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**REPORT**  
**ON THE**  
**FLOUR AND FEED MILLING INDUSTRIES**  
**IN**  
**CANADA**  
**1940**

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DOMINION BUREAU OF STATISTICS  
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THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940

To permit a closer analysis of the flour and feed milling industries, this report is divided into three sections. Section 1 comprises a general summary of the industry as a whole. Section 2 deals with the mills whose principal output is flour and other edible cereal products, whilst Section 3 is devoted to the mills whose operations are mostly confined to the production of chopped grain and other feeds.

SECTION 1. - GENERAL SUMMARY

A review of the flour and feed milling industries during the year 1940 reveals the fact that, although there was a decrease of 23 in the number of mills reporting, there was a marked increase in all of the other items comprising the principal statistics. These are shown in Table 1, for the Dominion for the years 1926 to 1938 and by provinces for the years 1939 and 1940.

The decrease in the number of establishments during the past few years is largely due to more extensive distribution services now in force by some of the larger milling companies covering the more sparsely populated areas. This has superseded to a great extent the former system of obtaining flour and other cereal products from the local mills, some of which have consequently discontinued operations.

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 war of 1914-1918 and the demand it created gave a great impetus to this trade. The 279 flour mills, many of them of the most modern type and highest efficiency, have a capacity far in excess of Canada's demands. During 1928 productive capacity reached about 121,000 barrels per day. Since then the industry has 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 the industry as a direct result of the large import requirements of Great Britain during the present war. Exports of wheat flour jumped accordingly over 3,000,000 barrels, from 3,911,886 in 1938 to 6,970,902 in 1940.



THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940

Table 1. - Principal Statistics for the Years 1926 to 1940

Year	Estab- lish- ments	Capital Invested	Em- plovees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1926 .....	1,291	58,335,813	6,348	7,222,464	163,905,450	189,580,741
1927 .....	1,315	62,062,013	6,384	7,372,670	163,712,597	191,741,470
1928 .....	1,319	63,514,575	6,556	7,606,674	165,032,821	195,698,124
1929 .....	1,325	67,773,534	6,618	7,578,276	150,806,665	181,148,689
1930 .....	1,277	62,617,007	5,923	6,679,113	119,677,686	144,855,946
1931 .....	1,265	61,069,192	5,671	6,032,189	71,771,797	95,728,540
1932 .....	1,290	58,283,212	5,586	5,576,395	63,177,656	84,748,800
1933 .....	1,328	59,054,505	5,470	5,108,137	63,297,848	83,322,099
1934 .....	1,310	59,293,426	5,633	5,135,312	74,048,243	95,746,183
1935 .....	1,127	56,475,315	5,454	5,165,507	78,071,667	97,567,868
1936 .....	1,118	61,867,287	5,685	5,542,945	90,614,236	114,617,099
1937 .....	1,086	56,280,032	5,803	5,877,756	111,558,331	133,634,179
1938 .....	1,080	50,111,006	5,778	6,163,351	99,418,794	122,598,168
<u>1939</u>						
CANADA .....	1,050	47,926,318	5,898	6,515,496	75,435,165	101,776,429
Prince Edward Island .....	10	45,108	11	3,839	71,686	88,050
Nova Scotia .....	10	191,759	20	15,921	448,321	509,176
New Brunswick ...	22	389,225	81	73,196	631,367	739,661
Quebec .....	183	5,949,641	750	908,484	8,706,847	10,826,272
Ontario .....	627	23,363,064	3,205	3,399,012	44,278,443	58,336,183
Manitoba .....	38	4,047,431	481	485,323	4,602,507	6,126,143
Saskatchewan .....	63	8,177,268	585	749,294	9,997,517	14,891,856
Alberta .....	90	5,434,230	732	841,979	6,439,800	9,932,836
British Columbia ..	7	328,592	33	38,448	258,677	326,252
<u>1940</u>						
CANADA .....	1,027	52,170,492	6,215	7,101,367	96,294,284	122,494,759
Prince Edward Island .....	8	34,850	9	3,304	36,473	46,256
Nova Scotia .....	10	249,835	20	14,441	424,376	483,959
New Brunswick ...	19	442,365	82	62,179	1,157,688	1,296,846
Quebec .....	170	4,527,938	826	1,024,319	11,614,030	13,967,185
Ontario .....	622	24,654,154	3,337	3,708,811	55,870,044	70,145,829
Manitoba .....	39	4,869,481	527	592,713	6,556,872	8,171,001
Saskatchewan .....	59	10,091,555	613	783,235	11,697,294	16,362,898
Alberta .....	94	6,927,658	765	872,766	8,640,923	11,639,671
British Columbia ..	6	372,656	36	39,599	296,584	381,114
<u>1940</u>						
Flour mills .....	279	44,674,387	4,724	6,102,744	77,489,397	99,157,327
Feed and chopping mills .....	748	7,496,105	1,491	998,623	18,804,887	23,337,432
TOTAL .....	1,027	52,170,492	6,215	7,101,367	96,294,284	122,494,759

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940.

From the preceding tables it will be noted that in 1940 there were increases of \$20,718,330 in the value of production, \$20,859,119 in the cost of materials used, \$4,244,174 in capital investment, and \$585,871 in salaries and wages paid. There was also an increase of 317 in the number of employees.

Production. - The total value of all products of the two industries in 1940 amounted to \$122,494,759, of which wheat flour was accountable for \$66,925,417. Next in order of importance was chopped grain feed with a total of \$24,324,837 followed by shorts and middlings to the extent of \$8,063,783. Rolled oats takes fourth place with \$6,514,798 whilst bran occupies fifth position with a valuation of \$5,632,145. The output of wheat flour of all grades in 1940 totalled 17,416,229 barrels valued at \$3.84 per barrel. This represents an increase of 1,664,575 in the number of barrels produced and an increase of \$ .39 in the selling price per barrel as compared with 1939.

Capital. - The capital employed in these industries represented an investment of \$52,170,492 which was divided as follows: fixed capital - consisting of present value of land, buildings, fixtures, machinery, tools, etc., - \$27,346,254 and working capital which comprises inventory value of materials on hand, stocks in process, finished products on hand, etc., \$18,381,555 and cash, bills and accounts receivable \$6,442,683.

Employees, Salaries and Wages. - The administrative and clerical work in connection with the two industries required the services of 1,692 male and 289 female employees whose total salaries amounted to \$2,676,492. The number of wage-earners employed was 4,095 male and 139 female which necessitated a payroll amounting to \$4,424,875.

Cost of Materials. - The total cost of all materials in both industries, including containers, amounted to \$96,294,284. Wheat of all types was by far the largest contributor to this sum with \$60,302,178. Mixed grain for chopping takes second place with \$15,956,196. The next largest item of expense was that of containers and container materials which accounted for \$6,788,489, whilst oats occupy fourth position with a total cost of \$6,753,114.



THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940

Table 2. - Quantity and Value of Principal Mill Products in Canada, 1929 and 1935 to 1940.

Products	Unit of Measure	Quantity	Selling Value at Mill	Average Value
			\$	\$
<u>1929</u>				
Wheat flour, all grades .....	Barrel	19,756,422	114,552,634	5.80
Oatmeal and rolled oats .....	"	830,099	6,902,869	8.32
Bran, shorts and middlings ....	Ton	713,744	19,918,668	27.91
Feed, chopped .....	"	848,698	30,927,336	36.44
<u>1935</u>				
Wheat flour, all grades .....	Barrel	14,137,510	57,168,713	4.04
Oatmeal and rolled oats .....	"	768,852	5,501,358	7.16
Bran, shorts and middlings ....	Ton	495,767	9,968,356	20.11
Feed, chopped .....	"	749,540	18,192,926	24.27
<u>1936</u>				
Wheat flour, all grades .....	Barrel	14,932,400	65,999,686	4.42
Oatmeal and rolled oats .....	"	886,109	6,516,633	7.35
Bran, shorts and middlings ....	Ton	556,168	10,283,176	18.49
Feed, chopped .....	"	813,562	23,152,120	28.46
<u>1937</u>				
Wheat flour, all grades .....	Barrel	14,208,560	80,597,091	5.67
Oatmeal and rolled oats .....	"	806,007	6,294,699	7.81
Bran, shorts and middlings ....	Ton	509,872	13,330,106	26.14
Feed, chopped .....	"	724,624	23,700,986	32.71
<u>1938</u>				
Wheat flour, all grades .....	Barrel	13,353,520	75,419,729	5.65
Oatmeal and rolled oats .....	"	830,293	6,408,292	7.72
Bran, shorts and middlings ....	Ton	458,328	10,524,583	22.96
Feed, chopped .....	"	756,420	20,875,590	27.60
<u>1939</u>				
Wheat flour, all grades .....	Barrel	15,751,654	54,322,321	3.45
Oatmeal and rolled oats .....	Ton	86,648	6,528,761	75.35
Bran, shorts and middlings ....	"	580,563	10,210,914	17.59
Feed, chopped .....	"	845,696	22,177,846	26.22
<u>1940</u>				
Wheat flour, all grades .....	Barrel	17,416,229	66,925,417	3.84
Oatmeal and rolled oats .....	Ton	96,020	7,087,377	73.81
Bran, shorts and middlings ....	"	646,128	13,695,928	21.20
Feed, chopped .....	"	946,289	24,324,837	25.71

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940.

Table 3. - Production in All Mills, by Classes, 1940.

Products	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value At Mill
	Quantity	Value	Quantity	Value	
		\$		\$	\$
<b>CANADA</b>					
<b>Wheat flour -</b>					
Spring No. 1 Patent .... Bbl.	5,958,410	25,346,622	112,353	464,879	25,811,501
Spring No. 2 Patent .... "	5,013,445	18,935,911	75,360	278,489	19,214,400
Spring Straight ..... "	3,571,053	12,898,263	194,193	706,367	13,604,630
Ontario Winter Straight "	1,233,815	4,537,265	1,708	6,775	4,544,040
Low grade flour ..... "	614,219	1,749,065	6,930	19,351	1,768,416
Feed flour ..... "	195,077	445,437	2,252	5,444	450,881
All other ..... "	428,499	1,495,335	8,915	36,214	1,531,549
<b>Flour and meal, other -</b>					
Whole wheat and Graham flour ..... Lb.	11,310,497	231,831	48,485	1,023	232,854
Prepared or self-raising flour ..... "	1,862,245	143,340	37,650	1,203	144,543
Barley, flour and meal. "	7,538,265	100,404	800	24	100,428
Rye, flour and meal .. "	9,310,084	188,348	6,130	134	188,482
Corn flour ..... "	6,309,360	169,590	-	-	169,590
Corn meal ..... "	52,973,531	1,119,145	1,573,409	29,443	1,148,588
Buckwheat flour ..... "	1,035,746	24,941	601,720	17,923	42,864
Pea meal ..... "	75,000	1,125	-	-	1,125
<b>Breakfast foods -</b>					
Prepared breakfast foods Lb.	7,426,644	964,282	-	-	964,282
Oatmeal ..... Tons	7,863	571,679	9	900	572,579
Rolled oats ..... "	88,148	6,514,798	-	-	6,514,798
Rolled or flaked wheat. Lb.	3,152,385	77,771	4,486	135	77,906
Unprepared breakfast foods ..... "	8,704,332	374,712	177,364	5,036	379,748
<b>Other products -</b>					
Barley, pot and pearl . Lb.	5,564,761	132,641	4,400	132	132,773
Corn, cracked ..... "	23,610,583	408,692	700,123	12,827	421,519
Peas, split ..... "	1,249,970	61,507	-	-	61,507
Stock and poultry foods Tons	117,663	4,314,876	1,266	47,092	4,361,968
Shorts and middlings .. "	361,325	7,874,607	8,973	189,176	8,063,783
Bran ..... "	266,872	5,463,282	8,958	168,863	5,632,145
Chopped grain feed ... "	91,176	2,385,775	855,113	21,939,062	24,324,837
Alfalfa meal ..... "	7,847	109,891	168	3,758	113,649
Offal, not otherwise specified ..... "	117,177	1,737,392	670	16,719	1,754,111
All other products ... -	-	164,705	-	558	165,263
<b>TOTAL VALUE OF PRODUCTION IN ALL MILLS</b> -	-	98,543,232	-	23,951,527	122,494,759

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940.

Table 4. - Materials Used in All Mills, 1939 and 1940.

	Unit of Measure	C A N A D A	
		Quantity	Cost Value at Mill
			\$
<u>1939</u>			
Wheat .....	Bushel	72,505,283	45,034,856
Oats .....	"	15,666,543	5,334,829
Barley .....	"	2,248,327	1,023,347
Rye .....	"	196,910	103,799
Corn .....	"	2,946,281	2,042,646
Buckwheat .....	"	285,251	171,376
Peas .....	"	29,944	49,198
Mixed grains for chopping .....	"	34,251,464	14,794,417
Other grains .....	"	533,949	132,708
Cost of containers purchased .....	-	-	5,486,670
Cost of materials used in making containers .....	-	-	60,298
All other materials .....	-	-	1,201,021
TOTAL COST OF MATERIALS USED .....		-	75,435,165
<u>1940</u>			
Wheat .....	Bushel	80,219,151	60,302,178
Oats .....	"	16,957,555	6,753,114
Barley .....	"	3,458,254	1,697,962
Rye .....	"	301,116	186,073
Corn .....	"	2,639,194	2,083,557
Buckwheat .....	"	254,243	158,730
Peas .....	"	34,946	61,259
Mixed grains for chopping .....	"	38,362,036	15,956,196
Other grains .....	"	434,576	138,505
Cost of containers purchased .....	-	-	6,748,436
Cost of materials used in making containers .....	-	-	40,053
All other materials .....	-	-	2,168,221
TOTAL COST OF MATERIALS USED .....		-	96,294,284



THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940

Table 5. - Capital Invested in all Mills, 1925-38 and by Provinces, 1939 and 1940.

Year	Fixed Capital	Working Capital		Total Capital
	Present Value of land, buildings, fixtures, machinery, tools, etc.	Inventory value of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies, etc.	Cash, trading and operating accounts etc.	
	\$	\$	\$	\$
1925	35,767,591	14,379,267	9,957,400	60,104,258
1926	36,158,799	12,942,566	9,234,448	58,335,813
1927	37,740,387	14,391,882	9,929,744	62,062,013
1928	36,857,519	16,859,539	9,797,517	63,514,575
1929	37,777,963	19,440,788	10,554,783	67,773,534
1930	36,776,071	14,812,792	11,028,144	62,617,007
1931	37,425,362	11,088,544	12,555,286	61,069,192
1932	36,002,825	11,152,044	11,128,343	58,283,212
1933	33,273,228	15,729,319	10,051,958	59,054,505
1934	30,725,664	18,394,309	10,173,453	59,293,426
1935	29,997,190	16,361,405	10,116,720	56,475,315
1936	28,767,319	19,083,481	14,016,487	61,867,287
1937	28,532,888	19,019,991	8,727,153	56,280,032
1938	28,687,452	10,283,008	11,140,546	50,111,006
<u>1939</u>				
CANADA	26,591,745	13,674,935	7,659,638	47,926,318
Prince Edward Island	42,897	1,210	1,001	45,108
Nova Scotia	80,184	45,880	65,695	191,759
New Brunswick	179,214	90,305	119,706	389,225
Quebec	2,492,166	1,492,622	1,964,853	5,949,641
Ontario	15,285,289	5,468,041	2,609,734	23,363,064
Manitoba	2,437,037	1,161,790	448,604	4,047,431
Saskatchewan	3,157,207	3,419,402	1,600,659	8,177,268
Alberta	2,774,988	1,893,992	765,250	5,434,230
British Columbia	142,763	101,693	84,136	328,592
<u>1940</u>				
CANADA	27,346,254	18,381,555	6,442,683	52,170,492
Prince Edward Island	32,500	1,650	700	34,850
Nova Scotia	104,980	93,150	51,705	249,835
New Brunswick	190,688	103,724	147,953	442,365
Quebec	2,528,284	1,345,135	654,519	4,527,938
Ontario	15,516,444	6,434,444	2,703,266	24,654,154
Manitoba	2,387,731	2,137,736	344,014	4,869,481
Saskatchewan	3,193,487	5,250,760	1,647,308	10,091,555
Alberta	3,242,061	2,920,220	765,377	6,927,658
British Columbia	150,079	94,736	127,841	372,656

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940.

Table 6. - Employees, Salaries and Wages in all Mills, by Provinces, 1939 and 1940.

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.	\$
<u>1939</u> CANADA ...	1,701	240	2,582,208	3,808	149	3,933,288	5,509	389	6,515,496
Prince Edward Island ....	7	-	2,046	4	-	1,793	11	-	3,839
Nova Scotia ..	6	-	3,670	14	-	12,251	20	-	15,921
New Brunswick	20	8	23,186	53	-	50,010	73	8	73,196
Quebec ....	275	27	494,625	446	2	413,859	721	29	908,484
Ontario ...	770	123	1,043,241	2,210	102	2,355,771	2,980	225	3,399,012
Manitoba ...	121	18	195,724	317	25	289,599	438	43	485,323
Saskatchewan.	226	31	375,033	314	14	374,261	540	45	749,294
Alberta ....	264	33	426,935	429	6	415,044	693	39	841,979
British Columbia ..	12	-	17,748	21	-	20,700	33	-	38,448
<u>1940</u> CANADA ...	1,692	289	2,676,492	4,095	139	4,424,875	5,787	428	7,101,367
Prince Edward Island ....	6	-	1,816	3	-	1,488	9	-	3,304
Nova Scotia .	5	-	2,494	15	-	11,947	20	-	14,441
New Brunswick	20	7	26,507	55	-	35,672	75	7	62,179
Quebec ....	289	32	522,279	504	1	502,040	793	33	1,024,319
Ontario ...	756	135	1,104,571	2,345	101	2,604,240	3,101	236	3,708,811
Manitoba ..	124	24	233,188	358	21	359,525	482	45	592,713
Saskatchewan .	220	45	363,727	335	13	419,508	555	58	783,235
Alberta ....	260	45	405,029	457	3	467,737	717	48	872,766
British Columbia ..	12	1	16,881	23	-	22,718	35	1	39,599

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940.

Table 7. - Power Equipment in all Mills, 1939 and 1940.

Classes of Power	1939		1940		
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity	
Steam engines	In use	86	9,067	73	8,462
	Idle	10	553	7	419
Diesel engines	In use	202	9,446	220	10,688
	Idle	5	219	6	480
Gasoline, gas and oil engines other than diesel	In use	255	8,231	227	7,864
	Idle	34	893	31	928
Hydraulic turbines or water wheels	In use	501	25,014	484	24,944
	Idle	15	692	14	516
Electric motors operated by purchased power	In use	2,107	58,298	2,166	59,147
	Idle	99	6,185	128	6,009
TOTAL POWER USED IN MANUFACTURING		3,314	118,598	3,356	119,457
Electric motors operated by power generated by the establishment	In use	93	3,502	92	3,514
	Idle	-	-	-	-
Boilers	In use	113	11,429	104	10,143
	Idle	7	462	9	1,117

Table 8. - Fuel and Electricity Used in all Mills, 1939 and 1940

Kinds of Fuel	Unit of Measure	1939		1940	
		Quantity	Total Cost at Mill	Quantity	Total Cost at Mill
Bituminous coal	Short ton	24,815	\$ 127,911	25,592	\$ 120,486
Anthracite coal	" "	828	8,208	559	6,676
Lignite coal	" "	14,040	40,925	15,412	45,523
Coke	" "	23	215	68	619
Gasoline	Imp. Gal.	212,433	46,430	314,119	74,606
Kerosene or coal oil	" "	12,478	1,541	9,528	1,439
Fuel and diesel oil	" "	611,795	66,757	726,074	81,776
Wood	Cord	12,434	34,349	12,106	34,735
Gas, manufactured and natural	M cu. ft.	464,428	38,165	460,161	35,394
Other fuel	-	-	19,864	-	14,996
Electricity purchased	K.W.H.	111,496,098	904,963	113,536,774	969,525
Electricity generated for sale	"	800	45	-	-
TOTAL COST OF FUEL AND ELECTRICITY	-	-	1,289,373	-	1,385,775



THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940.

Table 9. - Imports and Milled Products and Grains by Quantity and Value  
1939 and 1940

Articles Imported	Unit of Measure	1939		1940	
		Quantity	Value \$	Quantity	Value \$
<b>Milled Products -</b>					
Wheat flour .....	Barrel	83,065	305,386	70,241	310,593
Buckwheat meal and flour ..	Cwt.	983	2,594	804	2,526
Cornmeal .....	Barrel	16,989	63,241	11,931	55,808
Melt flour .....	Pound	35,349	1,901	68,630	5,430
Rye flour .....	Barrel	3,036	8,876	847	2,663
Oatmeal and rolled oats ...	Pound	241,934	15,792	79,256	5,625
Berley, port and pearl ....	"	46,066	9,470	39,992	8,212
Peas, split .....	"	957,601	28,755	897,981	36,454
Hominy, cracked, ground, etc.	-	-	162,251	-	162,270
Rice, bran, meal and flour ..	Pound	206,846	9,233	173,665	8,197
Sago and tapioca flour .....	"	4,292,053	90,053	3,782,579	108,477
Bran and mill feed .....	Cwt.	6,492	17,956	24,983	40,148
Cereal food in packages ....	Pound	631,302	79,637	485,206	62,117
Cereal foods, n.o.p. ....	-	-	26,152	-	21,477
Semolina .....	Barrel	39	685	23	307
<b>TOTAL VALUE OF IMPORTS OF MILLED PRODUCTS .....</b>	<b>-</b>	<b>-</b>	<b>821,982</b>	<b>-</b>	<b>830,304</b>
<b>Grains -</b>					
Wheat .....	Bushel	652,169	544,174	9,608	7,325
Oats .....	"	1,035,802	284,292	752	560
Berley .....	"	248	249	4,465	2,237
Corn for all purposes ....	"	7,864,992	4,571,474	7,878,855	3,863,723
Buckwheat .....	"	66	79	11,061	5,953
Peas, n.o.p. ....	Pound	4,582,306	176,719	4,686,337	225,863
Rye .....	Bushel	50	23	96	37
Beans, n.c.p. ....	Pound	2,621,896	142,816	6,718,940	290,578
Beans, soya .....	"	9,251,477	144,329	5,200,195	100,413
Rice, <del>uncleaned</del> .....	Cwt.	627,903	1,004,082	470,096	918,747
Rice, cleaned .....	"	172,991	479,063	155,379	435,751
<b>TOTAL VALUE OF GRAINS IMPORTED .....</b>	<b>-</b>	<b>-</b>	<b>7,347,300</b>	<b>-</b>	<b>5,851,187</b>

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1940

Table 10. - Exports of Milled Products and Grains by Quantity and Value, 1939 and 1940.

Articles Exported	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
<b>Milled Products -</b>					
Rye flour .....	Barrel	718	2,619	18,509	82,791
Wheat flour .....	"	5,342,172	16,378,301	6,970,902	26,351,695
Oatmeal and rolled oats	Cwt.	784,164	3,432,205	1,180,480	4,487,704
Bran, shorts and middlings .....	"	5,031,404	4,844,955	4,834,250	5,110,379
Malt .....	Bushel	2,144,101	1,962,536	1,903,759	1,730,431
Peas, split .....	"	6,848	27,772	11,936	47,156
Screenings .....	Cwt.	1,816,523	373,531	2,240,019	1,065,722
Cornmeal .....	Barrel	102,030	298,183	78,866	284,797
Rice, meal and flour ..	Pound	365,230	8,665	63,596	6,589
All other meals, n.c.p.	Cwt.	794	1,714	29,840	47,057
Cereal foods, prepared, all kinds .....	-	-	2,892,153	-	2,040,254
<b>TOTAL VALUE OF MILLED PRODUCTS EXPORTED .....</b>	-	-	<b>30,222,634</b>	-	<b>41,254,575</b>
<b>Grains -</b>					
Wheat .....	Bushel	162,904,586	109,050,542	139,169,671	119,530,365
Oats .....	"	12,115,598	4,142,375	14,396,287	6,177,281
Barley .....	"	16,794,866	7,881,541	2,006,394	1,117,488
Corn .....	"	5,391	4,688	6,580	6,370
Rye .....	"	3,838,862	2,044,645	2,611,488	1,367,341
Buckwheat .....	"	604,263	340,485	68,082	47,073
Peas, whole .....	"	10,433	37,293	35,744	136,634
Beans .....	"	560,410	926,406	431,676	1,126,968
<b>TOTAL VALUE OF GRAINS EXPORTED .....</b>	-	-	<b>124,427,975</b>	-	<b>129,509,520</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

SECTION 2. - THE FLOUR MILLING INDUSTRY, 1940.

Table 1. - Principal Statistics of the Flour Mills in Canada for the Years, 1925-40.

Year	Estab- lish- ments	Capital Invested	Em- p- loyees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1925 .....	455	55,011,056	5,119	6,504,691	147,069,973	168,037,899
1926 .....	442	53,181,355	5,188	6,486,285	145,989,909	168,534,279
1927 .....	431	56,366,699	5,148	6,558,309	143,255,728	167,597,325
1928 .....	423	57,567,079	5,285	6,745,415	144,868,517	172,071,795
1929 .....	409	61,215,205	5,308	6,714,960	130,437,426	157,274,329
1930 .....	382	56,264,148	4,673	5,885,224	102,823,717	124,504,524
1931 .....	372	55,050,361	4,410	5,276,688	59,085,624	79,591,603
1932 .....	394	52,417,339	4,325	4,912,371	52,414,311	71,035,283
1933 .....	413	51,989,432	4,153	4,422,689	51,719,587	68,746,624
1934 .....	435	52,491,680	4,263	4,443,991	61,392,000	80,170,600
1935 .....	384	50,278,121	4,244	4,479,679	65,378,617	81,955,937
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
<u>1939</u>						
CANADA .....	303	41,167,975	4,540	5,621,370	59,164,699	81,745,050
Prince Edward Island	6	34,758	7	3,113	59,477	73,240
Nova Scotia and New Brunswick ...	7	29,298	10	5,076	67,941	83,705
Quebec .....	55	5,126,918	581	824,030	7,482,736	9,239,281
Ontario .....	109	18,314,427	2,216	2,730,317	31,132,161	42,203,887
Manitoba .....	30	3,967,733	464	470,823	4,510,858	5,998,676
Saskatchewan .....	49	8,138,043	571	744,818	9,911,240	14,786,046
Alberta .....	43	5,284,864	665	810,030	5,763,348	9,064,470
British Columbia ..	4	271,934	26	33,163	236,938	295,745
<u>1940</u>						
CANADA .....	279	44,674,387	4,724	6,102,744	77,489,397	99,157,327
Prince Edward Island	5	27,650	6	2,908	31,545	40,036
Nova Scotia and New Brunswick ...	7	27,714	12	5,556	61,399	77,831
Quebec .....	39	3,648,665	646	931,411	10,070,355	11,983,304
Ontario .....	102	19,018,360	2,233	2,938,675	41,178,587	51,848,212
Manitoba .....	31	4,796,969	510	578,023	6,476,491	8,050,440
Saskatchewan .....	47	10,064,932	596	778,069	11,601,029	16,242,262
Alberta .....	45	6,782,723	694	835,451	7,799,112	10,573,412
British Columbia ..	3	307,374	27	32,651	270,879	341,830



THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 2. - Production in Flour Mills by Classes and the Provinces, 1940.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>CANADA</u>						
<b>Wheat flour -</b>						
Spring No. 1 Patent ...	Barrel	5,958,410	25,346,622	112,353	464,879	25,811,501
Spring No. 2 Patent ...	"	5,013,445	18,935,911	75,360	278,489	19,214,400
Spring Straight .....	"	3,571,053	12,898,263	194,193	706,367	13,604,630
Ontario Winter Straight	"	1,233,815	4,537,265	1,708	6,775	4,544,040
Low grade flour .....	"	614,219	1,749,065	6,930	19,351	1,768,416
Feed flour .....	"	195,077	445,437	2,252	5,444	450,881
All other .....	"	428,499	1,495,335	8,915	36,214	1,531,549
<b>Flour and meal, other -</b>						
Whole wheat and graham flour .....	Lb.	10,364,467	206,495	45,485	972	207,467
Prepared or self-raising flour .....	"	1,862,245	143,340	37,650	1,203	144,543
Barley, flour and meal	"	2,145,865	31,214	800	24	31,238
Rye, flour and meal ..	"	8,232,866	172,410	5,466	122	172,532
Corn flour .....	"	3,346,440	103,610	-	-	103,610
Corn meal .....	"	22,289,340	529,904	900	25	529,929
Buckwheat flour .....	"	650,016	16,650	299,680	9,516	26,166
<b>Breakfast foods -</b>						
Prepared breakfast foods	Lb.	7,355,934	957,956	-	-	957,956
Oatmeal .....	Ton	7,604	560,627	9	900	561,527
Rolled oats .....	"	84,759	6,361,211	-	-	6,361,211
Rolled or flaked wheat.	Lb.	1,721,275	41,639	4,486	135	41,774
Unprepared breakfast foods .....	"	8,013,057	341,529	177,364	5,036	346,565
<b>Other products -</b>						
Barley, pot and pearl .	Lb.	3,075,811	77,855	4,400	132	77,987
Corn, cracked .....	"	4,777,310	81,854	200	4	81,858
Stock and poultry foods	Ton	69,569	2,694,456	70	2,400	2,696,856
Shorts and middlings ..	"	360,964	7,861,708	8,973	189,176	8,050,884
Bran .....	"	266,872	5,463,282	8,958	168,863	5,632,145
Chopped grain feed ...	"	35,293	899,361	137,969	3,470,733	4,370,094
Alfalfa meal .....	"	2,425	39,270	50	900	40,170
Offal, not otherwise specified .....	"	107,982	1,634,864	507	11,512	1,646,376
All other products ...	-	-	150,464	-	558	151,022
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>93,777,597</b>	<b>-</b>	<b>5,379,730</b>	<b>99,157,327</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1940

Table 2. - Production in Flour Mills by Classes and the Provinces, 1940 - Continued.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>PRINCE EDWARD ISLAND</u>						
Wheat flour -						
Spring No. 1 Patent ...	Barrel	196	980	709	3,190	4,170
Spring Straight .....	"	-	-	2,069	10,215	10,215
Low grade .....	"	7	25	68	218	243
All other .....	"	-	-	350	1,800	1,800
Flour and meal, other -						
Whole wheat and graham flour .....	Lb.	36,000	1,350	-	-	1,350
Breakfast foods -						
Oatmeal .....	Ton	16	825	-	-	825
Unprepared breakfast foods .....	Lb.	24,000	900	-	-	900
Other products -						
Shorts and middlings ..	Ton	4	128	69	2,109	2,237
Bran .....	"	4	120	96	2,844	2,964
Chopped grain feed ..	"	16	400	596	14,892	15,292
Offal, not otherwise specified .....	"	-	-	2	40	40
All other products ..	-	-	-	-	-	-
TOTAL .....	-	-	4,728	-	35,308	40,036
<u>NOVA SCOTIA AND NEW BRUNSWICK</u>						
Wheat flour -						
Spring No. 1 Patent ...	Barrel	-	-	384	1,993	1,993
Spring No. 2 Patent ...	"	-	-	830	4,140	4,140
Spring Straight .....	"	-	-	256	1,800	1,800
Low grade .....	"	-	-	540	2,700	2,700
All other .....	"	-	-	138	760	760
Flour and meal, other -						
Buckwheat flour .....	Lb.	-	-	267,402	8,774	8,774
Breakfast foods -						
Oatmeal .....	Ton	-	-	9	900	900
Other products -						
Shorts and middlings ..	Ton	-	-	46	1,419	1,419
Bran .....	Ton	-	-	71	2,171	2,171
Chopped grain feed ...	"	-	-	1,648	47,856	47,856
Offal, not otherwise specified .....	"	-	-	177	5,294	5,294
All other products ..	-	-	-	-	24	24
TOTAL .....	-	-	-	-	77,831	77,831

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 2. - Production in Flour Mills by Classes and Provinces, 1940 - Continued.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>QUEBEC</u>						
Wheat flour -			\$		\$	\$
Spring No. 1 Patent ...	Barrel	1,037,392	4,160,636	3,536	17,722	4,178,358
Spring No. 2 Patent ...	"	404,382	1,507,780	24	120	1,507,900
Spring Straight .....	"	799,295	2,983,311	-	-	2,983,311
Ontario Winter Straight	"	2,755	12,051	-	-	12,051
Low grade .....	"	80,577	272,254	-	-	272,254
Feed flour .....	"	35,807	108,270	-	-	108,270
All other .....	"	53,771	191,660	-	-	191,660
Flour and meal, other -						
Barley, flour and meal.	Lb.	-	-	-	-	-
Corn flour .....	"	-	-	-	-	-
Corn meal .....	"	155,232	2,376	-	-	2,376
Buckwheat flour .....	"	450,000	12,950	32,278	742	13,692
Breakfast foods -						
Other cereal products .	Lb.	-	-	-	-	-
Other products -						
Barley, pot and pearl .	Lb.	-	-	-	-	-
Corn cracked .....	"	204,036	3,123	-	-	3,123
Stock and poultry foods	Ton	70	3,150	-	-	3,150
Shorts and middlings ..	"	47,790	1,201,768	83	2,878	1,204,646
Bran .....	"	36,640	851,896	68	2,051	853,947
Chopped grain feed ...	"	6,546	193,362	13,316	394,209	587,571
Alfalfa meal .....	"	-	-	-	-	-
Offal, not otherwise specified .....	"	2,899	60,570	17	425	60,995
TOTAL .....	-	-	11,565,157	-	418,147	11,983,304
<u>ONTARIO</u>						
Wheat flour -						
Spring No. 1 Patent ..	Barrel	1,205,362	5,024,257	15,749	62,410	5,086,667
Spring No. 2 Patent ..	"	3,198,996	12,150,578	42,793	148,523	12,299,101
Spring Straight .....	"	2,114,031	7,583,575	85,236	270,780	7,854,355
Ontario Winter Straight	"	1,231,060	4,525,214	1,708	6,775	4,531,989
Low grade .....	"	410,545	1,128,040	3,590	8,900	1,136,940
Feed flour .....	"	37,561	100,641	-	-	100,641
All other .....	"	215,226	714,264	721	2,670	716,934
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	6,630,967	135,074	200	6	135,080
Prepared or self-raising flour .....	"	1,810,352	141,808	-	-	141,808
Barley, flour and meal.	"	1,970,267	29,766	-	-	29,766
Rye, flour and meal ...	"	8,174,248	171,343	500	10	171,353
Corn flour .....	"	3,346,440	103,610	-	-	103,610



THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 2. - Production in Flour Mills by Classes and Provinces, 1940 - Continued.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>ONTARIO - Con.</u>						
Flour and meal, other - con.			\$		\$	\$
Corn meal .....	Lb.	22,134,108	527,528	900	25	527,553
Buckwheat flour ....	"	200,016	3,700	-	-	3,700
Breakfast foods -						
Prepared breakfast foods .....	Lb.	7,040,934	931,034	-	-	931,034
Oatmeal .....	Ton	2,821	283,000	-	-	283,000
Rolled Oats .....	"	38,623	3,583,513	-	-	3,583,513
Rolled or flaked wheat	Lb.	1,303,543	29,264	-	-	29,264
Unprepared breakfast foods .....	"	4,158,931	132,969	300	9	132,978
Other products -						
Barley, pot and pearl	Lb.	1,258,320	31,553	-	-	31,553
Corn, cracked .....	"	4,573,274	78,731	200	4	78,735
Stock and poultry foods	Ton	63,773	2,491,854	-	-	2,491,854
Shorts and middlings .	"	170,344	4,080,813	3,333	85,818	4,166,631
Bran .....	"	132,542	2,983,998	2,291	53,347	3,037,345
Chopped grain feed ..	"	18,815	500,811	104,748	2,648,970	3,149,781
Alfalfa meal .....	"	2,225	35,150	-	-	35,150
Offal, not otherwise specified .....	"	48,105	904,753	311	5,753	910,506
All other products ..	-	-	147,371	-	-	147,371
TOTAL .....	-	-	48,554,212	-	3,294,000	51,848,212
<u>MANITOBA</u>						
Wheat flour -						
Spring No. 1 Patent ..	Barrel	302,857	1,212,671	36,486	140,219	1,352,890
Spring No. 2 Patent ..	"	697,424	2,493,269	6,669	32,506	2,525,775
Spring Straight ....	"	349,823	1,195,453	19,304	81,686	1,277,139
Low grade .....	"	51,969	131,212	210	754	131,966
Feed flour .....	"	80,048	188,096	88	270	188,366
All other .....	"	49,753	186,032	3,760	14,564	200,596
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	1,932,952	36,257	1,832	45	36,302
Rye flour .....	"	28,000	364	-	-	364
Breakfast foods -						
Oatmeal .....	Ton	1,945	102,422	-	-	102,422
Rolled oats .....	"	12,915	680,063	-	-	680,063
Rolled or flaked wheat	Lb.	196,500	6,085	1,000	40	6,125
Unprepared breakfast foods .....	"	1,131,419	72,978	15,363	486	73,464

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 2. -Production in Flour Mills by Classes and Provinces, 1940 - Continued.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>MANITOBA - Con.</u>						
Other products -						
Barley, pot and pearl ..	Lb.	1,159,340	26,322	4,400	132	26,454
Stock and poultry foods.	Ton	3,743	138,565	-	-	138,565
Shorts and middlings ...	"	29,589	534,840	1,495	30,262	565,102
Bran .....	"	22,899	377,853	1,811	35,670	413,523
Chopped grain feed ....	"	4,354	78,200	5,141	99,964	178,164
Offal, not otherwise specified .....	"	12,365	151,700	-	-	151,700
All other products ...	-	-	1,456	-	4	1,460
TOTAL .....	-	-	7,613,838	-	436,602	8,050,440
<u>SASKATCHEWAN</u>						
Wheat flour -						
Spring No. 1 Patent ...	Barrel	2,384,631	10,599,616	23,787	111,821	10,711,437
Spring No. 2 Patent ...	"	101,461	415,844	22,868	82,126	497,970
Spring Straight .....	"	39,917	154,117	43,706	171,615	325,732
Low grade .....	"	13,043	46,978	1,272	3,853	50,831
Feed flour .....	"	2,729	5,557	831	1,838	7,395
All other .....	"	18,691	81,218	3,706	15,700	96,918
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	178,979	3,374	36,153	727	4,101
Prepared or self-raising flour .....	"	4,334	216	3,000	150	366
Eye flour .....	"	14,088	308	4,966	112	420
Breakfast foods -						
Prepared breakfast foods	Lb.	180,200	15,193	-	-	15,193
Oatmeal .....	Ton	2,245	144,070	-	-	144,070
Rolled oats .....	"	25,286	1,681,153	-	-	1,681,153
Rolled or flaked wheat .	Lb.	220,672	6,274	2,186	43	6,317
Unprepared breakfast foods .....	"	101,911	3,198	71,580	1,745	4,943
Other products -						
Barley, pot and pearl ..	Lb.	499,800	15,796	-	-	15,796
Stock and poultry foods.	Ton	2	70	20	400	470
Shorts and middlings ..	"	72,611	1,337,748	2,279	40,151	1,377,899
Bran .....	"	40,297	696,032	2,377	39,534	735,566
Chopped grain feed ...	"	1,650	37,945	3,814	75,508	113,453
Offal, not otherwise specified .....	"	40,252	451,988	-	-	451,988
All other products ...	-	-	210	-	34	244
TOTAL .....	-	-	15,696,905	-	545,357	16,242,262

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 2. - Production of Flour Mills by Classes and the Provinces, 1940 - Continued.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>ALBERTA</u>						
Wheat flour -			\$		\$	\$
Spring No. 1 Patent ..	Barrel	1,027,327	4,344,721	31,702	127,524	4,472,245
Spring No. 2 Patent ..	"	610,882	2,366,640	1,955	9,748	2,376,388
Spring Straight .....	"	237,680	845,110	43,489	169,633	1,014,743
Low grade .....	"	54,043	154,436	1,150	2,926	157,362
Feed flour .....	"	38,902	42,783	1,333	3,336	46,119
All other .....	"	75,463	251,981	240	720	252,701
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	1,505,234	28,202	7,300	194	28,396
Prepared or self-raising flour .....	"	47,559	1,316	34,650	1,053	2,369
Rye flour .....	"	16,530	395	-	-	395
Barley, flour and meal	"	173,540	1,401	-	-	1,401
Breakfast foods -						
Prepared breakfast foods .....	Lb.	130,800	10,901	-	-	10,901
Oatmeal .....	Ton	577	30,310	-	-	30,310
Rolled oats .....	"	7,935	416,482	-	-	416,482
Rolled or flaked wheat	Lb.	560	16	1,300	52	68
Unprepared breakfast foods .....	"	2,491,095	128,264	90,121	2,796	131,060
Other products -						
Barley, pot and pearl.	Lb.	158,351	4,181	-	-	4,181
Stock and poultry foods	Ton	1,709	49,937	-	-	49,937
Shorts and middlings .	"	39,796	688,101	1,655	26,279	714,380
Bran .....	"	33,493	532,136	2,228	32,894	565,030
Chopped grain feed ..	"	3,159	69,065	7,713	163,516	232,581
Offal, not otherwise specified .....	"	4,361	65,853	-	-	65,853
All other products ..	-	-	507	-	-	507
<b>TOTAL</b> .....	-	-	10,032,741	-	540,671	10,573,412
<u>BRITISH COLUMBIA</u>						
Wheat flour -						
Spring No. 1 Patent ..	Barrel	645	3,741	-	-	3,741
Spring No. 2 Patent ..	"	300	1,800	221	1,326	3,126
Spring Straight .....	"	30,307	136,697	133	638	137,335
Low grade .....	"	4,035	16,120	-	-	16,120
Feed flour .....	"	30	90	-	-	90
All other .....	"	15,595	70,180	-	-	70,180
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	80,325	2,238	-	-	2,238



THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 2. - Production of Flour Mills by Classes and the Provinces, 1940. - Concluded.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
BRITISH COLUMBIA - Con.						
Breakfast foods -						
Prepared breakfast foods	Lb.	4,000	828	-	-	828
Rolled or flaked wheat	"	-	-	-	-	-
Unprepared breakfast foods	"	105,701	3,220	-	-	3,220
Other products -						
Stock and poultry foods.	Ton	272	10,880	50	2,000	12,880
Shorts and middlings	"	830	18,310	13	260	18,570
Bran	"	997	21,247	16	352	21,599
Chopped grain feed	"	753	19,578	993	25,818	45,396
Alfalfa meal	"	200	4,120	50	900	5,020
All other products	-	-	967	-	520	1,487
TOTAL	-	-	310,016	-	31,814	341,830

Table 3. - Materials Used in Flour Mills, by Provinces, 1940.

Materials	Unit of Measure	C A N A D A		Prince Edward Island	
		Quantity	Value	Quantity	Value
\$					
Wheat	Bushel	79,762,422	59,972,659	18,643	17,470
Oats	"	12,707,336	5,204,852	26,281	9,256
Barley	"	1,353,859	674,330	300	150
Rye	"	231,713	146,130	-	-
Corn	"	1,326,509	1,021,679	-	-
Buckwheat	"	88,190	54,059	-	-
Peas	"	2,964	6,097	-	-
Mixed grain for chopping	"	6,205,264	2,599,531	11,563	4,499
Other grains	"	109,232	26,761	-	-
All other materials	"	-	1,195,071	-	-
Cost of containers purchased	-	-	6,550,032	-	170
Cost of materials used in making containers	-	-	38,196	-	-
TOTAL	-	-	77,489,397	-	31,545
\$					
		Nova Scotia and New Brunswick		Quebec	
		Quantity	Value	Quantity	Value
\$					
Wheat	Bushel	11,143	12,622	10,853,495	8,816,875
Oats	"	23,748	10,759	247,177	105,188
Barley	"	2,963	1,930	300,392	165,008
Rye	"	-	-	20	18
Corn	"	-	-	35,015	29,414
Buckwheat	"	12,752	8,088	43,480	26,665
Peas	"	-	-	100	100
Mixed grain for chopping	"	61,166	28,000	439,362	218,084
Other grains	"	-	-	-	-
All other materials	-	-	-	-	769
Cost of containers purchased	-	-	-	-	704,656
Cost of materials used in making containers	-	-	-	-	3,578
TOTAL	-	-	61,399	-	10,070,355

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 3. - Materials Used in Flour Mills, by Provinces, 1940 - Concluded.

Kind	Unit of Measure	Ontario		Manitoba		Saskatchewan	
		Quantity	Value	Quantity	Value	Quantity	Value
			\$		\$		\$
Wheat .....	Bushel	38,948,511	30,556,203	7,220,120	5,074,735	12,780,581	8,851,017
Oats .....	"	5,902,872	2,647,102	1,587,270	591,948	3,701,181	1,446,404
Barley .....	"	705,103	373,107	182,925	72,088	56,347	22,857
Rye .....	"	224,518	143,447	3,060	1,070	1,649	628
Corn .....	"	1,255,555	963,500	33,021	25,976	-	-
Buckwheat .....	"	30,433	18,198	1,525	1,108	-	-
Peas .....	"	2,864	5,997	-	-	-	-
Mixed grain for chopping .....	"	5,124,929	2,150,179	190,401	65,641	133,534	36,790
Other grains .....	"	34,218	16,295	74,282	9,381	300	180
All other materials ....	-	-	1,037,360	-	73,228	-	5,713
Cost of containers purchased .....	-	-	3,235,751	-	561,298	-	1,234,537
Cost of materials used in making containers ..	-	-	31,448	-	18	-	2,903
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>41,178,587</b>	<b>-</b>	<b>6,476,491</b>	<b>-</b>	<b>11,601,029</b>

  

Kind	Unit of Measure	Alberta		British Columbia	
		Quantity	Value	Quantity	Value
			\$		\$
Wheat .....	Bushel	9,667,397	6,427,374	262,532	216,363
Oats .....	"	1,173,904	378,919	44,903	15,276
Barley .....	"	86,076	29,709	19,753	9,481
Rye .....	"	2,466	967	-	-
Corn .....	"	2,918	2,789	-	-
Buckwheat .....	"	-	-	-	-
Peas .....	"	-	-	-	-
Mixed grain for chopping .....	"	241,729	95,693	2,580	645
Other grains .....	"	432	905	-	-
All other materials ....	-	-	70,198	-	7,803
Cost of containers purchased .....	"	-	792,309	-	21,311
Cost of materials used in making containers ..	-	-	249	-	-
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>7,799,112</b>	<b>-</b>	<b>270,879</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1940

Table 4. - Capital Invested in Flour Mills, for the Years, 1931 - 40.

Year	Fixed Capital	Working Capital		Total Capital
	Present value of land, buildings, fixtures, machinery, tools, etc.	Inventory value of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies, etc.	Cash, trading, and operating accounts, etc.	
	\$	\$	\$	\$
1931 .....	32,655,385	10,488,360	11,906,616	55,050,361
1932 .....	31,359,420	10,638,336	10,419,583	52,417,339
1933 .....	27,636,312	15,048,400	9,304,720	51,989,432
1934 .....	25,548,362	17,643,149	9,300,169	52,491,680
1935 .....	25,228,104	15,702,433	9,317,584	50,278,121
1936 .....	23,909,429	18,189,697	13,175,964	55,275,090
1937 .....	23,667,541	18,111,125	7,839,078	49,617,744
1938 .....	23,804,230	9,361,972	10,229,531	43,395,733
<u>1939</u>				
CANADA .....	21,677,350	12,823,418	6,667,207	41,167,975
Prince Edward Island	32,897	1,110	751	34,758
Nova Scotia and New Brunswick ...	28,600	-	698	29,298
Quebec .....	1,834,379	1,415,006	1,877,533	5,126,918
Ontario .....	11,474,711	4,879,786	1,959,930	18,314,427
Manitoba .....	2,398,222	1,140,502	429,009	3,967,733
Saskatchewan .....	3,127,607	3,414,302	1,596,134	8,138,043
Alberta .....	2,653,523	1,879,576	751,765	5,284,864
British Columbia ..	127,411	93,136	51,387	271,934
<u>1940</u>				
CANADA .....	21,979,837	17,346,908	5,317,642	44,674,387
Prince Edward Island	25,500	1,650	500	27,650
Nova Scotia and New Brunswick ...	25,300	1,614	800	27,714
Quebec .....	1,789,322	1,292,547	566,796	3,648,665
Ontario .....	11,361,000	5,680,047	1,977,313	19,018,360
Manitoba .....	2,351,011	2,126,001	319,957	4,796,969
Saskatchewan .....	3,177,823	5,246,725	1,640,384	10,064,932
Alberta .....	3,119,021	2,911,503	752,199	6,782,723
British Columbia ..	130,860	86,821	89,693	307,374



THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 5. - Size of Establishments, 1939 and 1940

Establishments having a production of -	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Total Production
	No.	\$	No.	\$	\$	\$
<u>1939</u>						
Under \$50,000 .....	213	3,231,288	552	466,470	3,174,525	4,236,383
\$50,000 to \$100,000 .....	37	1,390,084	215	193,163	1,900,030	2,516,963
\$100,000 to \$200,000 .....	19	1,259,668	190	214,303	1,904,095	2,478,914
\$200,000 to \$500,000 .....	6	1,229,490	115	147,428	1,636,383	1,935,679
\$500,000 to \$1,000,000 .....	9	1,271,585	308	376,129	4,292,148	5,542,439
\$1,000,000 to \$5,000,000 .....	15	18,163,249	1,929	2,531,801	25,587,964	34,808,520
\$5,000,000 and over .....	4	14,622,611	1,231	1,692,076	20,669,554	30,226,152
<b>TOTAL</b> .....	<b>303</b>	<b>41,167,975</b>	<b>4,540</b>	<b>5,621,370</b>	<b>59,164,699</b>	<b>81,745,050</b>
<u>1940</u>						
Under \$50,000 .....	187	3,055,240	490	415,754	2,424,118	3,313,433
\$50,000 to \$100,000 .....	36	1,266,732	224	217,215	1,957,275	2,578,478
\$100,000 to \$200,000 .....	17	1,143,229	169	162,353	1,713,972	2,316,512
\$200,000 to \$500,000 .....	11	1,447,350	167	245,695	2,763,873	3,240,669
\$500,000 to \$1,000,000 .....	9	1,851,870	304	405,650	5,161,220	6,347,092
\$1,000,000 to \$5,000,000 .....	13	16,301,556	1,557	2,107,827	24,438,093	31,199,629
\$5,000,000 and over .....	6	19,608,410	1,813	2,548,250	39,030,846	50,161,514
<b>TOTAL</b> .....	<b>279</b>	<b>44,674,387</b>	<b>4,724</b>	<b>6,102,744</b>	<b>77,489,397</b>	<b>99,157,327</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 6a. - Daily Capacity of Flour Mills, 1939 and 1940.

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 produced during the year	Average per estab- lishment	Per cent of Total
		Barrels	Barrels		Barrels	Barrels	
<u>1939</u>							
Under 100 barrels .....	194	8,319	43	8.2	296,720	1,530	1.9
100 to 199 barrels .....	65	7,790	120	7.7	567,748	8,735	3.6
200 to 299 barrels .....	11	2,460	224	2.4	337,546	30,686	2.1
300 to 499 barrels .....	4	1,525	381	1.5	395,002	98,751	2.5
500 to 999 barrels .....	10	6,845	685	6.8	1,294,832	129,483	8.2
1,000 to 2,999 barrels ...	10	19,450	1,945	19.2	4,313,270	431,327	27.4
3,000 to 4,999 barrels ...	4	14,250	3,563	14.0	2,759,284	689,821	17.5
5,000 barrels and over ...	5	40,815	8,163	40.2	5,787,252	1,157,450	36.8
TOTAL AND AVERAGE ....	303	101,454	334	100.0	15,751,654	51,986	100.0
<u>1940</u>							
Under 100 barrels .....	174	7,323	42	7.6	251,963	1,448	1.3
100 to 199 barrels .....	62	7,600	122	7.8	644,343	10,393	3.7
200 to 299 barrels .....	11	2,510	228	2.6	306,557	27,869	1.8
300 to 499 barrels .....	5	1,975	395	2.0	536,233	107,247	3.1
500 to 999 barrels .....	9	6,460	718	6.7	1,185,018	131,669	6.8
1,000 to 2,999 barrels ...	10	19,450	1,945	20.1	4,516,922	451,692	26.0
3,000 to 4,999 barrels ...	3	11,250	3,750	11.6	2,663,555	887,852	15.3
5,000 barrels and over ...	5	40,300	8,060	41.6	7,311,638	1,462,328	42.0
TOTAL AND AVERAGE ....	279	96,868	347	100.0	17,416,229	62,424	100.0

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 6b. - Equipment and Capacity of Flour Mills, 1940.

Province	Estab- lish- ments	Pairs of Rolls	Pairs of Stones	Estimated Maximum Capacity Per day
	No.	No.	No.	Bbl.
Prince Edward Island . . . .	5 )	34	4	322
and Nova Scotia . . . . .	3 )			
New Brunswick . . . . .	4	25	-	250
Quebec . . . . .	39	335	49	10,399
Ontario . . . . .	102	1,732	34	47,949
Manitoba . . . . .	31	508	5	10,220
Saskatchewan . . . . .	47	572	16	14,536
Alberta . . . . .	45	627	4	12,518
British Columbia . . . . .	3	46	1	674
CANADA . . . . .	279	3,879	113	96,868



THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 7. - Employees, Salaries and Wages in Flour Mills, 1939 and 1940.

	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.	\$
<u>1939</u>									
CANADA . . . .	1,101	219	2,176,208	3,079	141	3,445,162	4,180	360	5,621,370
Prince Edward Island . . . .	3	-	1,320	4	-	1,793	7	-	3,113
Nova Scotia & New Brunswick	5	-	2,328	5	-	2,718	10	-	5,076
Quebec . . . . .	174	26	445,620	380	1	378,410	554	27	824,030
Ontario . . . . .	362	113	749,215	1,645	96	1,981,102	2,007	209	2,730,317
Manitoba . . . .	112	18	185,964	309	25	284,859	421	43	470,823
Saskatchewan . .	216	31	373,198	310	14	371,620	526	45	744,818
Alberta . . . . .	218	31	402,315	411	5	407,715	629	36	810,030
British Columbia . . .	11	-	16,248	15	-	16,915	26	-	33,163
<u>1940</u>									
CANADA . . . .	1,094	260	2,241,006	3,240	130	3,861,738	4,334	390	6,102,744
Prince Edward Island . . . .	3	-	1,420	3	-	1,488	6	-	2,908
Nova Scotia & New Brunswick	6	-	2,470	6	-	3,086	12	-	5,556
Quebec . . . . .	198	31	477,725	416	1	453,686	614	32	931,411
Ontario . . . . .	342	117	786,020	1,681	93	2,152,655	2,023	210	2,938,675
Manitoba . . . .	114	24	222,528	351	21	355,495	465	45	578,023
Saskatchewan . .	210	45	360,487	328	13	417,582	538	58	778,069
Alberta . . . . .	212	43	375,911	437	2	459,540	649	45	835,451
British Columbia . . .	9	-	14,445	18	-	18,206	27	-	32,651

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 8. - Monthly Employment of Wage-earners, 1939 and 1940.

Months	In Flour Mills			
	1939		1940	
	Male	Female	Male	Female
	No.	No.	No.	No.
January .....	2,880	133	3,226	160
February .....	2,883	143	3,122	129
March .....	2,879	160	3,066	120
April .....	2,871	133	3,157	120
May .....	2,966	115	3,199	124
June .....	2,960	114	3,158	129
July .....	2,998	116	3,204	130
August .....	3,134	131	3,154	161
September .....	3,410	179	3,391	144
October .....	3,451	163	3,462	126
November .....	3,248	151	3,409	123
December .....	3,065	142	3,137	93
Average monthly employment .	3,079	141	3,240	130

Table 9. - Number of Wage-earners in Month of Highest Employment with their Regular Hours of Work and Average Weekly Earnings, 1939 and 1940.

Number of Hours Worked per week	Number of Employees				Number of Hours Worked per week	Number of Employees			
	1939		1940			1939		1940	
	Male	Female	Male	Female		Male	Female	Male	Female
30 hours or less .....	34	6	130	5	51 - 54 hours	191	1	324	2
31 - 43 hours .	65	32	217	46	55 hours ..	295	1	111	1
44 hours ....	187	48	82	41	56 - 64 hours	724	-	1,052	-
45 - 47 hours .	36	4	61	1	65 hours and over .....	59	-	392	-
48 hours ....	1,627	38	1,238	51	Average hours per week	51.2	42.8	53.0	42.9
49 - 50 hours .	35	1	83	-	Average weekly earnings ...	\$20.77	\$11.66	\$23.81	\$12.46

The above table does not include overtime.

THE FLOUR MILLING INDUSTRY IN CANADA, 1940.

Table 10. - Power Equipment in Flour Mills, 1939 and 1940

Classes of Power		1939		1940	
		Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines .....	In use	62	7,864	57	7,607
	Idle	7	412	4	280
Diesel engines .....	In use	49	2,488	54	2,768
	Idle	1	9	-	-
Gasoline, gas and oil engines other than diesel .....	In use	49	1,198	37	915
	Idle	11	284	12	360
Hydraulic turbines or water wheels .....	In use	192	14,165	175	13,399
	Idle	4	385	2	65
Electric motors operated by purchased power ..	In use	1,642	48,825	1,679	49,226
	Idle	84	4,943	105	4,564
TOTAL POWER USED IN MANUFACTURING .....		2,101	80,573	2,125	79,184
Electric motors operated by power generated by the establishment ...	In use	86	3,350	88	3,406
	Idle	-	-	-	-
Boilers .....	In use	92	10,416	86	9,088
	Idle	4	262	6	1,065

Table 11. - Consumption of Fuel and Electricity, 1939 and 1940

Kinds of Fuel	Unit of Measure	1939		1940	
		Quantity	Cost Value	Quantity	Cost Value
Coal -	Ton		\$		\$
Bituminous .....	(2000 lb.)	21,966	112,224	24,136	110,096
Anthracite .....	"	- 276	2,234	85	1,026
Lignite .....	"	13,951	40,612	15,318	45,215
Coke .....	"	18	150	54	429
Gasoline .....	Imp. Gal.	37,545	8,462	109,237	28,364
Fuel oil .....	" "	181,049	20,936	198,431	25,388
Wood .....	Cord	10,705	28,971	10,769	30,315
Gas, manufactured and natural .....	M cu.ft.	446,373	28,150	428,800	22,638
All other fuel .....	-	-	11,700	-	9,665
TOTAL COST OF FUEL .....	-	-	253,439	-	273,136
Electricity purchased ...	K.W.H.	103,667,257	766,680	104,805,026	812,605
TOTAL COST OF FUEL AND ELECTRICITY .....	-	-	1,020,119	-	1,085,741



THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1940.

SECTION 3. - FEED AND CHOPPING MILLS IN CANADA, 1940

Table 1. - Principal Statistics of the Feed and Chopping Mill Industries in Canada, for the Years, 1925 - 1940.

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1925	855	5,093,202	1,047	685,331	16,094,695	19,906,832
1926	849	5,154,458	1,160	736,179	17,915,541	21,046,462
1927	884	5,695,314	1,236	814,361	20,456,869	24,144,145
1928	894	5,947,496	1,271	861,259	20,164,304	23,626,329
1929	916	6,558,329	1,310	863,316	20,369,239	23,874,360
1930	894	6,352,859	1,250	793,889	16,853,969	20,351,422
1931	893	6,018,831	1,261	755,501	12,686,173	16,136,937
1932	896	5,865,873	1,261	664,024	10,763,345	13,713,517
1933	915	7,065,073	1,317	685,448	11,578,261	14,575,475
1934	875	6,801,746	1,370	691,321	12,656,243	15,575,583
1935	743	6,197,194	1,210	685,828	12,693,050	15,611,931
1936	755	6,592,197	1,269	757,035	16,641,994	20,296,505
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
<u>1939</u>						
CANADA	747	6,758,343	1,358	894,126	16,270,466	20,031,379
Prince Edward Island	4	10,350	4	726	12,209	14,810
Nova Scotia	8	188,459	18	15,361	442,231	502,090
New Brunswick	17	363,227	73	68,680	569,516	663,042
Quebec	128	822,723	169	84,454	1,224,111	1,586,991
Ontario	518	5,048,637	989	668,695	13,146,282	16,132,296
Manitoba	8	79,698	17	14,500	91,649	127,467
Saskatchewan	14	39,225	14	4,476	86,277	105,810
Alberta	47	149,366	67	31,949	676,452	868,366
British Columbia	3	56,658	7	5,285	21,739	30,507
<u>1940</u>						
CANADA	748	7,496,105	1,491	998,623	18,804,887	23,337,432
Prince Edward Island	3	7,200	3	396	4,928	6,220
Nova Scotia	7	244,535	16	13,591	416,075	474,380
New Brunswick	15	419,951	74	57,473	1,104,590	1,228,594
Quebec	131	879,273	180	92,908	1,543,675	1,983,881
Ontario	520	5,635,794	1,104	770,136	14,691,457	18,297,617
Manitoba	8	72,512	17	14,690	80,381	120,561
Saskatchewan	12	26,623	17	5,166	96,265	120,636
Alberta	49	144,935	71	37,315	841,811	1,066,259
British Columbia	3	65,282	9	6,948	25,705	39,284

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1940.

Table 2. - Production in Feed and Chopping Mills by Classes, Quantity and Value for Canada and the Provinces, 1939 and 1940.

Provinces	Chopped Grain Feed		Other Products	Total
	Quantity	Value	Value	Value
	Tons	\$	\$	\$
<u>1939</u>				
CANADA .....	673,421	17,791,416	2,239,963	20,031,379
Prince Edward Island ...	507	14,810	-	14,810
Nova Scotia .....	811	26,024	476,066	502,090
New Brunswick .....	4,222	148,186	514,856	663,042
Quebec .....	50,368	1,576,635	10,356	1,586,991
Ontario .....	569,966	14,965,933	1,166,363	16,132,296
Manitoba .....	3,336	84,640	42,827	127,467
Saskatchewan .....	4,261	96,440	9,370	105,810
Alberta .....	39,440	864,621	3,745	868,366
British Columbia .....	510	14,127	16,380	30,507
<u>1940</u>				
CANADA .....	773,027	19,954,743	3,382,689	23,337,432
Prince Edward Island ...	207	6,220	-	6,220
Nova Scotia .....	985	29,099	445,281	474,380
New Brunswick .....	4,855	155,435	1,073,159	1,228,594
Quebec .....	61,669	1,851,618	132,263	1,983,881
Ontario .....	649,000	16,650,364	1,647,253	18,297,617
Manitoba .....	3,416	71,410	49,151	120,561
Saskatchewan .....	5,306	117,596	3,040	120,636
Alberta .....	46,987	1,055,977	10,282	1,066,259
British Columbia .....	602	17,024	22,260	39,284

Table 3. - Materials Used in Feed and Chopping Mills, 1939 and 1940

Materials	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
			\$		\$
Wheat .....	Bushel	411,488	275,024	456,729	329,519
Oats .....	"	3,791,929	1,363,885	4,250,219	1,548,262
Barley .....	"	1,200,798	544,360	2,104,395	1,023,632
Rye .....	"	45,332	26,506	69,403	39,943
Corn .....	"	1,394,508	1,069,860	1,312,685	1,061,878
Buckwheat .....	"	174,311	107,187	166,053	104,671
Peas .....	"	21,436	37,060	31,982	55,162
Mixed grain .....	"	28,498,721	12,333,494	32,156,772	13,356,665
Other grains .....	"	406,508	89,695	325,344	111,744
Cost of containers .....	-	-	136,909	-	198,404
Materials used for making containers .....	-	-	900	-	1,857
All other materials .....	-	-	285,586	-	973,150
TOTAL .....	-	-	16,270,466	-	18,804,887

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1940.

Table 4. - Capital Invested in Feed and Chopping Mills in Canada,  
for the Years 1925 - 1940

Year	Fixed Capital	Working Capital		Total Capital
	Present value of land, buildings, fixtures, machinery, tools, etc.	Inventory value of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies, etc.	Cash, trading and operating accounts etc.	
	\$	\$	\$	\$
1925 .....	4,182,898	455,277	455,027	5,093,202
1926 .....	4,146,477	470,925	537,056	5,154,458
1927 .....	4,439,973	604,963	650,378	5,695,314
1928 .....	4,606,578	694,514	646,404	5,947,496
1929 .....	5,135,863	773,207	649,259	6,558,329
1930 .....	5,190,789	598,200	563,870	6,352,859
1931 .....	4,769,977	600,184	648,670	6,018,831
1932 .....	4,643,405	513,708	708,760	5,865,873
1933 .....	5,636,916	680,919	747,238	7,065,073
1934 .....	5,177,302	751,160	873,284	6,801,746
1935 .....	4,769,086	658,972	769,136	6,197,194
1936 .....	4,857,890	893,784	840,523	6,592,197
1937 .....	4,865,347	908,866	888,075	6,662,288
1938 .....	4,883,222	921,036	911,015	6,715,273
<u>1939</u>				
CANADA .....	4,914,395	851,517	992,431	6,758,343
Prince Edward Island.	10,000	100	250	10,350
Nova Scotia .....	76,884	45,880	65,695	188,459
New Brunswick .....	153,914	90,305	119,008	363,227
Quebec .....	657,787	77,616	87,320	822,723
Ontario .....	3,810,578	588,255	649,804	5,048,637
Manitoba .....	38,815	21,288	19,595	79,698
Saskatchewan .....	29,600	5,100	4,525	39,225
Alberta .....	121,465	14,416	13,485	149,366
British Columbia ..	15,352	8,557	32,749	56,658
<u>1940</u>				
CANADA .....	5,366,417	1,034,647	1,095,041	7,496,105
Prince Edward Island.	7,000	-	200	7,200
Nova Scotia .....	99,680	93,150	51,705	244,535
New Brunswick .....	170,688	102,110	147,153	419,951
Quebec .....	738,962	52,588	87,723	879,273
Ontario .....	4,155,444	754,397	725,953	5,635,794
Manitoba .....	36,720	11,735	24,057	72,512
Saskatchewan .....	15,664	4,035	6,924	26,623
Alberta .....	123,040	8,717	13,178	144,935
British Columbia ..	19,219	7,915	38,148	65,282



THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1940.

Table 5. - Size of Establishments, 1939 and 1940.

Establishments having a production of -	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Total Production
	No.	\$	No.	\$	\$	\$
<u>1939</u>						
Under \$50,000 .....	659	4,051,083	954	522,490	10,502,614	12,998,127
\$50,000 to \$100,000 .....	76	1,041,878	208	168,034	3,904,856	4,814,454
\$100,000 to \$200,000 .....	10 )	1,665,382	196	203,602	1,862,996	2,218,798
\$200,000 to \$500,000 .....	2 )					
TOTAL .....	747	6,758,343	1,358	894,126	16,270,466	20,031,379
<u>1940</u>						
Under \$50,000 .....	632	4,090,918	970	540,928	10,285,315	12,920,961
\$50,000 to \$100,000 .....	99	1,392,824	288	214,636	5,283,398	6,488,001
\$100,000 to \$200,000 .....	12	630,818	98	108,514	1,456,180	1,766,936
\$200,000 to over \$1,000,000 ..	5	1,381,545	135	134,545	1,779,994	2,161,534
TOTAL .....	748	7,496,105	1,491	998,623	18,804,887	23,337,432

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1940.

Table 6. - Employees, Salaries and Wages in Feed and Chopping Mills, 1939 and 1940.

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.	\$
<u>1939</u>									
CANADA .....	600	21	406,000	729	8	488,126	1,329	29	894,126
Prince Edward Island .....	4	-	726	-	-	-	4	-	726
Nova Scotia ....	4	-	3,110	14	-	12,251	18	-	15,361
New Brunswick ..	17	8	21,418	48	-	47,262	65	8	68,680
Quebec .....	101	1	49,005	66	1	35,449	167	2	84,454
Ontario .....	408	10	294,026	565	6	374,669	973	16	668,695
Manitoba .....	9	-	9,760	8	-	4,740	17	-	14,500
Saskatchewan ...	10	-	1,835	4	-	2,641	14	-	4,476
Alberta .....	46	2	24,620	18	1	7,329	64	3	31,949
British Columbia.	1	-	1,500	6	-	3,785	7	-	5,285
<u>1940</u>									
CANADA ....	598	29	435,486	855	9	563,137	1,453	38	998,623
Prince Edward Island .....	3	-	396	-	-	-	3	-	396
Nova Scotia ...	2	-	1,704	14	-	11,887	16	-	13,591
New Brunswick ..	17	7	24,827	50	-	32,646	67	7	57,473
Quebec .....	91	1	44,554	88	-	48,354	179	1	92,908
Ontario .....	414	18	318,551	664	8	451,585	1,078	26	770,136
Manitoba .....	10	-	10,660	7	-	4,030	17	-	14,690
Saskatchewan ..	10	-	3,240	7	-	1,926	17	-	5,166
Alberta .....	48	2	29,118	20	1	8,197	68	3	37,315
British Columbia.	3	1	2,436	5	-	4,512	8	1	6,948

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1940.

Table 7. - Monthly Employment of Wage-earners, 1939 and 1940.

Months	In Feed and Chopping Mills			
	1939		1940	
	Male	Female	Male	Female
	No.	No.	No.	No.
January .....	708	5	834	6
February .....	706	6	842	7
March .....	703	7	845	7
April .....	678	7	816	7
May .....	667	7	797	8
June .....	650	8	772	9
July .....	651	7	767	10
August .....	662	8	775	10
September .....	713	8	800	10
October .....	719	7	822	9
November .....	742	8	858	9
December .....	751	6	849	10
Average monthly employment	729	8	855	9

Table 8. - Number of Wage-earners in Month of Highest Employment with their Regular Hours of Work and Average Weekly Earnings, 1939 and 1940.

Number of Hours Worked per Week	Number of Employees				Number of Hours Worked per Week	Number of Employees			
	1939		1940			1939		1940	
	Male	Female	Male	Female		Male	Female	Male	Female
30 hours or less	75	3	80	2	51-54 hours	126	-	147	1
31-43 hours ..	41	1	38	5	55 hours ...	48	-	54	-
44 hours .....	25	1	20	-	56-64 hours.	274	1	400	-
45-47 hours ...	17	-	9	-	65 hours and over ...	21	-	34	-
48 hours .....	114	1	133	1	Average hours per week	51.1	38.1	52.9	38.4
49-50 hours ..	30	1	37	-	Average weekly earnings	\$13.25	\$9.62	\$14.53	\$7.33





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THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1940.

Table 9. - Power Equipment in Feed and Chopping Mills, 1939 and 1940.

Classes of Power	1939		1940	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines	In use 24	1,203	16	855
	Idle 3	141	3	139
Diesel engines	In use 153	6,958	166	7,920
	Idle 4	210	6	480
Gasoline, gas and oil engines, other than diesel	In use 206	7,033	190	6,949
	Idle 23	609	19	568
Hydraulic turbines or water wheels	In use 309	10,849	309	11,545
	Idle 11	307	12	451
Electric motors operated by purchased power	In use 465	9,473	487	9,921
	Idle 15	1,242	23	1,445
<b>TOTAL POWER USED IN MANUFACTURING</b>	<b>1,213</b>	<b>38,025</b>	<b>1,231</b>	<b>40,273</b>
Electric motors operated by power generated by the establishment	7	152	4	108
<b>Total Electric Motors</b>	<b>487</b>	<b>10,867</b>	<b>514</b>	<b>11,474</b>
<b>TOTAL POWER INSTALLATION</b>	<b>1,220</b>	<b>38,177</b>	<b>1,235</b>	<b>40,381</b>
Boilers	In use 21	1,013	18	1,055
	Idle 3	200	3	52

Table 10. - Consumption of Fuel and Electricity in Feed and Chopping Mills, 1939 & 1940

Kinds of Fuel	Unit of Measure	1939		1940	
		Quantity	Total Cost at Mill	Quantity	Total Cost at Mill
Coal -	Ton		\$		\$
Bituminous	(2000 lb.)	2,849	15,687	1,457	10,390
Anthracite	"	552	5,974	474	5,650
Lignite	"	89	313	94	308
Coke	"	5	65	14	190
Gasoline	Imp. Gal.	174,888	37,968	204,882	46,242
Kerosene or coal oil	" "	12,875	1,426	7,989	1,119
Fuel or diesel oil	" "	431,349	45,936	527,643	56,388
Wood	Cord	1,729	5,378	1,337	4,420
Gas, manufactured and natural	M cu.ft.	18,055	10,015	31,361	12,756
Other fuel	-	-	8,164	-	5,651
<b>TOTAL COST OF FUEL</b>	-	-	130,926	-	143,114
Electricity purchased	K.W.H.	7,828,841	138,283	8,731,748	156,920
Electricity generated for sale	"	800	45	-	-
<b>TOTAL COST OF FUEL AND ELECTRICITY</b>	-	-	269,254	-	300,034