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**CANADA**

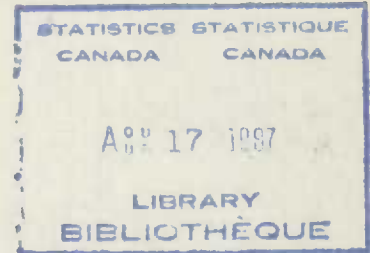
**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**CENSUS OF INDUSTRY**

**GENERAL MANUFACTURES BRANCH**

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**REPORT**

**ON THE**

**FLOUR AND FEED MILLING INDUSTRIES**

**IN**

**CANADA**

**1942**



OTTAWA  
1944

Price 25 cents

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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
GENERAL MANUFACTURES BRANCH  
OTTAWA - CANADA

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THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

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 1942 reveals an increase of 43 in the number of mills reporting, with 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 1929 to 1940 and by provinces for the years 1941 and 1942.

The industry operated at about the same level of production as in the previous year. Although there was an increase of \$15,292,034 or 10.6 per cent in the gross value of production and 192 in the number of persons employed, the physical volume of production was slightly lower. The increase in the value was mainly due to an increase of \$10,435,718 in the cost of materials used and an increase of \$878,224 in the salaries and wages paid. The output of flour declined by 749,539 barrels, oatmeal and rolled oats by 28,221 tons, and bran, shorts and middlings by 45,284 tons. There was, however, an increase of 56,916 tons in stock and poultry foods, and 108,525 tons in chopped grain feeds made. The increase in the gross value of production is also reflected in increased selling values of the principal products made by the industry, as follows:

Product	Unit	Selling Values	
		1941	1942
Wheat flour, all grades	Barrel	3.80	4.28
Oatmeal and rolled oats	Ton	65.32	71.33
Bran, shorts and middlings	"	22.22	25.60
Feed, chopped	"	29.47	32.04
Stock and poultry feeds	"	40.66	43.55

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 277 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 and other allied countries during the present war. Exports of wheat flour to all countries jumped accordingly to 10,638,143 barrels in 1942.

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Table 1. - Principal Statistics for the Years 1929 to 1942.

Year	Estab- lish- ments No.	Capital Invested \$	Em- ploys ees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
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
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
<u>1941</u>						
CANADA .....	1,129	59,941,631	6,528	7,898,329	115,939,001	144,171,637
Prince Edward Island .....	9	45,310	12	4,616	61,656	75,169
Nova Scotia .....	11	215,852	19	14,335	371,736	420,529
New Brunswick .....	20	448,829	94	87,726	1,353,706	1,507,609
Quebec .....	184	6,549,214	888	1,205,582	13,019,259	15,927,640
Ontario .....	707	30,581,505	3,539	4,209,213	70,942,112	87,523,051
Manitoba .....	38	6,055,494	573	598,331	7,966,683	9,749,916
Saskatchewan .....	58	7,729,791	587	816,059	11,640,163	15,386,235
Alberta .....	97	8,193,155	793	943,855	10,487,035	13,438,890
British Columbia .....	5	122,481	23	18,612	96,651	142,598
<u>1942</u>						
CANADA .....	1,171	62,586,759	6,720	8,776,553	126,374,719	159,463,671
Prince Edward Island .....	10	46,650	11	4,141	65,610	78,067
Nova Scotia .....	10	196,822	19	14,608	247,969	283,057
New Brunswick .....	16	152,350	39	27,459	332,576	391,882
Quebec .....	168	8,108,802	865	1,279,488	14,597,717	18,127,007
Ontario .....	755	32,412,350	3,788	4,770,980	76,863,163	95,784,404
Manitoba .....	41	5,880,462	570	715,501	9,828,287	12,196,087
Saskatchewan .....	64	7,526,465	630	880,072	13,041,196	17,851,352
Alberta .....	102	8,172,673	778	1,065,959	11,298,744	14,612,383
British Columbia .....	5	110,185	20	18,345	104,457	139,452
<u>1942</u>						
Flour mills .....	277	53,426,676	4,989	7,458,185	98,146,547	125,588,520
Feed and chopping mills .....	894	9,160,083	1,731	1,318,368	28,228,172	33,875,151
TOTAL .....	1,171	62,586,759	6,720	8,776,553	126,374,719	159,463,671

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Production. - The total value of all products of the two industries in 1942 amounted to \$159,463,671 of which wheat flour was accountable for \$86,042,907. Next in order of importance was chopped grain feed with a total of \$37,692,395 followed by shorts and middlings to the extent of \$10,470,914. Prepared Stock and poultry feeds takes fourth place with \$7,985,207 whilst Bran occupies fifth position with a valuation of \$6,831,427. The output of wheat flour of all grades in 1942 totalled 20,119,782 barrels valued at \$4.28 per barrel. This represents a decrease of 749,539 in the number of barrels produced and an increase of 48 cents in the selling price per barrel as compared with 1941.

Capital. - The capital employed in these industries represented an investment of \$62,586,759 which was divided as follows; fixed capital - consisting of present value of land, buildings, fixtures, machinery, tools, etc., - \$31,567,133 and working capital which comprises inventory value of materials on hand, stocks in process, finished products on hand, etc., \$21,974,860 and cash, bills and accounts receivable \$9,044,766.

Employees, Salaries and Wages. - The administrative and clerical work in connection with the two industries required the services of 1,787 male and 424 female employees whose total salaries amounted to \$3,118,239. The number of wage-earners employed was 4,353 male and 156 female which necessitated a payroll amounting to \$5,658,314.

Cost of Materials. - The total cost of all materials in both industries, including containers, amounted to \$126,374,719. Wheat of all types was by far the largest contributor to this sum with \$74,506,722. Mixed grain for chopping takes second place with \$23,646,685. The next largest item of expense was that of containers and container materials which accounted for \$10,725,139 whilst oats occupy fourth position with a total cost of \$7,711,059.

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Table 2. - Quantity and Value of Principal Mill Products in Canada, 1936 to 1942

Products	Unit of Measure	Quantity	Selling Value at Mill \$	Average Value \$
<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	14,208,860	80,597,091	5.67
Oatmeal and rolled oats .....	"	806,007	6,294,699	7.81
Bran, shorts and middlings .....	Ton	509,872	13,350,106	26.14
Feed, chopped .....	"	724,624	23,700,986	32.71
<u>1938</u>				
Wheat flour, all grades .....	Barrel	13,353,520	75,419,727	5.65
Oatmeal and rolled oats .....	"	830,293	6,408,292	7.72
Bran, shorts and middlings .....	Ton	468,328	10,524,583	22.96
Feed, chopped .....	"	758,420	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 .....	"	845,896	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	7,067,377	73.81
Bran, shorts and middlings .....	"	646,128	13,695,928	21.20
Feed, chopped .....	"	948,289	24,324,837	25.71
<u>1941</u>				
Wheat flour, all grades .....	Barrel	20,869,321	79,269,842	3.80
Oatmeal and rolled oats .....	Ton	95,932	6,266,204	65.32
Bran, shorts and middlings .....	"	721,292	16,027,612	22.22
Feed, chopped .....	"	1,068,061	31,478,328	29.47
<u>1942</u>				
Wheat flour, all grades .....	Barrel	20,119,732	86,042,907	4.28
Oatmeal and rolled oats .....	Ton	67,711	4,829,962	71.33
Bran, shorts and middlings .....	"	676,008	17,302,341	25.60
Feed, chopped .....	"	1,176,586	37,692,395	32.04

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Table 3. - Production in All Mills, by Classes, 1942.

Products	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
	Quantity	Value	Quantity	Value	
		\$		\$	\$
<u>CANADA</u>					
Wheat flour -					
Spring No. 1 Patent .. Bbl	6,384,617	29,370,524	53,103	226,175	29,596,699
Spring No. 2 Patent .. "	5,216,587	20,784,853	12,768	52,011	20,836,864
Spring Straight .....	5,345,911	22,503,220	79,216	329,607	22,832,827
Ontario Winter Straight "	1,139,609	5,714,421	998	4,946	5,719,367
Low grade flour .....	470,322	1,478,630	1,366	4,430	1,483,060
Feed flour .....	163,920	432,985	927	2,109	435,094
All other .....	1,246,771	5,124,847	3,667	14,149	5,138,996
Flour and meal, other -					
Whole wheat and Graham flour .....	Lb. 10,879,657	214,609	26,280	638	215,247
Prepared or self-raising flour .....	" 3,927,519	268,753	600	21	268,774
Barley, flour and meal "	" 7,363,630	135,487	20,000	360	135,847
Rye, flour and meal .. "	" 10,309,985	199,328	1,060	29	199,357
Corn flour .....	" 7,237,231	261,801	9,000	180	261,981
Corn meal .....	" 21,962,207	642,238	8,704	174	642,412
Buckwheat flour .....	" 1,567,332	46,400	526,190	16,691	63,091
Pea meal .....	" 99,900	1,498	-	-	1,498
Breakfast foods -					
Prepared breakfast foods .....	Lb. 7,966,826	1,159,851	-	-	1,159,851
Oatmeal .....	Ton 16,153	1,227,935	15	1,300	1,229,235
Rolled oats .....	" 51,543	3,600,727	-	-	3,600,727
Rolled or flaked wheat Lb.	4,495,637	104,236	6,880	220	104,456
Unprepared breakfast foods .....	" 9,573,019	354,562	37,407	893	355,455
Other products -					
Barley, pot and pearl Lb.	6,838,007	161,571	-	-	161,571
Corn, cracked .....	" 9,842,264	226,764	120	4	226,768
Peas, split .....	" 1,972,537	101,962	-	-	101,962
Stock and poultry foods Ton	181,749	7,919,045	1,598	66,162	7,985,207
Shorts and middlings .. "	394,956	10,395,081	3,515	75,833	10,470,914
Bean .....	" 273,989	6,755,080	3,548	76,347	6,831,427
Chopped grain feed ... "	209,930	6,809,879	966,656	30,882,516	37,692,395
Alfalfa meal .....	" 9,456	224,759	175	3,745	228,504
Offal, not otherwise specified .....	" 73,000	1,180,562	286	9,375	1,189,937
All other products ...	-	294,088	-	60	294,148
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TOTAL VALUE OF PRODUCTION IN ALL MILLS -	-	127,695,696	-	31,767,975	159,463,671

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Table 4. - Materials Used in All Mills, 1941 and 1942.

	C A N A D A		
	Unit of Measure	Quantity	Cost Value at Mill
			\$
<u>1 9 4 1</u>			
Wheat .....	Bushel	95,151,654	70,862,807
Oats .....	"	17,590,966	7,835,353
Barley .....	"	4,279,670	2,396,368
Rye .....	"	375,945	228,331
Corn .....	"	2,235,264	2,147,072
Buckwheat .....	"	256,176	165,218
Peas .....	"	35,313	66,447
Mixed grains for chopping .....	"	42,032,841	20,664,119
Other grains .....	"	364,658	210,120
Cost of containers purchased .....	-	-	8,487,399
Cost of materials used in making containers .....	-	-	70,972
All other materials .....	-	-	2,804,795
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TOTAL COST OF MATERIALS USED ..	-	-	115,939,001
<hr/>			
<u>1 9 4 2</u>			
Wheat .....	Bushel	93,547,907	74,506,722
Oats .....	"	15,524,583	7,711,059
Barley .....	"	5,374,345	3,341,710
Rye .....	"	591,764	291,571
Corn .....	"	1,869,997	2,059,802
Buckwheat .....	"	227,497	164,187
Peas .....	"	53,074	99,118
Mixed grains for chopping .....	"	43,473,588	23,646,685
Other grains .....	"	302,664	148,870
Cost of containers purchased.....	-	-	10,663,671
Cost of materials used in making containers .....	-	-	61,468
All other materials .....	-	-	3,679,856
<hr/>			
TOTAL COST OF MATERIALS USED ..	-	-	126,374,719



THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Table 5. - Capital Invested in all Mills, 1928 to 1940 and by Provinces, 1941 and 1942.

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.	
	\$	\$	\$	\$
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
1939 .....	26,591,745	13,674,935	7,659,638	47,926,318
1940 .....	27,346,254	18,381,555	6,442,683	52,170,492
<u>1 9 4 1</u>				
CANADA .....	30,947,302	20,198,602	8,795,727	59,941,631
Prince Edward Island .....	43,000	1,360	950	45,310
Nova Scotia .....	898,616	44,369	72,867	215,852
New Brunswick .....	183,669	120,428	144,732	448,829
Quebec .....	3,090,964	1,518,296	1,939,954	6,549,214
Ontario .....	18,478,281	8,935,190	3,268,034	30,581,505
Manitoba .....	2,532,279	3,085,640	437,575	6,055,494
Saskatchewan .....	3,077,508	2,946,708	1,705,575	7,729,791
Alberta .....	3,501,080	3,520,609	1,171,466	8,193,155
British Columbia .....	41,905	26,002	54,574	122,481
<u>1 9 4 2</u>				
CANADA .....	31,567,133	21,974,860	9,044,766	62,586,759
Prince Edward Island .....	44,000	1,300	1,350	46,650
Nova Scotia .....	76,314	76,597	43,911	196,822
New Brunswick .....	72,465	39,232	40,653	152,350
Quebec .....	3,618,857	2,104,046	2,385,899	8,108,802
Ontario .....	18,780,658	9,600,866	4,030,826	32,412,350
Manitoba .....	2,654,204	2,753,136	453,122	5,860,462
Saskatchewan .....	2,937,631	3,905,151	683,683	7,526,465
Alberta .....	3,346,583	3,471,200	1,354,890	8,172,673
British Columbia .....	36,421	23,332	50,432	110,185

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Table 6. - Employees, Salaries and Wages in all Mills, by Provinces, 1941 and 1942.

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>1941</u>									
CANADA .....	1,781	335	2,869,326	4,284	128	5,029,003	6,065	463	7,898,329
Prince Edward Island .....	7	-	2,626	5	-	1,990	12	-	4,616
Nova Scotia .	5	-	2,290	14	-	12,045	19	-	14,335
New Brunswick	24	8	30,771	62	-	56,955	86	8	87,726
Quebec .....	314	46	620,996	527	1	584,586	841	47	1,205,582
Ontario .....	829	145	1,197,085	2,481	84	3,012,128	3,310	229	4,209,213
Manitoba .....	141	28	219,055	380	24	379,276	521	52	598,331
Saskatchewan	197	50	367,506	326	14	448,553	523	64	816,059
Alberta .....	258	57	425,077	473	5	518,778	731	62	943,855
British Columbia ...	6	1	3,920	16	-	14,692	22	1	18,612
<u>1942</u>									
CANADA .....	1,787	424	3,118,239	4,353	156	5,658,314	6,140	580	8,776,553
Prince Edward Island .....	8	-	2,186	3	-	1,955	11	-	4,141
Nova Scotia .	5	-	1,360	13	1	13,248	18	1	14,608
New Brunswick	18	5	13,839	16	-	13,620	34	5	27,459
Quebec .....	293	56	619,219	514	2	660,269	807	58	1,279,488
Ontario .....	895	188	1,375,917	2,608	97	3,395,063	3,503	285	4,770,980
Manitoba .....	142	30	241,629	376	22	473,872	518	52	715,501
Saskatchewan	176	71	360,742	363	20	519,330	539	91	880,072
Alberta .....	245	73	499,696	446	14	566,263	691	87	1,065,959
British Columbia ...	5	1	3,651	14	-	14,694	19	1	18,345

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1942.

Table 7. - Power Equipment in all Mills, 1941 and 1942.

Classes of Power		1 9 4 1		1 9 4 2	
		Number of Units	Manufacturers'	Number of Units	Manufacturers'
			Rating of Horse-power Capacity		Rating of Horse-power Capacity
Steam engines .....	In use	70	8,193	55	7,162
	Idle	7	480	4	232
Diesel engines .....	In use	277	13,706	304	14,684
	Idle	10	491	15	759
Gasoline, gas and oil engines other than diesel	In use	284	9,744	326	11,700
	Idle	31	770	34	1,011
Hydraulic turbines or water wheels .....	In use	487	25,642	481	25,298
	Idle	20	727	24	969
Electric motors operated by purchased power .....	In use	2,626	63,998	2,745	66,270
	Idle	137	5,754	142	4,742
TOTAL POWER USED IN MANUFACTURING .....		3,949	129,505	4,130	132,827
Electric motors operated by power generated by the establishment .....	In use	90	3,204	76	2,270
	Idle	-	-	-	-
Boilers .....	In use	102	9,921	91	9,348
	Idle	11	1,690	6	1,065

Table 8. - Fuel and Electricity Used in all Mills, 1941 and 1942.

Kinds of Fuel	Unit of Measure	1 9 4 1		1 9 4 2	
		Quantity	Total Cost at Mill	Quantity	Total Cost at Mill
Bituminous coal .. ..	Short ton	30,254	176,784	29,275	203,775
Anthracite coal .....	" "	521	6,540	565	7,514
Lignite coal .....	" "	16,830	51,638	12,645	46,410
Coke .....	" "	41	432	10	103
Gasoline .....	Imp. Gal	472,056	128,464	531,688	156,714
Kerosene or coal oil ..	" "	5,219	977	7,117	1,061
Fuel and diesel oil ..	" "	897,568	107,434	929,325	115,826
Wood .....	Cord	9,377	30,163	9,476	34,511
Gas, manufactured and natural .....	M cu. ft.	586,958	38,847	556,850	42,402
Other fuel .....	-	-	6,849	-	12,059
Electricity purchased	K.W.H.	135,460,243	1,069,214	130,404,513	1,051,475
Electricity generated for sale .....	"	-	-	-	-
TOTAL COST OF FUEL AND ELECTRICITY .....		-	1,617,342	-	1,671,850

THE FLOUR MILLING INDUSTRY IN CANADA, 1942

SECTION 2. - THE FLOUR MILLING INDUSTRY, 1942.

Table 1. - Principal Statistics of the Flour Mills in Canada for the Years, 1928 to 1942

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
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	78,591,803
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	42,395,733	4,454	5,334,366	84,067,240	103,886,310
1939 .....	303	41,167,975	4,540	5,621,370	59,164,699	81,745,050
1940 .....	279	44,674,387	4,724	6,102,744	77,489,397	99,157,327
<u>1 9 4 1</u>						
CANADA .....	288	51,570,978	4,896	6,733,703	91,222,378	114,207,864
Prince Edward Island	6	38,010	8	4,225	55,636	67,769
Nova Scotia and New Brunswick .....	7	32,672	11	6,678	58,949	74,680
Quebec .....	45	5,710,136	694	1,089,894	11,341,347	13,808,391
Ontario .....	101	23,962,140	2,311	3,324,032	50,752,660	65,038,862
Manitoba .....	31	5,979,421	556	582,124	7,877,626	9,623,660
Saskatchewan .....	45	7,675,876	569	806,999	11,524,141	15,242,147
Alberta .....	48	8,050,260	724	901,139	9,515,368	12,209,757
British Columbia ...	5	122,481	23	18,612	96,651	142,598
<u>1 9 4 2</u>						
CANADA .....	281	53,482,276	4,999	7,465,544	98,182,809	125,634,302
Prince Edward Island	6	37,500	7	3,685	58,000	68,737
Nova Scotia and New Brunswick .....	5	25,213	8	5,249	52,526	68,668
Quebec .....	52	7,102,820	681	1,167,123	12,755,086	15,795,839
Ontario .....	96	25,000,491	2,432	3,695,894	52,904,250	67,195,118
Manitoba .....	27	5,742,058	540	690,440	9,616,608	11,906,554
Saskatchewan .....	47	7,485,199	608	869,150	12,854,099	17,626,240
Alberta .....	43	7,978,810	703	1,015,658	9,837,783	12,835,694
British Columbia <sup>1</sup> ...	5	110,185	20	18,345	104,457	139,452

1. Includes feed mills.

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 2. - Production in Flour Mills by Classes and the Provinces, 1942.

Products	Unit of Measure	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 ...	Barrel	6,384,617	29,370,524	53,103	226,175	29,596,699
Spring No. 2 Patent ...	"	5,216,587	20,784,853	12,768	52,011	20,836,864
Spring Straight .....	"	5,345,911	22,503,220	79,216	329,607	22,832,827
Ontario Winter Straight	"	1,139,609	5,714,421	996	4,946	5,719,367
Low grade flour .....	"	470,322	1,478,630	1,366	4,430	1,483,060
Feed flour .....	"	163,920	432,985	927	2,109	435,094
All other .....	"	1,246,771	5,124,847	3,667	14,149	5,138,996
<b>Flour and meal, other -</b>						
Whole wheat and graham flour .....	Lb.	9,980,239	192,808	26,280	638	193,446
Prepared or self-raising flour .....	"	3,928,519	268,123	600	21	268,144
Barley, flour and meal	"	3,455,930	58,846	-	-	58,846
Rye, flour and meal ...	"	9,327,005	184,804	900	25	184,529
Corn flour .....	"	5,267,126	192,041	-	-	192,041
Corn meal .....	"	13,520,984	429,682	-	-	429,682
Buckwheat flour .....	"	1,128,848	31,412	241,460	7,253	38,665
<b>Breakfast foods -</b>						
Prepared breakfast foods	Lb.	7,659,249	1,126,864	-	-	1,126,864
Oatmeal .....	Ton	16,130	1,226,084	8	600	1,226,684
Rolled oats .....	"	48,783	3,385,266	-	-	3,385,266
Rolled or flaked wheat	Lb.	3,385,916	75,695	6,880	220	75,915
Unprepared breakfast foods .....	"	8,613,149	318,677	36,207	833	319,510
<b>Other products -</b>						
Barley, pot and pearl .	Lb.	5,350,018	127,063	-	-	127,063
Corn, cracked .....	"	4,934,300	114,732	-	-	114,732
Stock and poultry foods	Ton	138,030	6,051,061	277	11,900	6,062,961
Shorts and middlings ..	"	394,956	10,395,081	3,515	75,833	10,470,914
Bran .....	"	273,989	6,755,080	3,548	70,347	6,831,427
Chopped grain feed ....	"	85,489	2,736,840	136,935	4,378,684	7,115,524
Alfalfa meal .....	"	3,089	68,905	110	2,480	71,385
Offal, not otherwise specified .....	"	57,392	981,588	100	3,470	950,058
All other products ....	-	-	266,927	-	30	266,957
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>120,396,759</b>	<b>-</b>	<b>5,191,761</b>	<b>125,588,520</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 2. - Production in Flour Mills by Classes and the Provinces, 1942 - 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	-	-	-	-	-
Spring Straight .....	"	-	-	3,258	15,388	15,388
Low grade .....	"	-	-	52	167	167
All other .....	"	-	-	30	150	150
Flour and meal, other -						
Whole wheat and graham flour .....	Lb.	60,000	1,710	-	-	1,710
Breakfast foods -						
Oatmeal .....	Ton	3	232	-	-	232
Unprepared breakfast foods .....	Lb.	60,000	1,710	-	-	1,710
Other products -						
Shorts and middlings .	Ton	-	-	95	3,020	3,020
Bran .....	"	-	-	104	3,051	3,051
Chopped grain feed ...	"	17	574	1,413	42,755	43,309
Offal, not otherwise specified .....	"	-	-	-	-	-
All other products ...	-	-	-	-	-	-
TOTAL .....	-	-	4,226	-	64,511	68,737
<u>NOVA SCOTIA AND NEW BRUNSWICK</u>						
Wheat flour -						
Spring No. 1 Patent ..	Barrel	-	-	-	-	-
Spring No. 2 Patent ..	"	-	-	372	2,610	2,610
Spring Straight .....	"	-	-	970	4,818	4,818
Low grade .....	"	-	-	-	-	-
All other .....	"	-	-	70	350	350
Flour and meal, other -						
Barley, flour and meal	Lb.	-	-	-	-	-
Buckwheat flour .....	"	-	-	241,460	7,253	7,253
Breakfast foods -						
Oatmeal .....	Ton	-	-	8	600	600
Other products -						
Shorts and middlings -	Ton	-	-	61	1,747	1,747
Bran .....	Ton	-	-	84	2,170	2,170
Chopped grain feed ...	"	-	-	1,487	45,650	45,650
Offal, not otherwise specified .....	"	-	-	100	3,470	3,470
All other products ...	-	-	-	-	-	-
TOTAL .....	-	-	-	-	68,668	68,668

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 2. - Production in Flour Mills by Classes and Provinces, 1942 - 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	1,121,098	4,792,645	9,585	47,305	4,839,950
Spring No. 2 Patent ...	"	340,782	1,425,879	-	-	1,425,879
Spring Straight .....	"	956,764	3,873,896	92	460	3,874,356
Ontario Winter Straight	"	1,760	9,965	-	-	9,965
Low grade .....	"	62,575	239,849	-	-	239,849
Feed flour .....	"	36,897	136,044	-	-	136,044
All other .....	"	28,106	118,953	-	-	118,953
Flour and meal, other -						
Barley, flour and meal	Lb.	-	-	-	-	-
Corn flour .....	"	1,257,242	37,700	-	-	37,700
Corn meal .....	"	92,000	1,840	-	-	1,840
Buckwheat flour .....	"	646,600	18,017	-	-	18,017
Wheat meal .....	"	-	-	-	-	-
Breakfast foods -						
Prepared breakfast foods	Lb.	135,576	20,336	-	-	20,336
Oatmeal .....	Ton	-	-	-	-	-
Other products -						
Barley, pot and pearl .	Lb.	753,424	23,064	-	-	23,064
Corn cracked .....	"	245,000	4,904	-	-	4,904
Stock and poultry foods	Ton	28,601	1,286,820	277	11,900	1,298,720
Shorts and middlings ..	"	48,332	1,457,794	170	5,204	1,462,998
Bran .....	"	34,060	965,258	153	4,295	969,553
Chopped grain feed ....	"	17,710	558,084	21,007	720,757	1,278,841
Alfalfa meal .....	"	20	425	50	1,100	1,525
Offal, not otherwise specified .....	"	955	31,345	-	-	31,345
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>15,002,818</b>	<b>-</b>	<b>791,021</b>	<b>15,793,839</b>

ONTARIO

Wheat flour -						
Spring No. 1 Patent ...	Barrel	3,621,983	17,038,173	-	-	17,038,173
Spring No. 2 Patent ...	"	3,086,518	17,286,652	-	-	12,286,652
Spring Straight .....	"	1,626,762	7,278,271	-	-	7,278,271
Ontario Winter Straight	"	1,137,849	5,704,456	998	4,946	5,709,402
Low grade .....	"	273,538	867,761	93	325	868,086
Feed flour .....	"	27,529	78,332	-	-	78,332
All other .....	"	481,271	2,182,535	-	-	2,182,535
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	5,346,260	98,964	-	-	98,964
Prepared or self-raising flour .....	"	3,648,822	250,405	-	-	250,405
Barley, flour and meal	"	3,337,730	57,829	-	-	57,829
Rye, flour and meal ...	"	9,131,500	179,301	-	-	179,301
Corn flour .....	"	4,009,884	154,341	-	-	154,341

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 2. - Production in Flour Mills by Classes and Provinces, 1942 - Continued.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<b>ONTARIO - Con.</b>						
Flour and meal, other-con.						
Corn meal .....	Lb.	13,428,984	427,842	-	-	427,842
Buckwheat flour .....	"	482,248	13,395	-	-	13,395
Breakfast foods -						
Prepared breakfast foods	"	7,214,352	1,074,669	-	-	1,074,669
Oatmeal .....	Ton	14,857	1,137,464	-	-	1,137,464
Rolled Oats .....	"	2,686	185,251	-	-	185,251
Rolled or flaked wheat	Lb.	2,847,189	58,275	-	-	58,275
Unprepared breakfast foods .....	"	4,937,800	125,233	-	-	125,233
Other products -						
Barley, pot and pearl	Lb.	2,275,952	55,601	-	-	55,601
Corn, cracked .....	"	4,573,772	107,154	-	-	107,154
Stock and poultry foods	Ton	91,813	3,949,150	-	-	3,949,150
Shorts and middlings ..	"	185,718	5,157,669	25	77	5,157,669
Bran .....	"	141,053	3,608,274	30	895	3,609,169
Chopped grain feed .....	"	39,855	1,318,831	96,055	3,120,196	4,439,027
Alfalfa meal .....	"	2,769	61,580	-	-	-
Offal, not otherwise specified .....	"	13,448	345,355	-	-	345,355
All other products .....	-	-	265,993	-	-	265,993
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>84,687,979</b>	<b>-</b>	<b>3,127,139</b>	<b>67,195,118</b>

**MANITOBA**

Wheat flour -						
Spring No. 1 Patent .....	Barre	302,970	1,300,967	15,471	64,251	1,365,218
Spring No. 2 Patent .....	"	855,610	3,410,953	2,296	10,001	3,420,954
Spring Straight .....	"	733,923	2,740,431	5,494	23,028	2,763,459
Low grade .....	"	35,157	100,137	-	-	100,137
Feed flour .....	"	64,258	136,403	-	-	136,403
All other .....	"	43,277	166,931	2,734	10,350	177,331
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	812,828	16,418	-	-	16,418
Prepared or self-raising flour .....	"	4,000	240	-	-	240
Rye flour .....	"	117,636	3,566	-	-	3,566
Breakfast foods -						
Prepared breakfast foods	"	10,375	403	-	-	403
Oatmeal .....	Ton	540	37,956	-	-	37,956
Rolled oats .....	"	12,830	901,404	-	-	901,404
Rolled or flaked wheat	Lb.	508,340	4,392	1,000	40	4,432
Unprepared breakfast foods .....	"	324,561	21,908	6,394	135	22,044



THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 2. - Production in Flour Mills by Classes and Provinces, 1942 - 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.	1,277,331	16,928	-	-	16,928
Stock and poultry foods	Ton	11,877	500,640	-	-	500,640
Shorts and middlings ...	"	37,273	1,022,289	600	14,222	1,036,511
Bran .....	"	27,220	677,401	720	17,484	694,885
Chopped grain feed .....	"	16,472	491,418	3,234	86,800	578,218
Offal, not otherwise specified .....	"	9,423	129,372	-	-	129,372
All other products .....	-	-	35	-	-	35
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>11,680,242</b>	<b>-</b>	<b>226,312</b>	<b>11,906,554</b>
<u>SASKATCHEWAN</u>						
Wheat flour -						
Spring No. 1 Patent ....	Barrel	795,651	3,800,426	22,183	38,615	3,889,041
Spring No. 2 Patent ....	"	117,450	483,260	8,938	34,135	517,395
Spring Straight .....	"	1,508,331	6,620,609	42,969	178,312	6,798,921
Low grade .....	"	15,182	47,539	1,181	3,878	51,417
Feed flour .....	"	10,141	25,305	274	603	25,908
All other .....	"	314,850	1,110,172	545	2,204	1,112,376
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	199,775	5,769	13,340	316	6,085
Prepared or self-raising flour .....	"	6,503	422	-	-	422
Rye flour .....	"	37,329	732	900	25	757
Breakfast foods -						
Prepared breakfast foods	"	238,200	19,312	-	-	19,312
Oatmeal .....	Ton	349	24,224	-	-	24,224
Rolled oats .....	"	26,655	1,843,241	-	-	1,843,241
Rolled or flaked wheat .	Lb.	391,945	12,545	-	-	12,545
Unprepared breakfast foods .....	"	149,465	3,707	20,057	401	4,108
Other products -						
Barley, pot and pearl ..	Lb.	902,580	27,790	-	-	27,790
Stock and poultry foods	Ton	1,121	51,250	-	-	51,250
Shorts and middlings ...	"	77,476	1,747,084	1,864	36,029	1,783,113
Bran .....	"	38,626	833,972	1,604	30,644	864,616
Chopped grain feed .....	"	3,289	124,574	3,420	91,354	215,928
Offal, not otherwise specified .....	"	26,113	377,663	-	-	377,663
All other products .....	-	-	98	-	30	128
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>17,159,694</b>	<b>-</b>	<b>466,546</b>	<b>17,626,240</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 2. - Production of Flour Mills by Classes and the Provinces, 1942 - Continued.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
			\$		\$	\$
<b>ALBERTA</b>						
Wheat flour -						
Spring No. 1 Patent ...	Barrel	542,915	2,438,313	5,864	26,004	2,464,317
Spring No. 2 Patent ...	"	816,017	3,176,849	1,079	4,779	3,181,628
Spring Straight .....	"	518,607	1,987,393	26,418	107,526	2,094,919
Low grade .....	"	83,853	223,276	40	60	223,336
Feed flour .....	"	25,095	56,901	65	1,506	58,407
All other .....	"	379,267	1,546,206	288	1,095	1,547,301
Flour and meal, other -						
Whole wheat and Graham flour .....	Lb.	3,485,901	67,985	12,940	322	68,307
Prepared or self-raising flour .....	"	269,194	17,056	600	21	17,077
Rye, flour and meal ...	"	40,540	905	-	-	905
Barley, flour and meal ..	"	118,200	1,017	-	-	1,017
Corn meal .....	"	-	-	-	-	-
Breakfast foods -						
Prepared breakfast foods .....	Lb.	56,746	11,549	-	-	11,549
Oatmeal .....	Ton	381	26,208	-	-	26,208
Rolled oats .....	"	6,632	455,470	-	-	455,370
Rolled or flaked wheat	Lb.	37,442	483	5,880	180	663
Unprepared breakfast foods .....	"	3,264,748	164,120	9,756	296	164,416
Other products -						
Barley, not and pearl ..	Lb.	140,730	3,680	-	-	3,680
Corn, cracked .....	"	115,528	2,674	-	-	2,674
Stock and poultry foods	Ton	4,540	249,578	-	-	249,578
Shorts and middlings ..	"	46,141	1,010,638	698	14,786	1,025,424
Bran .....	"	33,033	669,566	849	17,716	687,282
Chopped grain feed ....	"	6,992	212,109	9,209	241,209	453,318
Offal, not otherwise specified .....	"	7,453	97,853	-	-	97,853
All other products ....	-	-	465	-	-	465
TOTAL .....		-	12,420,194	-	415,500	12,835,694

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

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

Materials	Unit of Measure	C A N A D A		Prince Edward Island	
		Quantity	Value	Quantity	Value
			\$		\$
Wheat .....	Bushel	91,865,281	73,138,139	19,729	18,401
Oats .....	"	9,927,550	5,007,683	31,130	14,595
Barley .....	"	2,537,239	1,640,161	-	-
Rye .....	"	276,660	187,718	-	-
Corn .....	"	1,156,450	1,296,251	-	-
Buckwheat .....	"	97,422	70,779	-	-
Peas .....	"	2,811	7,349	-	-
Mixed grain for chopping .....	"	6,223,420	3,461,658	49,140	23,240
Other grains .....	"	126,689	41,763	-	-
All other materials .....	-	-	2,880,272	-	859
Cost of containers purchased ..	-	-	10,353,911	-	905
Cost of materials used in making containers .....	-	-	60,863	-	-
<b>TOTAL .....</b>	-	-	<b>98,146,547</b>	-	<b>58,000</b>

		Nova Scotia and New Brunswick		Quebec	
		Quantity	Value	Quantity	Value
			\$		\$
Wheat .....	Bushel	9,603	9,335	11,323,557	9,735,663
Oats .....	"	15,794	6,898	609,815	338,155
Barley .....	"	7,000	4,700	746,822	490,267
Rye .....	"	-	-	12,300	7,800
Corn .....	"	-	-	87,451	99,023
Buckwheat .....	"	14,470	9,093	43,495	32,371
Peas .....	"	-	-	-	-
Mixed grain for chopping .....	"	52,121	22,500	414,835	227,480
Other grains .....	"	-	-	985	738
All other materials .....	-	-	-	-	721,441
Cost of containers purchased ..	-	-	-	-	1,094,056
Cost of materials used in making containers .....	-	-	-	-	8,092
<b>TOTAL .....</b>	-	-	<b>52,526</b>	-	<b>12,755,086</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 3. - Materials Used in Flour Mills, by Provinces, 1942 - Concluded

Kind	Unit of Measure	Ontario		Manitoba		Saskatchewan	
		Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$	
Wheat .....	Bushel	46,331,746	39,411,127	9,349,752	7,127,240	13,789,290	9,251,454
Oats .....	"	3,144,342	1,710,409	1,565,352	763,158	3,501,439	1,675,266
Barley .....	"	1,174,307	808,589	341,447	205,050	153,916	76,774
Rye .....	"	250,865	173,017	2,759	1,379	3,111	1,445
Corn .....	"	1,000,515	1,126,195	58,746	55,746	-	-
Buckwheat .....	"	37,249	27,288	2,208	2,027	-	-
Peas .....	"	2,811	7,349	-	-	-	-
Mixed grain for							
chopping .....	"	4,992,238	2,831,822	218,422	122,830	101,749	44,956
Other grains .....	"	40,851	26,714	84,588	13,956	-	-
All other materials ..	-	-	1,630,357	-	202,475	-	43,965
Cost of containers							
purchased .....	-	-	5,099,412	-	1,122,747	-	1,759,439
Cost of materials used							
in making containers	-	-	51,971	-	-	-	800
TOTAL .....	-	-	52,904,250	-	9,616,608	-	12,854,099

Kind	Unit of Measure	Alberta		British Columbia /1	
		Quantity	Value	Quantity	Value
		\$		\$	
Wheat .....	Bushel	11,008,228	7,563,271	49,643	36,647
Oats .....	"	1,012,891	481,712	74,198	29,348
Barley .....	"	85,565	41,254	36,595	18,482
Rye .....	"	7,625	4,077	3,600	2,800
Corn .....	"	10,228	15,287	374	463
Buckwheat .....	"	-	-	-	-
Peas .....	"	-	-	-	-
Mixed grain for					
chopping .....	"	394,075	188,620	840	210
Other grains .....	"	265	355	-	-
All other materials ..	-	-	270,355	-	10,820
Cost of containers					
purchased .....	-	-	1,272,852	-	5,687
Cost of materials used					
in making containers	-	-	-	-	-
TOTAL .....	-	-	9,837,783	-	104,457

1. Includes feed mills.

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 4. - Capital Invested in Flour Mills, for the years, 1932 - 1942

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.	
	\$	\$	\$	\$
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	17,843,149	9,300,169	52,491,680
1935 .....	25,228,104	15,702,433	9,347,584	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
1939 .....	21,677,350	12,823,418	6,667,207	41,167,975
1940 .....	21,979,837	17,346,908	5,347,642	44,674,387
<u>1941</u>				
CANADA .....	25,056,978	18,902,695	7,611,305	51,570,978
Prince Edward Island	36,000	1,360	650	38,010
Nova Scotia and New Brunswick .....	27,800	4,872	-	32,672
Quebec .....	2,459,259	1,422,598	1,828,261	5,710,118
Ontario .....	13,577,530	7,925,983	2,458,627	23,962,140
Manitoba .....	2,494,139	3,072,876	412,406	5,979,421
Saskatchewan .....	3,036,641	2,939,736	1,699,499	7,675,876
Alberta .....	3,383,704	3,509,268	1,157,288	8,050,260
British Columbia ....	41,905	26,002	54,574	122,481
<u>1942</u>				
CANADA .....	25,313,096	20,519,702	7,649,478	53,482,276
Prince Edward Island	35,000	1,300	1,200	37,500
Nova Scotia and New Brunswick .....	19,500	713	5,000	25,213
Quebec .....	2,915,464	1,967,361	2,219,995	7,102,820
Ontario .....	13,630,880	8,443,138	2,926,473	25,000,491
Manitoba .....	2,584,074	2,727,585	430,399	5,742,058
Saskatchewan .....	2,904,271	3,900,517	680,411	7,485,199
Alberta .....	3,187,486	3,455,756	1,335,568	7,978,810
British Columbia /1 .	36,421	23,332	50,432	110,185

1. Includes feed mills.

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 5. - Size of Establishments, 1941 and 1942.

Establishments having a production of -	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Total Production \$
<u>1941</u>						
Under \$50,000 .....	192	3,810,640	550	520,496	3,283,523	4,371,596
\$50,000 to \$100,000 .....	34	1,095,313	180	179,367	1,897,930	2,435,655
\$100,000 to \$200,000 .....	15	820,690	142	145,218	1,710,260	2,175,682
\$200,000 to \$500,000 .....	14	1,568,421	210	265,234	3,615,464	4,287,016
\$500,000 to \$1,000,000 .....	8	1,314,068	203	307,061	4,025,457	4,856,873
\$1,000,000 to \$5,000,000 .....	16	22,640,593	1,664	2,300,660	33,143,263	41,897,503
\$5,000,000 and over .....	6	20,266,277	1,936	3,007,995	43,514,325	54,139,542
<b>TOTAL .....</b>	<b>285</b>	<b>51,516,002</b>	<b>4,885</b>	<b>6,726,031</b>	<b>91,190,222</b>	<b>114,163,867</b>
<u>1942</u>						
Under \$50,000 .....	175	3,046,517	432	421,772	2,359,689	3,067,436
\$50,000 to \$100,000 .....	38	1,029,680	166	178,698	2,243,142	2,749,754
\$100,000 to \$200,000 .....	19	1,109,422	189	212,101	2,116,565	2,653,233
\$200,000 to \$500,000 .....	15	1,561,936	230	295,456	4,192,313	4,958,359
\$500,000 to \$1,000,000 .....	8	1,941,111	239	363,766	5,210,806	6,182,111
\$1,000,000 to \$5,000,000 .....	13	16,572,762	1,413	2,072,721	24,291,656	30,417,384
\$5,000,000 and over .....	9	28,165,248	2,320	3,912,671	57,732,376	75,560,243
<b>TOTAL .....</b>	<b>277</b>	<b>53,426,676</b>	<b>4,989</b>	<b>7,458,185</b>	<b>98,146,547</b>	<b>125,588,520</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 6a. - Daily Capacity of Flour Mills, 1941 and 1942.

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>1941</u>							
Under 100 barrels .....	179	7,677	43	7.8	279,980	1,564	1.3
100 to 199 barrels .....	61	7,539	123	7.6	619,262	10,151	3.0
200 to 299 barrels .....	13	2,933	227	3.0	415,553	31,966	2.0
300 to 499 barrels .....	5	1,945	389	2.0	575,899	115,180	2.8
500 to 999 barrels .....	8	5,845	730	5.9	1,256,409	157,051	6.0
1,000 to 2,999 barrels ...	11	22,050	2,004	22.3	6,091,355	553,760	29.2
3,000 to 4,999 barrels ...	3	10,250	3,417	10.4	2,965,775	988,592	14.2
5,000 barrels and over ...	5	40,500	8,100	41.0	8,665,088	1,733,018	41.5
<b>TOTAL AND AVERAGE ....</b>	<b>285</b>	<b>98,739</b>	<b>346</b>	<b>100.0</b>	<b>20,869,321</b>	<b>73,226</b>	<b>100.0</b>
<u>1942</u>							
Under 100 barrels .....	175	8,024	46	8.1	292,986	1,674	1.5
100 to 199 barrels .....	56	6,915	123	7.0	601,382	10,739	3.0
200 to 299 barrels .....	15	3,473	232	3.5	472,280	31,485	2.2
300 to 499 barrels .....	5	1,925	385	2.0	566,785	113,357	2.8
500 to 999 barrels .....	7	5,425	775	5.5	1,096,815	156,688	5.5
1,000 to 2,999 barrels ...	11	22,050	2,005	22.4	6,087,435	553,403	30.3
3,000 to 4,999 barrels ...	3	10,250	3,417	10.4	2,791,589	930,530	13.9
5,000 barrels and over ...	5	40,500	8,100	41.1	8,210,510	1,642,102	40.8
<b>TOTAL AND AVERAGE ....</b>	<b>277</b>	<b>98,562</b>	<b>355</b>	<b>100.0</b>	<b>20,119,782</b>	<b>72,635</b>	<b>100.0</b>

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 5b. - Equipment and Capacity of Flour Mills, 1942.

Province	Estab-	Pairs	Pairs	Estimated
	lish- ments	of Rolls	of Stones	Maximum Capacity per day
	No.	No.	No.	Bbl.
Prince Edward Island .....				
and				
Nova Scotia .....	8	34	4	369
New Brunswick .....	3	16	-	225
Quebec .....	52	365	89	11,903
Ontario .....	96	1,754	31	50,884
Manitoba .....	27	502	4	9,915
Saskatchewan .....	47	565	15	13,466
Alberta .....				
and				
British Columbia .....	44	539	1	11,800
CANADA .....	277	3,775	144	98,562



THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 7. - Employees, Salaries and Wages in Flour Mills, 1941 and 1942.

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.	\$
<u>1941</u>									
CANADA ...	1,109	304	2,373,583	3,367	115	4,360,120	4,476	420	6,733,703
Prince Edward Island .....	4	-	2,310	4	-	1,915	8	-	4,225
Nova Scotia & New Brunswick	7	-	3,598	4	-	3,080	11	-	6,678
Quebec .....	201	45	559,825	447	1	534,069	648	46	1,089,894
Ontario .....	360	126	842,849	1,753	72	2,481,183	2,113	198	3,324,052
Manitoba .....	134	28	208,487	370	24	373,637	504	52	582,124
Saskatchewan .	186	49	362,253	320	14	444,746	506	63	806,999
Alberta .....	211	55	394,341	453	5	506,796	664	60	901,139
British Columbia .....	6	1	3,920	16	-	14,692	22	1	18,612
<u>1942</u>									
CANADA ...	1,050	387	2,570,429	3,423	139	4,095,115	4,473	526	7,465,544
Prince Edward Island .....	4	-	1,730	3	-	1,935	7	-	3,665
Nova Scotia & New Brunswick	5	-	2,560	3	-	2,659	8	-	5,249
Quebec .....	198	33	565,716	429	1	601,407	627	54	1,187,123
Ontario .....	361	161	950,064	1,828	82	2,745,830	2,189	243	3,695,894
Manitoba .....	124	30	225,630	364	22	464,810	486	52	690,440
Saskatchewan ..	161	71	356,100	356	20	513,050	517	91	869,150
Alberta .....	192	71	464,978	426	14	550,680	618	85	1,015,658
British Columbia /1 ..	5	1	3,651	14	-	14,694	19	1	18,345

1. Includes feed mills.

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 8. - Monthly Employment of Wage-earners, 1941 and 1942.

Months	In Flour Mills			
	1 9 4 1		1 9 4 2	
	Male No.	Female No.	Male No.	Female No.
January .....	3,155	93	3,349	103
February .....	3,124	109	3,285	107
March .....	3,176	96	3,315	110
April .....	3,216	110	3,398	112
May .....	3,335	102	3,359	116
June .....	3,365	95	3,329	111
July .....	3,484	111	3,369	118
August .....	3,329	123	3,504	130
September .....	3,526	155	3,461	164
October .....	3,514	144	3,493	184
November .....	3,515	136	3,535	184
December .....	3,416	105	3,484	186
Average monthly employment	3,360	116	3,418	139

Table 9. - Number of Wage-earners in Month of Highest Employment with their Regular Hours of Work and Average Weekly Earnings, 1941 and 1942

Number of Hours Worked per week	Number of Employees				Number of Hours Worked per week	Number of Employees			
	1 9 4 1		1 9 4 2			1 9 4 1		1 9 4 2	
	Male	Female	Male	Female		Male	Female	Male	Female
30 hours or less .....	102	12	165	7	51 - 54 hours	360	28	496	-
31 - 43 hours .	100	5	93	14	55 hours ....	42	-	103	1
44 hours .....	58	10	54	33	56 - 64 hours	1,109	14	1,111	1
45 - 47 hours .	32	5	52	14	65 hours and over .....	375	-	399	-
48 hours .....	1,454	73	1,216	110	Average hours per week	53.3	47.6	53.3	45.7
49 - 50 hours .	109	15	120	11	Average weekly earnings ...	\$25.76	\$13.73	\$26.50	\$16.34

The above table does not include overtime.

THE FLOUR MILLING INDUSTRY IN CANADA, 1942.

Table 10. - Power Equipment in Flour Mills, 1941 and 1942.

Classes of Power		1941		1942	
		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	55	7,443	48	6,907
	Idle	4	310	2	110
Diesel engines .....	In use	65	3,405	60	3,178
	Idle	1	9	3	144
Gasoline, gas and oil engines other than diesel .....	In use	47	1,161	52	1,254
	Idle	8	191	9	302
Hydraulic turbines or water wheels .....	In use	170	13,570	1682	13,079
	Idle	3	78	4	200
Electric motors operated by purchased power .....	In use	2,031	53,007	2,083	54,568
	Idle	116	4,379	117	4,268
TOTAL POWER USED IN MANUFACTURING .....		2,500	83,553	2,546	84,010
Electric motors operated by power generated by the establishment .....	In use	85	3,092	69	2,142
	Idle	-	-	-	-
Boilers .....	In use	86	8,956	82	8,863
	Idle	10	1,390	6	1,065

Table 11. - Consumption of Fuel and Electricity, 1941 and 1942.

Kinds of Fuel	Unit of Measure	1941		1942	
		Quantity	Cost Value	Quantity	Cost Value
Coal -	Ton		\$		\$
Bituminous .....	(2000 lb.)	27,953	161,804	27,087	181,681
Anthracite .....	"	100	1,380	149	1,918
Lignite .....	"	16,729	51,293	12,550	45,999
Coke .....	"	23	223	3	36
Gasoline .....	Imp. Gal.	155,040	45,444	170,074	53,294
Fuel oil .....	" "	236,936	32,810	181,528	28,004
Wood .....	Cord	8,403	26,395	7,144	28,063
Gas, manufactured and natural .....	M cu. ft.	561,821	24,935	526,703	25,035
All other fuel .....	-	-	6,052	-	9,923
TOTAL COST OF FUEL .....		-	350,356	-	373,953
Electricity purchased	K.W.H.	125,740,689	894,374	120,119,940	863,677
TOTAL COST OF FUEL AND ELECTRICITY .....		-	1,244,710	-	1,237,630

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1942.

SECTION 3. - FEED AND CHOPPING MILLS IN CANADA, 1942.

Table 1. - Principal Statistics of the Feed and Chopping Mill Industries in Canada, for the Years, 1928 - 1942

Year	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1928 .....	894	5,947,496	1,271	861,259	20,164,304	23,626,329
1929 .....	918	6,558,329	1,310	868,315	20,369,239	23,874,360
1930 .....	894	6,352,859	1,250	795,809	18,853,969	20,351,422
1931 .....	893	6,018,831	1,261	755,501	12,636,173	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	11,576,261	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
1939 .....	747	6,756,343	1,358	894,126	16,270,466	20,031,379
1940 .....	748	7,496,105	1,491	998,623	18,804,867	23,337,432
<b>1 9 4 1</b>						
CANADA .....	844	8,425,629	1,643	1,172,298	24,748,779	30,007,770
Prince Edward Island	3	7,300	4	391	6,020	7,400
Nova Scotia .....	8	211,052	16	13,195	360,290	406,891
New Brunswick .....	16	420,957	86	82,188	1,306,203	1,446,567
Quebec .....	139	839,096	194	115,688	1,677,912	2,119,249
Ontario .....	606	6,619,365	1,228	885,181	20,189,452	24,484,189
Manitoba .....	7	76,073	17	16,207	89,057	126,256
Saskatchewan .....	13	53,915	18	9,060	116,022	144,068
Alberta .....	49	142,895	69	42,716	971,667	1,229,133
British Columbia ...	3	54,976	11	7,672	32,156	43,997
<b>1 9 4 2</b>						
CANADA .....	894	9,160,063	1,731	1,316,368	28,228,172	33,875,151
Prince Edward Island	4	9,150	4	456	7,610	9,330
Nova Scotia .....	8	194,322	17	14,128	243,784	277,887
New Brunswick .....	13	129,637	33	22,690	284,235	328,384
Quebec .....	116	1,005,982	184	112,365	1,842,631	2,333,168
Ontario .....	659	7,411,859	1,356	1,075,086	23,958,913	28,589,286
Manitoba .....	14	118,404	30	25,061	206,679	289,513
Saskatchewan .....	17	41,266	22	10,922	187,097	225,112
Alberta .....	59	193,863	75	50,301	1,460,961	1,776,689
British Columbia ...	4	55,600	10	7,359	36,262	45,782

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1942.

Table 2. - Production in Feed and Chopping Mills by Classes, Quantity and Value for Canada and the Provinces, 1941 and 1942.

Provinces	Chopped Grain Feed		Other Products	Total
	Quantity	Value	Value	Value
	Tons	\$	\$	\$
<u>1941</u>				
CANADA .....	868,229	25,881,255	4,126,515	30,007,770
Prince Edward Island ...	255	7,400	-	7,400
Nova Scotia .....	640	22,915	383,976	406,891
New Brunswick .....	5,385	201,599	1,244,968	1,446,567
Quebec .....	56,215	1,840,095	279,154	2,119,249
Ontario .....	740,616	22,374,514	2,109,675	24,484,189
Manitoba .....	2,999	75,700	50,556	126,256
Saskatchewan .....	4,718	114,060	30,008	144,088
Alberta .....	50,784	1,225,095	4,038	1,229,133
British Columbia .....	617	19,857	24,140	43,997
<u>1942</u>				
CANADA .....	954,162	30,576,871	3,298,280	33,875,151
Prince Edward Island ...	318	9,330	-	9,330
Nova Scotia .....	1,139	36,539	241,348	277,887
New Brunswick .....	7,132	234,620	93,764	328,384
Quebec .....	65,091	2,195,615	137,553	2,333,168
Ontario .....	802,595	25,941,935	2,647,351	28,589,286
Manitoba .....	7,032	201,078	88,455	289,513
Saskatchewan .....	6,671	176,870	46,242	225,112
Alberta .....	63,345	1,755,017	21,672	1,776,689
British Columbia .....	839	25,867	19,915	45,782

Table 3. - Materials Used in Feed and Chopping Mills, 1941 and 1942.

Materials	Unit of Measure	1941		1942	
		Quantity	Value	Quantity	Value
			\$		\$
Wheat .....	Bushel	823,706	622,996	1,682,626	1,368,583
Oats .....	"	5,012,412	2,125,987	5,597,033	2,703,376
Barley .....	"	2,472,448	1,364,308	2,837,106	1,701,549
Rye .....	"	106,612	62,460	315,104	103,853
Corn .....	"	958,061	1,018,305	713,547	763,551
Buckwheat .....	"	156,049	99,861	130,075	93,408
Peas .....	"	31,609	59,694	50,263	91,789
Mixed grain .....	"	35,597,956	17,676,302	37,250,168	20,185,027
Other grains .....	"	201,391	101,472	175,975	107,107
Cost of containers .....	-	-	177,864	-	309,760
Materials used for making containers .....	-	-	64,934	-	605
All other materials .....	-	-	1,374,596	-	799,584
<b>TOTAL .....</b>	<b>-</b>	<b>-</b>	<b>24,748,779</b>	<b>-</b>	<b>28,228,172</b>

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1942.

Table 4. - Capital Invested in Feed and Chopping Mills in Canada for the Years 1928 to 1942.

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.	
	\$	\$	\$	\$
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
1939 .....	4,914,395	851,517	992,431	6,758,343
1940 .....	5,366,417	1,034,647	1,095,041	7,496,105
<u>1941</u>				
CANADA .....	5,903,713	1,301,276	1,220,640	8,425,629
Prince Edward Island ..	7,000	-	300	7,300
Nova Scotia .....	93,816	44,369	72,867	211,052
New Brunswick .....	160,669	115,556	144,732	420,957
Quebec .....	631,705	95,698	111,693	839,096
Ontario .....	4,800,751	1,009,207	809,407	6,619,365
Manitoba .....	38,140	12,764	25,169	76,073
Saskatchewan .....	40,867	6,972	6,076	53,915
Alberta .....	117,376	11,341	14,178	142,895
British Columbia .....	13,389	5,369	36,218	54,976
<u>1942</u>				
CANADA .....	6,267,958	1,462,322	1,429,803	9,160,083
Prince Edward Island ..	90,000	-	150	9,150
Nova Scotia .....	73,814	76,597	43,911	194,322
New Brunswick .....	55,465	38,519	35,653	129,637
Quebec .....	703,393	136,685	165,904	1,005,982
Ontario .....	5,149,778	1,157,728	1,104,353	7,411,859
Manitoba .....	70,130	25,551	22,723	118,404
Saskatchewan .....	33,360	4,634	3,272	41,266
Alberta .....	159,097	15,444	19,322	193,863
British Columbia .....	13,921	7,164	34,515	55,600

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1942.

Table 5. - Size of Establishments, 1941 and 1942.

Establishments having a production of -	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Total Production
	No.	\$	No.	\$	\$	\$
<u>1941</u>						
Under \$50,000 .....	668	3,950,814	978	502,311	11,614,992	14,238,362
\$50,000 to 100,000 ..	148	1,943,225	304	305,680	8,126,294	9,751,694
\$100,000 to 200,000 .....	19	759,011	98	96,499	2,097,964	2,502,233
\$200,000 to \$500,000 .....	9	1,772,779	183	207,808	2,909,539	3,515,481
<b>TOTAL .....</b>	<b>844</b>	<b>8,425,629</b>	<b>1,643</b>	<b>1,172,298</b>	<b>24,748,779</b>	<b>30,007,770</b>
<u>1942</u>						
Under \$50,000 .....	682	4,361,360	1,004	596,610	12,746,618	15,252,429
\$50,000 to \$100,000 .....	171	2,004,493	422	370,404	9,737,958	11,545,587
\$100,000 to \$200,000 .....	32	956,948	154	166,099	3,394,050	4,071,277
\$200,000 to over \$1,000,000 .....	9	1,835,284	151	185,255	2,349,546	3,005,858
<b>TOTAL .....</b>	<b>894</b>	<b>9,160,085</b>	<b>1,731</b>	<b>1,318,368</b>	<b>28,228,172</b>	<b>33,875,151</b>

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1942.

Table 6. - Employees, Salaries and Wages in Feed and Chopping Mills, 1941 and 1942.

Provinces	Employees on Salaries			Employees on Wages			Total Employees, Salaries and Wages		
	Male	Female	Total	Male	Female	Total	Male	Female	Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
<u>1941</u>									
CANADA .....	675	32	497,893	924	12	674,405	1,599	44	1,172,299
Prince Edward Island .....	3	-	316	1	-	75	4	-	391
Nova Scotia .....	2	-	1,150	14	-	12,045	16	-	13,195
New Brunswick ..	20	8	28,313	58	-	53,875	78	8	82,188
Quebec .....	113	1	65,171	80	-	50,517	193	1	115,688
Ontario .....	469	19	354,236	728	12	530,945	1,197	31	865,181
Manitoba .....	7	-	10,568	10	-	5,639	17	-	16,207
Saskatchewan ...	11	1	5,253	6	-	3,807	17	1	9,060
Alberta .....	47	2	30,736	20	-	11,980	67	2	42,716
British Columbia	3	1	2,150	7	-	5,522	10	1	7,672
<u>1942</u>									
CANADA .....	741	38	550,000	935	17	768,368	1,676	55	1,313,368
Prince Edward Island .....	4	-	456	-	-	-	4	-	456
Nova Scotia .....	3	-	860	13	1	13,248	16	1	14,128
New Brunswick ..	15	5	11,759	13	-	10,931	28	5	22,690
Quebec .....	95	3	53,503	85	1	58,862	180	4	112,365
Ontario .....	534	27	425,853	780	15	649,233	1,314	42	1,075,086
Manitoba .....	18	-	15,999	12	-	9,062	30	-	25,061
Saskatchewan ...	15	-	4,642	7	-	6,280	22	-	10,922
Alberta .....	53	2	34,718	20	-	15,583	73	2	50,301
British Columbia	4	1	2,190	5	-	5,169	9	1	7,359



THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1942.

Table 7. - Monthly Employment of Wage-earners, 1941 and 1942.

	In Feed and Chopping Mills			
	1941		1942	
	Male No.	Female No.	Male No.	Female No.
January .....	896	9	907	11
February .....	907	9	905	11
March .....	912	9	915	12
April .....	891	9	893	14
May .....	850	11	854	17
June .....	818	11	862	16
July .....	825	16	847	16
August .....	829	14	831	16
September .....	859	11	862	18
October .....	885	11	908	16
November .....	924	10	919	17
December .....	925	11	945	18
Average monthly employment ..	924	12	935	17

Table 8. - Number of Wage-earners in Month of Highest Employment with their Regular Hours of Work and Average Weekly Earnings, 1941 and 1942.

Number of Hours Worked per Week	Number of Employees				Number of Hours Worked per Week	Number of Employees			
	1941		1942			1941		1942	
	Male	Female	Male	Female		Male	Female	Male	Female
30 hours or less	96	3	104	7	51-54 hours .	134	1	216	3
31-43 hours .....	44	5	40	4	55 hours .....	33	-	49	1
44 hours .....	16	-	19	1	56-64 hours .	433	1	392	-
45-47 hours .....	19	-	11	1	65 hours and over.....	91	-	41	-
48 hours .....	105	1	117	1	Average hours per week	53.2	38.2	51.9	38.1
49-50 hours .....	48	-	45	1	Average week- ly earnings	\$17.18	\$9.45	\$18.19	\$8.79

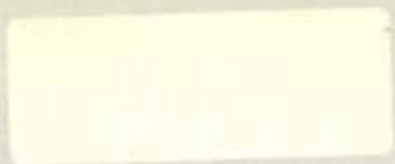
THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1942

Table 9. - Power Equipment in Feed and Chopping Mills, 1941 and 1942.

Classes of Power		1941		1942	
		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	15	750	7	255
	Idle	5	170	2	122
Diesel engines .....	In use	212	10,301	244	11,506
	Idle	9	482	12	615
Gasoline, gas and oil engines, other than diesel .....	In use	257	8,583	274	10,446
	Idle	23	579	25	709
Hydraulic turbines or water wheels .....	In use	317	12,072	313	12,219
	Idle	17	649	20	769
Electric motors operated by purchased power .....	In use	595	10,991	662	11,702
	Idle	21	1,375	25	474
TOTAL POWER USED IN MANUFACTURING .....		1,449	46,952	1,584	48,617
Electric motors operated by power generated by the establishment .....		5	112	7	128
Total Electric Motors ...		621	12,478	694	12,304
TOTAL POWER INSTALLATION		1,454	46,064	-	-
Boilers .....	In use	16	965	9	485
	Idle	1	300	-	-

Table 10. - Consumption of Fuel and Electricity in Feed and Chopping Mills, 1941 and 1942

Kinds of Fuel	Unit of Measure	1941		1942	
		Quantity	Total Cost at Mill	Quantity	Total Cost at Mill
Coal -	Ton		\$		\$
Bituminous .....	(2000 lb.)	2,301	14,980	2,188	22,094
Anthracite .....	"	421	5,150	416	5,596
Lignite .....	"	101	345	35	411
Coke .....	"	18	209	7	67
Gasoline .....	Imp. Gal.	317,016	83,020	361,614	103,420
Kerosene or coal oil .....	" "	4,389	794	6,782	984
Fuel or diesel oil .....	" "	660,632	74,624	747,797	87,822
Wood .....	Cord	974	3,768	2,332	8,448
Gas, manufactured and natural .....	M cu. ft.	25,137	13,912	30,147	17,367
Other fuel .....	-	-	980	-	2,213
TOTAL COST OF FUEL .....		-	197,792	-	246,422
Electricity purchased .....		8,719,554	174,840	10,284,574	187,798
TOTAL COST OF FUEL AND ELECTRICITY .....		-	372,632	-	434,220



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