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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT

ON THE

FLOUR AND FEED MILLING INDUSTRIES

IN

CANADA

1935



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SECTION 1. General Summary.

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" 3. Feed and chopping mills.

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OTTAWA - CANADA

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THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

To permit of 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 1935 reveals the fact that, notwithstanding a decrease of 183 in the number of mills reporting, there was a marked increase in some of the items comprising the principal statistics. These are shown for the Dominion for the years 1922 to 1935 in table 1(a), and by provinces for the year 1935 in table 1(b).

The decrease in the number of establishments 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 This has superseded to a great extent the former system of obtaining flour and other cereal products from the local mills which have consequently discontinued operations.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 and the demand it created gave a great impetus to this trade. The 384 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 4,881,057 barrels in 1935, but in spite of the decrease, Canada continues to be one of the leading exporters of wheat flour.

Table 1(a) - Principal Statistics for the Years 1922 to 1935.

Year	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-					
	ments	Invested			Used	Production
	No.	\$	No.	\$	\$	\$
1922	1,564	68,453,886	6,757	7,490,369	136,687,078	166,881,455
1923	1,387	60,556,587	6,786	7,450,428	128,473,059	154,895,991
1924	1,309	64,356,541	6,609	7,808,939	150,056,430	180,807,549
1925	1,310	60,104,258	6,166	7,190,022	163,164,668	187,944,731

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 1(a). - Principal Statistics for the Years 1922 to 1935. - (Concluded).

Year	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
1926	1,291	58,355,813	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

Table 1(b). - Principal Statistics, by Provinces, 1935.

Items	CANADA	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Establishments reporting. No.	1,127	11	11	27	223
Capital invested \$	56,475,315	57,478	155,693	325,626	5,390,990
Salaried employees -					
Male No.	1,569	6	7	22	303
Female No.	181	-	-	8	20
Total salaries \$	2,094,324	2,920	8,098	20,338	443,962
Wage-earners -					
Male No.	3,561	8	14	50	429
Female No.	143	-	-	-	-
Total wages \$	3,071,183	4,315	13,407	40,053	348,384
Cost of materials used .. \$	78,071,667	114,365	382,647	475,443	10,260,899
Gross value of production \$	97,567,868	166,290	435,042	573,166	12,271,911

	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Establishments reporting. No.	641	38	80	88	8
Capital invested \$	23,933,336	5,133,255	13,556,885	7,595,661	326,391
Salaried employees -					
Male No.	663	102	227	226	13
Female No.	84	13	31	25	-
Total salaries \$	750,514	166,462	344,294	341,941	15,795

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 1(b). - Principal Statistics, by Provinces, 1935. - (Concluded).

Items	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Wage-earners --					
Male No.	1,952	555	311	423	19
Female No.	109	21	10	3	-
Total wages \$	1,673,168	303,365	275,952	395,634	16,905
Cost of materials used \$	42,340,378	6,065,455	9,320,684	8,774,013	337,783
Gross value of production \$	51,760,071	7,400,427	12,785,321	11,726,301	449,339

From the foregoing tables it will be noted that there were increases in the salary and wage payments of \$30,195, in the value of production of \$1,821,685, and the cost of materials used accounted for an additional \$4,023,424. Decreases amounting to \$2,818,111 in the capital investment and 179 in the total number of employees were recorded.

Production. - The total value of all products of the two industries in 1935 amounted to \$97,567,868, of which spring wheat flour was accountable for \$53,583,390. Next in order of importance was chopped grain feed with a total of \$18,192,926, followed by shorts and middlings to the extent of \$5,657,714. Rolled oats takes fourth place with \$4,975,895, whilst bran and fall or winter wheat flour occupy fifth and sixth positions with a valuation of \$4,300,642 and \$3,216,723, respectively.

Capital. - The capital employed in these industries represented an investment of \$56,475,315, which was divided as follows: - fixed capital--consisting of present value of land, buildings, fixtures, machinery, tools, etc.--\$29,997,190, and working capital which comprises inventory value of materials on hand, stocks in process, finished products on hand, etc., \$16,361,405, and cash, bills and accounts receivable \$10,116,720.

Employees, Salaries and Wages. - The administrative and clerical work in connection with the two industries required the services of 1,569 male and 181 female employees whose total salaries amounted to \$2,094,324. The number of wage-earners employed was 3,561 male and 143 female which necessitated a payroll amounting to \$3,071,183.

Cost of Materials. - The total cost of all materials used in both industries, including containers, amounted to \$78,071,667. Wheat of all kinds was by far the largest contributor to this sum with \$52,401,481. Mixed grain for chopping takes second place with \$12,128,235. The next largest item of expense was that of oats which accounted for \$5,275,713, whilst containers and container materials occupy fourth position with a total cost of \$5,113,698.

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Quantity and Value of Principal Mill Products in Canada,
1921, 1925, 1929, 1932, 1933, 1934 and 1935.

Products	Unit of Measure	Quantity	Selling Value at Mill	Average Value
			\$	\$
<u>1921</u>				
Wheat flour, all grades	Barrels	15,321,759	136,257,285	8.89
Oatmeal and rolled oats	"	815,740	6,327,214	7.75
Bran, shorts and middlings ...	Tons	617,097	16,897,957	27.39
Feed, chopped	"	706,309	28,079,796	39.77
<u>1925</u>				
Wheat flour, all grades	Barrels	17,769,071	131,857,785	7.42
Oatmeal and rolled oats	"	734,266	5,574,200	7.59
Bran, shorts and middlings ...	Tons	626,289	16,518,717	26.22
Feed, chopped	"	792,512	27,854,365	35.15
<u>1929</u>				
Wheat flour, all grades	Barrels	19,756,422	114,552,634	5.80
Oatmeal and rolled oats	"	830,099	6,902,869	8.32
Bran, shorts and middlings ...	Tons	713,744	19,918,668	27.90
Feed, chopped	"	848,698	30,927,336	36.44
<u>1932</u>				
Wheat flour, all grades	Barrels	14,866,307	49,373,367	3.32
Oatmeal and rolled oats	"	824,439	5,188,645	6.29
Bran, shorts and middlings ...	Tons	522,991	7,866,569	15.04
Feed, chopped	"	764,806	16,430,645	21.48
<u>1933</u>				
Wheat flour, all grades	Barrels	15,227,289	49,284,078	3.24
Oatmeal and rolled oats	"	764,451	4,474,366	5.85
Bran, shorts and middlings ...	Tons	498,321	6,980,083	14.01
Feed, chopped	"	716,475	17,008,131	23.73
<u>1934</u>				
Wheat flour, all grades	Barrels	14,807,515	57,120,238	3.86
Oatmeal and rolled oats	"	801,896	5,198,730	6.48
Bran, shorts and middlings ...	Tons	517,498	8,956,362	17.31
Feed, chopped	"	701,288	17,987,718	25.65
<u>1935</u>				
Wheat flour, all grades	Barrels	14,137,510	57,168,713	4.04
Oatmeal and rolled oats	"	768,852	5,501,358	7.16
Bran, shorts and middlings ...	Tons	495,767	9,968,356	20.10
Feed, chopped	"	749,540	18,192,926	24.27

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 2(a). - Size of Establishments, 1934 and 1935.

Establishments having a Production of: -	1 9 3 4			1 9 3 5		
	Estab- lish- ments	Total Production	Average Production per Estab- lishment	Estab- lish- ments	Total Production	Average Production per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	1,116	17,714,891	15,063	997	18,497,347	18,553
\$50,000 to \$100,000.	77	5,339,030	69,336	75	5,167,913	68,906
\$100,000 to \$200,000	16	2,292,139	143,259	14	2,014,182	143,870
\$200,000 to \$500,000	15	5,075,287	338,352	15	4,598,845	306,590
\$500,000 to \$1,000,000	7	4,950,302	707,186	7	4,600,497	657,214
\$1,000,000 to \$5,000,000	15	37,216,294	2,481,086	14	31,675,172	2,262,512
\$5,000,000 and over.	4	23,158,240	5,789,560	5	31,013,912	6,202,782
TOTAL AND AVERAGE	1,310	95,746,183	73,089	1,127	97,567,868	86,573
Establishments having a Capital Investment of: -	1 9 3 4			1 9 3 5		
	Estab- lish- ments	Total Capital	Average Capital per Estab- lishment	Estab- lish- ments	Total Capital	Average Capital per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	1,243	10,018,314	8,059	1,059	7,856,077	7,418
\$50,000 to \$100,000.	27	1,909,229	70,712	29	2,079,214	71,697
\$100,000 to \$200,000	14	1,930,926	137,923	11	1,519,945	138,177
\$200,000 to \$500,000	7	2,431,552	347,364	7	2,324,504	332,072
\$500,000 to \$1,000,000	2	43,003,405	2,263,337	7	5,747,017	821,002
\$1,000,000 and over.	17			14	36,948,558	2,639,183
TOTAL AND AVERAGE	1,310	59,293,426	45,262	1,127	56,475,315	50,111
Establishments having an Average Employment of: -	1 9 3 4			1 9 3 5		
	Estab- lish- ments	Total Employees	Average Employees per Estab- lishment	Estab- lish- ments	Total Employees	Average Employees per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees .	1,277	2,411	1.8	1,095	4,194	2.0
20 to 50 employees .	13	409	31.5	13	417	32.0
50 to 100 employees.	8	522	65.2	7	478	68.2
100 to 200 employees	8	1,141	142.6	8	1,115	139.3
200 to 500 employees	4	1,150	287.5	4	1,250	312.5
TOTAL AND AVERAGE	1,310	5,633	4.3	1,127	5,454	4.8

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 2(b). - Daily Capacity of Flour Mills, 1935.
(24 hours per day)

Capacity of Mills per Day of 24 Hours	Number of Mills	Total Capacity of the Mills in Each Group	Average per Establishment	Per cent of Total
		Barrels	Barrels	
Under 100 barrels	257	10,899	42	10.3
100 to 199 barrels	80	9,515	119	9.0
200 to 299 barrels	14	3,130	224	2.9
300 to 499 barrels	5	1,875	375	1.8
500 to 999 barrels	8	5,350	669	5.1
1,000 to 2,999 barrels ...	11	20,406	1,855	19.4
3,000 to 4,999 barrels ...	4	14,250	3,562	13.6
5,000 barrels and over ...	5	39,815	7,963	37.9
TOTAL AND AVERAGE ...	384	105,240	274	100.0

Table 3. - Production in All Mills, by Classes, 1935.

Products	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill	
	Quantity	Value	Quantity	Value		
		\$		\$	\$	
CANADA						
Chopped grain feed Ton	48,298	1,212,811	701,242	16,980,115	18,192,926	
Wheat flour -						
Fall or winter . Bbl.	795,705	5,076,446	32,382	140,277	3,216,723	
Spring	12,904,619	52,237,646	317,160	1,345,744	53,583,390	
Blended	84,032	350,897	3,612	17,703	368,600	
Low grade or feed flour -	Ton	24,123	606,692	439	11,780	618,472
Shorts and middlings	"	263,486	5,512,970	7,935	144,744	5,657,714
Bran	"	216,281	4,165,355	8,065	135,287	4,300,642
Oatmeal	Lb.	11,803,452	522,553	74,500	2,910	525,463
Rolled oats	"	127,434,921	4,975,395	50,000	500	4,975,895
Barley -						
Pot and pearl ..	"	4,102,970	110,527	96,500	1,020	111,547
Flour and meal .	"	2,952,776	33,256	14,850	350	33,606
Rye, flour and meal	"	4,672,431	135,273	106,980	1,812	137,085
Corn -						
Flour	"	5,977,396	169,765	-	-	169,765
Meal	"	46,692,071	743,655	2,587,900	38,871	782,526
Cracked	"	17,167,578	245,754	1,064,028	13,471	259,225

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 3. - Production in All Mills, by Classes, 1935. - (Concluded).

Products	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
	Quantity	Value	Quantity	Value	
		\$		\$	\$
<u>CANADA - (Concluded)</u>					
Buckwheat flour Lb.	746,597	18,298	1,372,212	34,000	52,298
Offal, not otherwise specified Ton	96,111	1,246,387	1,161	28,745	1,275,132
All other cereal products --	--	--	--	--	1,864,573
All other products --	--	--	--	--	1,442,286
TOTAL VALUE OF PRODUCTION IN ALL MILLS --					97,567,868

Table 4. - Materials Used in All Mills, 1935.

Materials	Unit of Measure	C A N A D A	
		Quantity	Cost Value at Mill
			\$
Wheat	Bushels	64,944,779	52,401,481
Oats	"	13,768,391	5,275,713
Barley	"	1,707,846	802,616
Rye	"	189,248	102,288
Corn	"	2,041,204	1,534,446
Buckwheat	"	335,961	197,254
Peas	"	74,238	70,969
Mixed grains for chopping	"	30,387,537	12,128,235
Other grains	"	232,712	80,402
Cost of containers purchased	--	--	5,108,973
Cost of materials used in making containers	--	--	4,725
All other materials	--	--	364,565
TOTAL COST OF MATERIALS USED			78,071,667

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 5. - Capital Invested in All Mills, 1935.

Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$	\$
CANADA	29,997,190	16,361,405		10,116,720	56,475,315
Prince Edward Island	53,694	2,264		1,520	57,478
Nova Scotia	86,650	17,398		51,645	155,693
New Brunswick	182,866	92,055		50,705	325,626
Quebec	2,833,019	1,164,190		1,393,781	5,390,990
Ontario	16,744,233	5,409,622		1,779,481	23,933,336
Manitoba	2,523,066	2,347,437		262,752	5,133,255
Saskatchewan	3,807,983	4,172,267		5,576,635	13,556,885
Alberta	3,613,350	3,076,246		906,065	7,595,661
British Columbia ..	152,329	79,926		94,136	326,391

Table 6. - Employees, Salaries and Wages in All Mills, 1935.

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.	No.	No.	No.	No.
CANADA ...	1,569	181	2,094,324	3,561	143	3,071,183	5,130	324	5,165,507
Prince Edward Island	6	-	2,920	8	-	4,315	14	-	7,235
Nova Scotia ..	7	-	8,098	14	-	13,407	21	-	21,505
New Brunswick	22	8	20,338	50	-	40,053	72	8	60,391
Quebec	303	20	443,962	429	-	348,384	732	20	792,346
Ontario	663	84	750,514	1,952	109	1,673,168	2,615	193	2,423,682
Manitoba	102	13	166,462	355	21	303,365	457	34	469,827
Saskatchewan.	227	31	344,294	311	10	275,952	538	41	620,246
Alberta	226	25	341,941	423	3	395,634	649	28	737,575
British Columbia	13	0	15,795	19	-	16,905	32	-	32,700

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 7. - Power Equipment in All Mills, 1935.

Classes of Power	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines	(In use 101 (Idle 12)	11,898 700
Diesel engines	(In use 168 (Idle 5)	7,164 110
Gasoline, gas and oil engines other than diesel	(In use 262 (Idle 23)	9,314 530
Hydraulic turbines or water wheels	(In use 588 (Idle 7)	28,268 372
Electric motors operated by purchased power	(In use 1,821 (Idle 93)	56,672 4,269
TOTAL POWER USED IN MANUFACTURING ...	3,080	119,297
Electric motors operated by power generated by the establishment	81	2,871
Boilers	159	14,661

Table 8. - Fuel and Electricity Used in All Mills, 1935.

Kinds of Fuel	Unit of Measure	Quantity	Total Cost at Mill \$
Bituminous coal	Short Ton	27,184	151,316
Anthracite coal	" "	593	6,403
Lignite coal	" "	19,826	68,840
Coke	" "	40	453
Gasoline	Imp. Gal.	119,543	26,251
Kerosene or coal oil	" "	11,078	2,345
Fuel and diesel oil	" "	486,419	54,675
Wood	Cord	16,126	39,324
Gas, manufactured and natural	M cu. ft.	422,821	33,952
Other fuel	"	-	22,329
Electricity purchased	Kw. H	99,502,867	950,881
TOTAL COST OF FUEL AND ELECTRICITY	-	-	1,356,769

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 9. - Imports of Milled Products and Grains by Quantity and Value, 1934 and 1935.

Articles Imported	Unit of Measure	1 9 3 4		1 9 3 5	
		Quantity	Value	Quantity	Value
			\$		\$
Milled Products -					
Wheat flour	Barrel	178,175	596,511	114,077	392,412
Buckwheat meal and flour	Cwt.	440	1,434	281	1,070
Cornmeal	Barrel	19,439	74,922	8,583	42,641
Malt flour	Pound	35,811	2,313	34,400	2,221
Rye flour	Barrel	994	3,519	882	2,751
Oatmeal and rolled oats.	Pound	294,984	15,810	255,403	15,697
Barley, pot and pearl ..	"	131,966	9,713	62,442	12,905
Peas, split	"	339,926	13,705	347,836	13,813
Corn flour, hominy, cracked, ground, etc..	-	-	152,396	-	185,910
Rice and cassava flour, etc.	Pound	93,219	6,197	78,987	5,595
Sago and tapioca flour .	"	2,262,926	44,806	2,916,901	57,985
Bran and mill feed	Cwt.	28,754	35,069	6,194	10,639
Cereal food in packages.	Pound	534,166	67,594	414,821	52,135
Cereal foods, n.o.p. ...	-	-	54,543	-	89,150
Semolina	Barrel	663	4,528	409	3,386
TOTAL VALUE OF IMPORTS OF MILLED PRODUCTS		-	1,083,060	-	888,310
Grains -					
Wheat	Bushel	4,663	3,836	7,819	13,695
Oats	"	3,746	2,503	751	522
Barley	"	1,691	1,079	144	162
Corn for all purposes ..	"	8,327,121	4,864,812	8,525,847	5,240,786
Buckwheat	"	64	139	1,340	1,038
Peas, n.o.p.	Pound	2,814,558	184,851	2,266,041	146,774
Rye	Bushel	17,724	16,317	3,345	3,144
Beans	Pound	1,679,006	79,183	1,725,919	84,128
TOTAL VALUE OF GRAINS IMPORTED		-	5,152,720	-	5,490,249

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

Table 10. - Exports of Milled Products and Grains by Quantity and Value, 1934 and 1935.

Articles Exported	Unit of Measure	1934		1935	
		Quantity	Value \$	Quantity	Value \$
Milled Products -					
Wheat flour	Barrel	5,053,732	18,377,483	4,881,057	19,001,050
Oatmeal and rolled oats	Cwt.	553,719	2,220,341	530,243	2,449,044
Bran, shorts and middlings	"	2,322,988	2,318,281	3,553,342	3,600,399
Malt	Bushel	3,316,244	3,241,433	2,531,272	2,968,547
Peas, split	"	8,399	15,653	7,607	12,828
Screenings	Cwt.	1,242,053	672,068	1,249,698	391,253
Cornmeal	Barrel	42,948	132,300	38,681	120,677
Rice, meal and flour	Pound	3,457	461	3,778	509
All other meals ..	Barrel	115	428	272	1,064
Cereal foods, prepared, all kinds	-	-	3,226,576	-	3,427,530
TOTAL VALUE OF MILLED PRODUCTS EXPORTED		-	30,205,024	-	31,972,901
Grains -					
Wheat	Bushel	167,913,055	131,157,717	165,672,671	137,152,807
Oats	"	11,426,443	4,240,097	14,371,708	5,276,905
Barley	"	11,406,337	7,718,157	7,921,359	4,155,529
Corn	"	3,559	2,565	7,724	8,775
Rye	"	719,878	453,020	682,807	302,686
Buckwheat	"	278,507	157,887	533,265	275,793
Peas, whole	"	31,664	87,605	16,102	49,744
Beans	"	61,211	74,804	1,817	5,345
TOTAL VALUE OF GRAINS EXPORTED .		-	143,891,852	-	147,227,584

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

SECTION 2. -- THE FLOUR MILLING INDUSTRY, 1935.

Principal Statistics of the Flour Mills in Canada for the Years
1930, 1931, 1932, 1933 and 1934.

Items	1930	1931	1932	1933	1934
Establishments .. No.	383	372	394	413	435
Capital invested. \$	56,264,148	55,050,367	52,417,339	51,989,432	52,491,680
Total employees . No.	4,673	4,410	4,325	4,153	4,263
Total salaries and wages \$	5,885,224	5,276,688	4,912,371	4,422,689	4,443,991
Cost of materials \$	102,823,717	59,085,624	52,414,311	51,719,587	61,392,000
Gross value of production \$	124,504,524	79,591,603	71,035,283	68,746,624	80,170,600

Principal Statistics of the Flour Mills in Canada, by Provinces, 1935.

Provinces	Estab- lish- ments No.	Capital Invested \$	Em- p- loyees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
CANADA	384	50,278,121	4,244	4,479,679	65,378,617	81,955,937
Prince Edward Island	10	56,078	13	7,145	110,665	161,710
Nova Scotia and New Brunswick	10	79,914	16	8,476	108,377	142,394
Quebec	88	4,627,688	590	731,663	9,400,862	11,135,476
Ontario	126	19,245,016	1,935	1,915,765	32,105,804	39,195,957
Manitoba	32	5,094,109	481	463,892	6,004,214	7,324,259
Saskatchewan	60	13,509,593	554	614,512	9,245,983	12,689,232
Alberta	53	7,419,423	633	716,616	8,096,903	10,903,926
British Columbia ...	5	246,300	22	21,610	305,809	402,983

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 1. - Production in Flour Mills by Classes and the Provinces, 1935.

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>CANADA</u>						
Chopped grain feed	Ton	23,992	630,859	155,876	3,678,201	4,309,060
Wheat flour -						
Fall or winter	Barrel	795,705	3,076,446	32,382	140,277	3,216,723
Spring	"	12,904,619	52,237,646	317,160	1,345,744	53,583,390
Blended	"	84,032	350,897	3,612	17,703	368,600
Low grade or feed	Ton	24,123	606,692	434	11,705	618,397
Shorts and middlings	"	262,746	5,495,083	7,935	144,744	5,639,827
Bran	"	216,281	4,165,355	8,065	135,287	4,300,642
Oatmeal	Pound	10,506,291	488,766	74,500	2,910	491,676
Rolled oats	"	119,509,294	4,766,636	-	-	4,766,636
Barley -						
Pot and pearl	"	2,759,907	79,276	-	-	79,276
Flour and meal	"	2,073,510	23,768	11,250	281	24,049
Rye, flour and meal	"	4,482,281	126,984	105,030	1,774	128,758
Corn -						
Flour	"	4,569,626	141,035	-	-	141,035
Meal	"	18,091,666	305,405	-	-	305,405
Cracked	"	2,296,392	34,076	-	-	34,076
Buckwheat flour	"	500,997	10,798	773,312	19,451	30,249
Offal, not otherwise specified	Ton	86,141	1,128,313	711	16,615	1,144,928
All other cereal products	-	-	1,673,504	-	22,445	1,695,949
All other products	-	-	1,075,386	-	1,875	1,077,261
TOTAL	-	-	76,416,925	-	5,539,012	81,955,937
<u>PRINCE EDWARD ISLAND</u>						
Chopped grain feed	Ton	7	189	768	18,356	18,545
Wheat flour -						
Fall or winter	Barrel	1,830	4,250	2,337	10,516	14,766
Spring	"	1,059	5,295	18,240	85,443	90,738
Blended	"	-	-	-	-	-
Low grade or feed	Ton	14	540	91	3,290	3,830
Shorts and middlings	"	26	738	460	13,002	13,740
Bran	"	49	1,310	593	15,024	16,334
Oatmeal	Pound	42,750	1,197	20,000	800	1,997
Rolled oats	-	-	-	-	-	-
Barley -						
Pot and pearl	-	-	-	-	-	-
Flour and meal	-	-	-	-	-	-
Rye, flour and meal	-	-	-	-	-	-
Offal, not otherwise specified	Ton	11	220	77	1,540	1,760
TOTAL	-	-	13,739	-	147,971	161,710

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 1. - Production in Flour Mills by Classes and Provinces, 1935. - (Continued)

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
<u>NOVA SCOTIA AND NEW BRUNSWICK</u>						
Chopped grain feed	Ton	215	5,375	852	23,585	28,960
Wheat flour -						
Fall or winter	Barrel	-	-	-	-	-
Spring	"	860	4,300	8,388	41,718	46,018
Blended	"	-	-	2,897	14,625	14,625
Low grade or feed	Ton	-	-	-	-	-
Shorts and middlings	"	45	1,125	305	7,485	8,540
Bran	"	28	650	388	8,939	9,589
Oatmeal	Pound	-	-	54,500	2,110	2,110
Rolled oats	"	-	-	-	-	-
Buckwheat flour	"	50,000	1,112	751,212	18,890	20,002
Offal, not otherwise specified	Ton	23	580	437	11,970	12,550
TOTAL	-	-	13,142	-	129,252	142,394
<u>QUEBEC</u>						
Chopped grain feed	Ton	6,125	156,777	23,898	617,142	773,919
Wheat flour -						
Fall or winter	Barrel	5,200	21,840	4	19	21,859
Spring	"	1,997,161	8,003,928	27,015	127,452	8,131,380
Blended	"	-	-	125	600	600
Low grade or feed	Ton	8,452	263,744	-	-	263,744
Shorts and middlings	"	38,469	1,007,334	522	8,856	1,016,190
Bran	"	32,700	790,008	503	8,436	798,444
Oatmeal	-	-	-	-	-	-
Rolled oats	-	-	-	-	-	-
Barley -						
Pot and pearl	Pound	163,718	4,895	-	-	4,895
Flour and meal	"	1,543,200	17,641	-	-	17,641
Rye, flour and meal	-	-	-	-	-	-
Corn -						
Flour	Pound	1,426,684	36,827	-	-	36,827
Meal	"	955,404	17,205	-	-	17,205
Cracked	"	719,222	10,972	-	-	10,972
Buckwheat flour	"	100,500	2,211	16,300	412	2,623
Offal, not otherwise specified	Ton	1,435	24,395	-	-	24,395
All other cereal products	-	-	1,669	-	-	1,669
All other products	-	-	12,853	-	260	13,113
TOTAL	-	-	10,372,299	-	763,177	11,135,476

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 3. - Production in Flour Mills by Classes and Provinces, 1935. - (Continued)

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
			\$		\$	\$
ONTARIO						
Chopped grain feed	Ton	10,708	269,897	109,511	2,569,467	2,839,364
Wheat flour -						
Fall or winter	Barrel	757,325	2,923,628	24,255	105,904	3,029,532
Spring	"	5,507,859	21,911,499	6,984	29,797	21,941,296
Blended	"	55,535	236,184	30	68	236,252
Low grade or feed	Ton	7,394	181,666	68	1,800	183,466
Shorts and middlings	"	120,119	2,581,515	715	16,547	2,598,062
Bran	"	95,012	1,856,493	382	8,202	1,864,695
Oatmeal	Pound	6,908,216	368,900	-	-	368,900
Rolled oats	"	56,136,840	2,508,344	-	-	2,508,344
Barley -						
Pot and pearl	"	1,664,832	37,282	-	-	37,282
Flour and meal	"	526,710	6,057	-	-	6,057
Rye, flour and meal	"	4,441,850	126,363	15,600	217	126,580
Corn -						
Flour	"	3,142,942	104,208	-	-	104,208
Meal	"	17,136,362	288,200	-	-	288,200
Cracked	"	1,577,170	23,104	-	-	23,104
Buckwheat flour	"	348,097	7,343	5,800	149	7,492
Offal, not otherwise specified ..	Ton	46,113	710,774	75	1,777	712,551
All other cereal products	"	-	1,318,920	-	18,435	1,337,355
All other products	"	-	983,142	-	75	983,217
TOTAL	-	-	36,443,519	-	2,752,438	39,195,957
MANITOBA						
Chopped grain feed	Ton	3,755	111,177	2,964	66,335	177,512
Wheat flour -						
Fall or winter	Barrel	7,795	22,856	735	2,199	25,055
Spring	"	1,328,633	5,275,392	59,724	245,713	5,521,105
Blended	-	-	-	-	-	-
Low grade or feed	Ton	230	8,104	67	2,600	10,704
Shorts and middlings	"	23,411	497,326	1,293	23,982	521,308
Bran	"	18,428	360,417	1,344	23,283	383,700
Oatmeal	Pound	967,260	24,470	-	-	24,470
Rolled oats	"	15,738,780	406,906	-	-	406,906
Barley -						
Pot and pearl	"	219,080	12,707	-	-	12,707
Flour and meal	"	-	-	-	-	-
Rye, flour and meal	"	10,000	175	70,830	1,185	1,360
Offal, not otherwise specified ..	Ton	6,331	79,537	17	278	79,815
All other cereal products	"	-	118,355	-	1,703	120,058
All other products	"	-	39,359	-	200	39,559
TOTAL	-	-	6,956,781	-	367,478	7,324,259

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 1. - Production in Flour Mills by Classes and Provinces, 1935. - (Continued).

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
SASKATCHEWAN						
Chopped grain feed	Ton	760	16,163	6,472	123,765	139,928
Wheat flour -						
Fall or winter	Barrel	10,412	45,796	4,660	19,889	65,685
Spring	"	2,027,430	8,600,949	89,687	385,031	8,985,980
Blended	"	15,847	69,173	560	2,410	71,583
Low grade or feed	Ton	488	11,156	111	2,351	13,507
Shorts and middlings	"	49,345	874,399	2,243	35,009	909,408
Bran	"	35,244	574,509	2,158	31,575	606,084
Oatmeal	Pound	1,455,180	61,219	-	-	61,219
Rolled oats	"	37,574,188	1,550,320	-	-	1,550,320
Barley -						
Pot and pearl	"	554,700	19,567	-	-	19,567
Flour and meal	-	-	-	-	-	-
Rye, flour and meal	Pound	24,231	343	-	-	343
Offal, not otherwise specified	Ton	24,729	223,716	-	-	223,716
All other cereal products	-	-	29,766	-	596	30,362
All other products	-	-	11,530	-	-	11,530
TOTAL	-	-	12,088,606	-	600,626	12,689,232
ALBERTA						
Chopped grain feed	Ton	2,123	63,051	11,073	250,526	313,577
Wheat flour -						
Fall or winter	Barrel	13,143	58,076	391	1,750	59,826
Spring	"	1,982,760	8,132,331	106,108	425,109	8,557,440
Blended	"	12,650	45,540	-	-	45,540
Low grade or feed	Ton	7,542	141,407	97	1,664	143,071
Shorts and middlings	"	30,360	511,214	2,370	39,373	550,587
Bran	"	33,587	554,692	2,674	39,373	594,065
Oatmeal	Pound	1,132,885	32,980	-	-	32,980
Rolled oats	"	10,059,486	301,066	-	-	301,066
Barley -						
Pot and pearl	"	157,577	4,825	-	-	4,825
Flour and meal	"	3,600	70	11,250	281	351
Rye, flour and meal	"	4,200	63	18,600	372	435
Offal, not otherwise specified	Ton	7,499	89,091	105	1,050	90,141
All other cereal products	-	-	192,377	-	1,771	194,088
All other products	-	-	14,994	-	940	15,934
TOTAL	-	-	10,141,777	-	762,149	10,903,926

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 1. - Production in Flour Mills by Classes and Provinces, 1935. - (Concluded)

Products	Unit of Measure	Merchant Grinding		Custom or Exchange Grinding		Total Selling Value at Mill
		Quantity	Value	Quantity	Value	
BRITISH COLUMBIA						
Chopped grain feed	Ton	299	8,230	338	9,025	17,255
Wheat Flour -						
Fall or Winter	Barrel	-	-	-	-	-
Spring	"	58,857	303,952	1,014	5,481	309,433
Low grade or feed	Ton	3	75	-	-	75
Shorts and middlings	"	971	21,432	27	560	21,992
Brans	"	1,233	27,276	23	455	27,731
Rye, flour and meal	Pound	2,000	40	-	-	40
Buckwheat flour	"	2,400	132	-	-	132
Offal, not otherwise specified	Ton	-	-	-	-	-
All other cereal products	-	-	12,417	-	-	12,417
All other products	-	-	13,508	-	400	13,908
TOTAL	-	-	387,062	-	15,921	402,983

Table 2. - Materials Used in Flour Mills, by Provinces, 1935.

Materials	Unit of Measure	C A N A D A		Prince Edward Island	
		Quantity	Value	Quantity	Value
Wheat	Bushel	64,672,810	52,210,539	118,574	92,020
Oats	"	9,974,604	3,957,407	39,472	13,392
Barley	"	841,086	393,511	150	65
Rye	"	156,917	85,503	-	-
Corn	"	1,023,361	838,448	-	-
Buckwheat	"	153,657	84,749	-	-
Peas	"	16,371	17,719	-	-
Mixed grain for chopping	"	6,407,792	2,507,146	12,450	4,416
Other grains	"	41,408	6,854	-	-
All other materials	-	-	274,826	-	-
Cost of containers purchased	-	-	4,998,090	-	772
Cost of materials used in making containers	-	-	3,825	-	-
TOTAL	-	-	65,378,617	-	110,665

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 2. Materials Used in Flour Mills, by Provinces, 1935. - (Continued)

Materials	Unit of Measure	Nova Scotia and New Brunswick	
		Quantity	Value
Wheat	Bushel	66,153	58,565
Oats	"	34,842	12,945
Barley	"	15,760	8,121
Rye	"	60	60
Corn	"	70	45
Buckwheat	"	37,201	23,956
Peas	"	70	110
Mixed grain for chopping	"	8,449	4,250
Other grains	-	-	-
All other materials	-	-	-
Cost of containers purchased	-	-	325
Cost of materials used in making containers	-	-	-
TOTAL	-	-	108,377

Materials	Unit of Measure	Quebec		Ontario	
		Quantity	Value	Quantity	Value
Wheat	Bushel	9,268,319	8,353,148	28,755,372	24,380,336
Oats	"	780,054	267,001	4,590,780	1,955,086
Barley	"	254,650	121,669	285,266	142,008
Rye	"	1,217	883	146,580	80,857
Corn	"	173,540	135,840	831,890	683,334
Buckwheat	"	87,170	46,887	28,684	13,287
Peas	"	11,732	11,608	4,569	6,001
Mixed grain for chopping	"	328,531	134,791	5,436,537	2,117,665
Other grains	"	300	105	5,665	2,643
All other materials	-	-	192	-	263,034
Cost of containers purchased	-	-	328,738	-	2,460,486
Cost of materials used in making containers	-	-	-	-	1,067
TOTAL	-	-	9,400,862	-	32,105,804

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 2. -- Materials Used in Flour Mills, by Provinces, 1935. - (Concluded).

Materials	Unit of Measure	Manitoba		Saskatchewan	
		Quantity	Value \$	Quantity	Value \$
Wheat	Bushel	6,207,408	4,931,816	10,264,302	7,232,097
Oats	"	942,435	416,998	2,607,423	921,947
Barley	"	110,833	52,932	65,649	22,558
Rye	"	3,217	1,032	2,034	671
Corn	"	14,911	16,150	-	-
Buckwheat	"	492	509	-	-
Peas	"	-	-	-	-
Mixed grain for chopping	Bushel	82,250	32,929	197,908	66,105
Other grains	"	-	3,131	975	172
All other materials	"	-	1,601	-	6,091
Cost of containers purchased	-	-	546,980	-	993,720
Cost of materials used in making containers	-	-	136	-	2,622
TOTAL	-	-	6,004,214	-	9,245,983

Materials	Unit of Measure	Alberta		British Columbia	
		Quantity	Value \$	Quantity	Value \$
Wheat	Bushel	9,706,969	6,897,014	285,713	265,543
Oats	"	958,419	361,254	21,179	8,784
Barley	"	100,475	42,078	8,303	4,080
Rye	"	3,278	1,552	531	448
Corn	"	2,950	3,079	-	-
Buckwheat	"	-	-	110	110
Peas	"	-	-	-	-
Mixed grain for chopping	Bushel	341,337	146,825	330	165
Other grains	"	3,159	803	-	-
All other materials	"	-	578	-	3,330
Cost of containers purchased	-	-	643,720	-	23,349
Cost of materials used in making containers	-	-	-	-	-
TOTAL	-	-	8,096,903	-	305,809

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 3. - Capital Invested in Flour Mills, 1935.

Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, Fuel and Mis-cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$	\$
CANADA	25,228,104	15,702,433	9,347,584	50,278,121	
Prince Edward Island	52,494	2,064	1,520	56,078	
Nova Scotia and New Brunswick	71,100	3,657	5,157	79,914	
Quebec	2,163,214	1,117,452	1,347,022	4,627,688	
Ontario	13,079,687	4,931,160	1,234,169	19,245,016	
Manitoba	2,486,306	2,346,677	261,126	5,094,109	
Saskatchewan	3,764,376	4,169,966	5,575,251	13,509,593	
Alberta	3,481,033	3,062,719	875,671	7,419,423	
British Columbia ...	129,894	68,738	47,668	246,300	

Table 4. - Employees, Salaries and Wages in Flour Mills, 1935.

Provinces	Employees on Salaries			Employees on Wages			Total Employees, Salaries and Wages		
	Total		Salaries	Total		Wages	Salaries and Wages		
	Male	Female		Male	Female		Male	Female	
	No.	No.	\$	No.	No.	\$	No.	No.	\$
CANADA	978	166	1,740,329	2,962	138	2,739,350	3,940	304	4,479,679
Prince Edward Island	5	-	2,830	8	-	4,315	13	-	7,145
Nova Scotia and New Brunswick .	4	-	2,218	12	-	6,258	16	-	8,476
Quebec	193	20	401,864	377	-	329,799	570	20	731,663
Ontario	267	77	496,095	1,487	104	1,419,670	1,754	181	1,915,765
Manitoba	98	13	164,892	349	21	299,000	447	34	463,892
Saskatchewan	208	31	339,814	305	10	274,698	513	41	614,512
Alberta	198	25	326,621	407	3	389,995	605	28	716,616
British Columbia.	5	-	5,995	17	-	15,615	22	-	21,610

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 5. - Monthly Employment of Wage-earners, 1934 and 1935.

Months	In Flour Mills			
	1 9 3 4		1 9 3 5	
	Male No.	Female No.	Male No.	Female No.
January	2,802	149	2,872	125
February	2,873	146	2,881	134
March	2,882	146	2,866	115
April	2,887	133	2,811	119
May	2,913	145	2,821	135
June	2,911	142	2,868	130
July	2,905	135	2,858	131
August	2,921	136	2,712	129
September	3,022	157	3,158	156
October	3,140	162	3,233	173
November	3,173	161	3,218	175
December	2,959	146	3,088	147
TOTAL	35,388	1,758	35,386	1,669
Average monthly employment	2,963	149	2,962	158

Table 6. - Number of Wage-earners in Months of Highest Employment and Their Regular Hours of Work in 1935.

Number of Hours Worked per Week	Number of Employees	Number of Hours Worked per Week	Number of Employees
40 hours or less	115	51-53 hours	35
41-43 hours	6	54 hours	282
44 hours	157	55 hours	308
45-47 hours	14	56-59 hours	70
48 hours	1,482	60 hours and over	1,096
49-50 hours	29		

The above table does not include overtime.

THE FLOUR MILLING INDUSTRY IN CANADA, 1935.

Table 7. - Power Equipment, 1935.

Classes of Power	In Flour Mills	
	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines	(In use 70 (Idle 7)	10,423 385
Diesel engines	(In use 37 (Idle 1)	1,593 20
Gasoline, gas and oil engines, other than diesel	(In use 73 (Idle 7)	3,987 160
Hydraulic turbines or water wheels	(In use 276 (Idle 3)	17,335 152
Electric motors operated by purchased power	(In use 1,380 (Idle 83)	46,705 3,899
TOTAL POWER USED IN MANUFACTURING	1,937	84,639
Electric motors operated by power generated by the establishment	81	2,871
Total Electric Motors	1,544	53,475
TOTAL POWER INSTALLATION	2,018	87,510
Boilers installed	120	12,238

Table 8. - Consumption of Fuel and Electricity, 1935.

Kinds of Fuel	Unit of Measure	In Flour Mills	
		Quantity	Cost Value
Coal ..	Ton		\$
Bituminous	(2000 Lb.)	24,512	131,667
Anthracite	"	151	1,828
Lignite	"	19,741	68,489
Coke	"	29	301
Gasoline	Imp. Gal.	11,077	2,859
Fuel oil	" "	138,555	17,552
Wood	Cord	14,433	34,649
Gas, manufactured and natural	M cu. ft.	412,480	28,331
All other fuel	-	-	20,769
TOTAL COST OF FUEL	-	-	306,445
Cost of electricity purchased	Kw. H.	93,382,572	807,299
TOTAL COST OF FUEL AND ELECTRICITY	-	-	1,113,744

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1935.

SECTION 3. -- FEED AND CHOPPING MILLS IN CANADA, 1935.

Principal Statistics of the Feed and Chopping Mill Industries in Canada for the Years 1930, 1931, 1932, 1933 and 1934.

Items	1930	1931	1932	1933	1934
Establishments .. No.	894	893	896	915	875
Capital invested. \$	6,352,859	6,018,831	5,865,873	7,065,073	6,801,746
Total employees . No.	1,250	1,261	1,261	1,317	1,370
Total salaries and wages \$	793,889	755,501	664,024	685,448	691,321
Cost of materials used \$	16,853,969	12,686,173	10,763,345	11,578,261	12,656,243
Gross value of production \$	20,351,422	16,136,937	13,713,517	14,575,475	15,575,583

Principal Statistics of the Feed and Chopping Mills, by Provinces, 1935.

Provinces	Estab-lish-ments No.	Capital Invested \$	Em-ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
CANADA	743	6,197,194	1,210	685,828	12,693,050	15,611,931
Prince Edward Island and Nova Scotia	10	153,793	20	20,857	381,550	432,052
New Brunswick	19	249,012	66	52,653	371,863	438,342
Quebec	135	763,302	162	60,683	860,037	1,136,435
Ontario	515	4,688,320	873	507,917	10,234,574	12,564,114
Manitoba	6	39,146	10	5,935	61,241	76,168
Saskatchewan	20	47,292	25	5,734	74,701	96,089
Alberta	35	176,238	44	20,959	677,110	822,375
British Columbia ..	3	80,091	10	11,090	31,974	46,356

FEED AND CHOPPING MILLS IN CANADA, 1935.

Table 1. - Production in Feed and Chopping Mills by Classes, Quantity and Value for Canada and the Provinces, 1935.

Provinces	Chopped Grain Feed		Other Products	TOTAL
	Quantity	Value	Value	Value
	Ton	\$	\$	\$
CANADA	569,672	13,883,866	1,728,065	15,611,931
Prince Edward Island and Nova Scotia	861	27,717	404,335	432,052
New Brunswick	4,527	136,888	301,454	438,342
Quebec	44,613	1,122,205	14,230	1,136,435
Ontario	482,058	11,628,917	935,197	12,564,114
Manitoba	3,859	76,168	-	76,168
Saskatchewan	4,133	86,295	9,794	96,089
Alberta	29,095	789,645	32,730	822,375
British Columbia	526	16,031	30,325	46,356

Table 2. - Materials Used in Feed and Chopping Mills, 1935.

Materials	Unit of Measure	C A N A D A	
		Quantity	Value
			\$
Wheat	Bushel	271,969	190,942
Oats	"	3,793,787	1,318,306
Barley	"	866,760	409,105
Rye	"	32,331	16,785
Corn	"	1,017,843	695,998
Buckwheat	"	182,304	112,505
Peas	"	57,867	53,250
Mixed grain	"	23,979,745	9,621,089
Other grains	"	191,304	73,548
Cost of containers	-	-	111,783
All other materials	-	-	89,739
TOTAL	-	-	12,693,050

FEED AND CHOPPING MILLS IN CANADA, 1935.

Table 3. - Capital Invested in Feed and Chopping Mills in Canada, 1935.

Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$	\$
CANADA	4,769,086	658,972		769,136	6,197,194
Prince Edward Island and Nova Scotia	84,550	17,598		51,645	153,793
New Brunswick	115,066	88,398		45,548	249,012
Quebec	669,805	46,738		46,759	763,302
Ontario	3,664,546	478,462		545,312	4,688,320
Manitoba	36,760	760		1,626	39,146
Saskatchewan	43,607	2,301		1,384	47,292
Alberta	132,317	13,527		30,394	176,238
British Columbia ..	22,435	11,188		46,468	80,091

Table 4. - Employees, Salaries and Wages in Feed and Chopping Mills, 1935.

Provinces	Employees on Salaries			Employees on Wages			Total Employees, Salaries and Wages		
	Total		Salaries	Total		Wages	Salaries and Wages		
	Male	Female		Male	Female		Male	Female	
	No.	No.	\$	No.	No.	\$	No.	No.	\$
CANADA	591	15	353,995	599	5	331,833	1,190	20	685,828
Prince Edward Island and Nova Scotia ..	6	-	7,450	14	-	13,407	20	-	20,857
New Brunswick ..	20	8	18,858	38	-	33,795	58	8	52,653
Quebec	110	-	42,098	52	-	18,585	162	-	60,683
Ontario	396	7	254,419	465	5	253,498	861	12	507,917
Manitoba	4	-	1,570	6	-	4,365	10	-	5,935
Saskatchewan ..	19	-	4,480	6	-	1,254	25	-	5,734
Alberta	28	-	15,320	16	-	5,639	44	-	20,959
British Columbia	8	-	9,800	2	-	1,290	10	-	11,090

FEED AND CHOPPING MILLS IN CANADA, 1935.

Table 5. - Monthly Employment of Wage-earners, 1934 and 1935.

Months	In Feed and Chopping Mills			
	1 9 3 4		1 9 3 5	
	Male	Female	Male	Female
	No.	No.	No.	No.
January	604	7	578	5
February	625	7	590	5
March	636	7	585	5
April	599	7	548	4
May	553	7	516	4
June	527	7	498	4
July	542	8	504	4
August	549	8	509	4
September	597	8	554	4
October	625	8	595	4
November	638	8	616	4
December	639	8	621	4
TOTAL	7,134	90	6,714	51
Average monthly employment ...	645	8	599	5

Table 6. - Number of Wage-earners in Months of Highest Employment and Their Regular Hours of Work in 1935.

Number of Hours Worked per Week	Number of Employees	Number of Hours Worked per Week	Number of Employees
40 hours or less	122	51-53 hours	8
41-43 hours	12	54 hours	93
44 hours	24	55 hours	35
45-47 hours	4	56-59 hours	37
48 hours	97	60 hours and over	220
49-50 hours	16		

The above table does not include overtime.

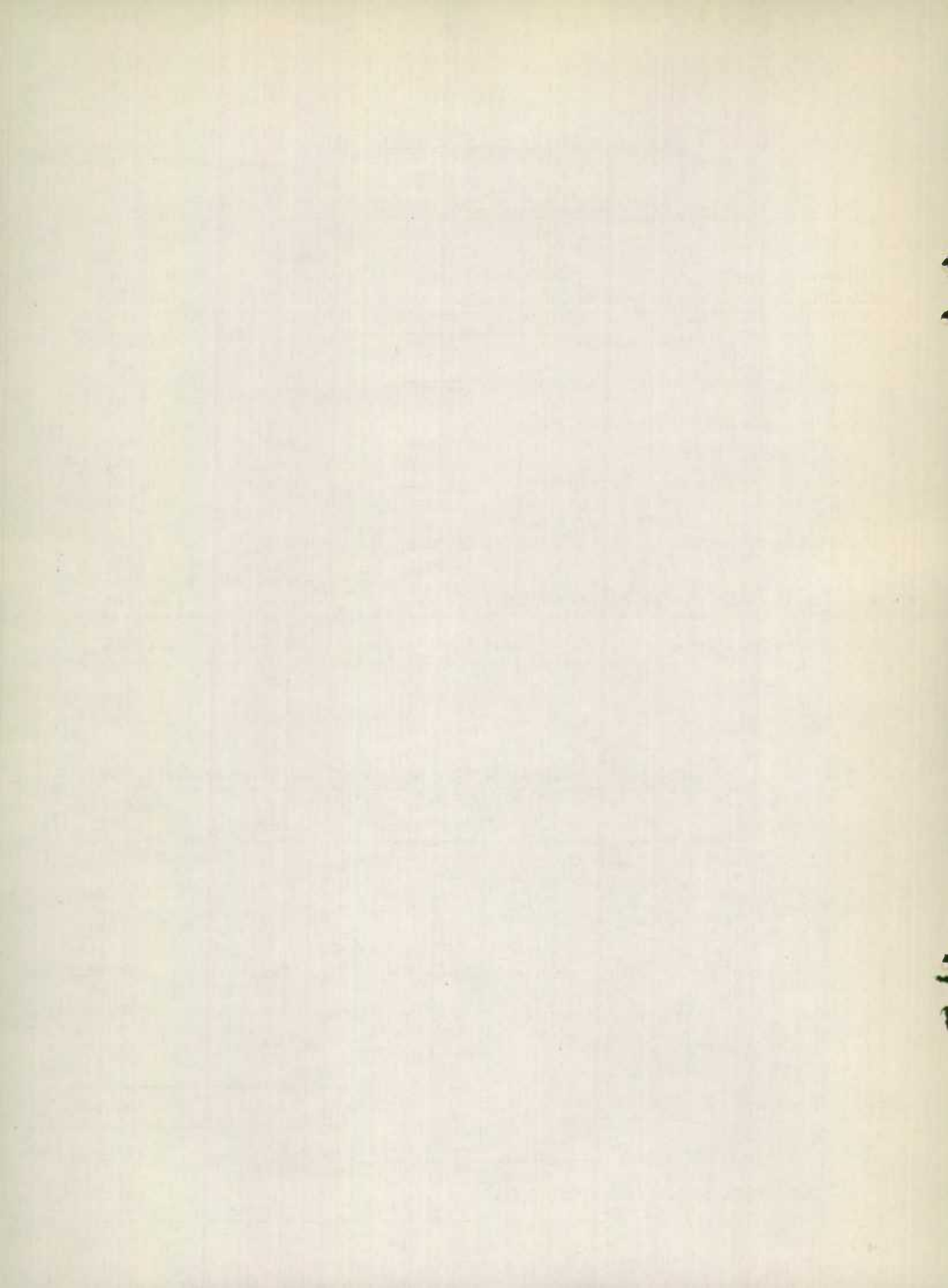
FEED AND CHOPPING MILLS IN CANADA, 1935.

Table 7. - Power Equipment in Feed and Chopping Mills, 1935.

Classes of Power		Number of Units	Manufacturers Rating of Horse-power Capacity
Steam engines and steam turbines	(In use	31	1,475
	(Idle	5	315
Diesel engines	(In use	131	5,571
	(Idle	4	90
Gasoline, gas and oil engines other than diesel	(In use	189	5,347
	(Idle	16	370
Hydraulic turbines or water wheels	(In use	312	10,933
	(Idle	4	220
Electric motors operated by purchased power	(In use	441	9,967
	(Idle	10	370
TOTAL POWER USED IN MANUFACTURING		1,143	34,658
Boiler installation		39	2,423

Table 8. - Consumption of Fuel and Electricity in Feed and Chopping Mills, 1935.

Kinds of Fuel	Unit of Measure	Quantity	Total Cost at Mill
			\$
Coal -	Ton		
Bituminous	(2000 Lb.)	2,672	19,649
Anthracite	"	442	4,575
Lignite	"	85	351
Coke	"	11	152
Gasoline	Imp. Gal.	108,466	23,392
Kerosene or coal oil	" "	4,779	1,007
Fuel and diesel oil	" "	354,163	38,461
Wood	Cord	1,693	4,675
Gas, manufactured and natural	M cu. ft.	10,341	5,621
Other fuel	-	-	1,580
TOTAL COST OF FUEL		-	99,443
Electricity purchased	Kw. H.	6,120,295	143,582
TOTAL COST OF FUEL AND ELECTRICITY		-	243,025



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