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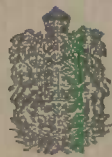
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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**CENSUS OF INDUSTRY**  
**GENERAL MANUFACTURES BRANCH**



**REPORT**

**ON THE**  
**FLOUR AND FEED MILLING INDUSTRIES**  
**IN**  
**CANADA**  
**1939**



OTTAWA  
1941

Price 25 cents



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, 1939.

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 1939 reveals the fact that, in addition to a decrease of 30 in the number of mills reporting, there was a marked decline in all of the other items comprising the principal statistics with the exception of employees salaries and wages which show an increase. These are shown for the Dominion for the years 1925 to 1937 and by provinces for the years 1938 and 1939 in table 1.

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 This has superseded to a great extent the former system of obtaining flour and other cereal products from the local mills, some of which have consequently discontinued operations.

This industry, which has existed to meet the domestic needs for more than 300 years, is one of the Dominion's oldest manufactures, but it is only within recent times that its progress has become spectacular. The war of 1914-1918 and the demand it created gave a great impetus to this trade. The 303 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 5,342,172 barrels in 1939 but in spite of the decrease, Canada continued to be one of the leading exporters of wheat flour. A further impetus may be expected as a direct result of the large export requirements to Great Britain on account of war time conditions prevailing.

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 1. - Principal Statistics for the Years 1925 to 1939.

| Year                               | Estab-<br>lish-<br>ments | Capital<br>Invested | Em-<br>ployees | Salaries<br>and Wages | Cost of<br>Materials<br>Used | Gross<br>Value of<br>Production |
|------------------------------------|--------------------------|---------------------|----------------|-----------------------|------------------------------|---------------------------------|
|                                    | No.                      | \$                  | No.            | \$                    | \$                           | \$                              |
| 1925 .....                         | 1,310                    | 60,104,258          | 6,166          | 7,190,022             | 163,164,668                  | 187,944,731                     |
| 1926 .....                         | 1,291                    | 58,335,813          | 6,348          | 7,222,464             | 163,905,450                  | 189,580,741                     |
| 1927 .....                         | 1,315                    | 62,062,013          | 6,384          | 7,372,670             | 163,712,597                  | 191,741,470                     |
| 1928 .....                         | 1,319                    | 63,514,575          | 6,556          | 7,606,674             | 165,032,821                  | 195,698,124                     |
| 1929 .....                         | 1,325                    | 67,773,534          | 6,618          | 7,578,276             | 150,806,665                  | 181,148,689                     |
| 1930 .....                         | 1,277                    | 62,617,007          | 5,923          | 6,679,113             | 119,677,686                  | 144,855,946                     |
| 1931 .....                         | 1,265                    | 61,069,192          | 5,671          | 6,032,189             | 71,771,797                   | 95,728,540                      |
| 1932 .....                         | 1,290                    | 58,283,212          | 5,586          | 5,576,395             | 63,177,656                   | 84,748,800                      |
| 1933 .....                         | 1,328                    | 59,054,505          | 5,470          | 5,108,137             | 63,297,848                   | 83,322,099                      |
| 1934 .....                         | 1,310                    | 59,293,426          | 5,633          | 5,135,312             | 74,048,243                   | 95,746,183                      |
| 1935 .....                         | 1,127                    | 56,475,315          | 5,454          | 5,165,507             | 78,071,667                   | 97,567,868                      |
| 1936 .....                         | 1,118                    | 61,867,237          | 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                     |
| <u>1938</u>                        |                          |                     |                |                       |                              |                                 |
| CANADA .....                       | 1,080                    | 50,111,006          | 5,778          | 6,163,351             | 99,418,794                   | 122,598,163                     |
| Prince Edward<br>Island .....      | 12                       | 61,073              | 14             | 4,586                 | 52,704                       | 63,234                          |
| Nova Scotia ....                   | 9                        | 160,609             | 20             | 18,718                | 619,534                      | 697,228                         |
| New Brunswick ..                   | 25                       | 536,815             | 92             | 76,506                | 653,999                      | 769,637                         |
| Quebec .....                       | 191                      | 5,626,017           | 697            | 832,051               | 12,518,866                   | 15,673,078                      |
| Ontario .....                      | 644                      | 24,035,889          | 3,189          | 3,223,184             | 53,155,870                   | 66,763,154                      |
| Manitoba .....                     | 42                       | 4,357,417           | 504            | 498,331               | 7,749,925                    | 9,287,085                       |
| Saskatchewan ...                   | 60                       | 9,197,959           | 542            | 683,135               | 14,671,717                   | 16,889,043                      |
| Alberta .....                      | 90                       | 5,814,298           | 685            | 787,416               | 9,698,550                    | 12,005,097                      |
| British Columbia                   | 7                        | 320,929             | 35             | 40,424                | 297,629                      | 450,612                         |
| <u>1939</u>                        |                          |                     |                |                       |                              |                                 |
| CANADA .....                       | 1,050                    | 47,926,318          | 5,898          | 6,515,496             | 75,435,165                   | 101,776,429                     |
| Prince Edward<br>Island .....      | 10                       | 45,108              | 11             | 3,839                 | 71,686                       | 88,050                          |
| Nova Scotia ....                   | 10                       | 191,759             | 20             | 15,921                | 448,321                      | 509,176                         |
| New Brunswick ..                   | 22                       | 389,225             | 81             | 73,196                | 631,367                      | 739,661                         |
| Quebec .....                       | 183                      | 5,949,641           | 750            | 908,484               | 8,706,847                    | 10,826,272                      |
| Ontario .....                      | 627                      | 23,363,064          | 3,205          | 3,399,012             | 44,278,443                   | 58,336,183                      |
| Manitoba .....                     | 38                       | 4,047,431           | 481            | 485,323               | 4,602,507                    | 6,126,143                       |
| Saskatchewan ...                   | 63                       | 8,177,268           | 585            | 749,294               | 9,997,517                    | 14,891,856                      |
| Alberta .....                      | 90                       | 5,434,230           | 732            | 841,979               | 6,439,800                    | 9,932,836                       |
| British Columbia                   | 7                        | 328,592             | 33             | 38,448                | 258,677                      | 326,252                         |
| <u>1939</u>                        |                          |                     |                |                       |                              |                                 |
| Flour mills ....                   | 303                      | 41,167,975          | 4,540          | 5,621,370             | 59,164,699                   | 81,745,050                      |
| Feed and chopp-<br>ing mills ..... | 747                      | 6,758,343           | 1,358          | 894,126               | 16,270,466                   | 20,031,379                      |
| TOTAL .....                        | 1,050                    | 47,926,318          | 5,898          | 6,515,496             | 75,435,165                   | 101,776,429                     |

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

From the preceding tables it will be noted that in 1939 there were decreases of \$20,821,739 in the value of production, \$23,983,629 in the cost of materials used and \$2,184,688 in capital investment, but the salary and wage payments increased to the extent of \$352,145 due to an additional 120 employees on the payroll.

Production. - The total value of all products of the two industries in 1939 amounted to \$101,776,429 of which wheat flour was accountable for \$54,322,321. Next in order of importance was chopped grain feed with a total of \$22,177,846 followed by shorts and middlings to the extent of \$6,101,243. Rolled oats takes fourth place with \$6,055,535 whilst bran occupies fifth position with a valuation of \$4,109,671. The output of wheat flour of all grades in 1939 totalled 15,751,654 barrels valued at \$3.45 per barrel. This represents an increase of 2,398,134 in the number of barrels produced but a decrease of \$2.20 in the selling price per barrel as compared with 1938.

Capital. - The capital employed in these industries represented an investment of \$47,926,318 which was divided as follows: fixed capital - consisting of present value of land, buildings, fixtures, machinery, tools, etc., - \$26,591,745 and working capital which comprises inventory value of materials on hand, stocks in process, finished products on hand, etc., \$13,674,935 and cash, bills and accounts receivable \$7,659,638.

Employees, Salaries and Wages. - The administrative and clerical work in connection with the two industries required the services of 1,701 male and 240 female employees whose total salaries amounted to \$2,582,208. The number of wage-earners employed was 3,808 male and 149 female which necessitated a payroll amounting to \$3,933,288.

Cost of Materials. - The total cost of all materials used in both industries, including containers, amounted to \$75,435,165. Wheat of all types was by far the largest contributor to this sum with \$45,034,856. Mixed grain for chopping takes second place with \$14,794,417. The next largest item of expense was that of containers and container materials which accounted for \$5,546,968 whilst oats occupy fourth position with a total cost of \$5,334,829.

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 2. - Quantity and Value of Principal Mill Products in Canada, 1929 and 1934 to 1939.

| Products                       | Unit of Measure | Quantity   | Selling Value at Mill | Average Value |
|--------------------------------|-----------------|------------|-----------------------|---------------|
|                                |                 |            | \$                    | \$            |
| <u>1929</u>                    |                 |            |                       |               |
| Wheat flour, all grades .....  | Barrel          | 19,756,422 | 114,552,634           | 5.80          |
| Oatmeal and rolled oats .....  | "               | 830,099    | 6,902,869             | 8.32          |
| Bran, shorts and middlings ... | Ton             | 713,744    | 19,913,668            | 27.91         |
| Feed, chopped .....            | "               | 848,698    | 30,927,336            | 36.44         |
| <u>1934</u>                    |                 |            |                       |               |
| Wheat flour, all grades .....  | Barrel          | 14,807,515 | 57,120,238            | 3.86          |
| Oatmeal and rolled oats .....  | "               | 801,896    | 5,138,730             | 6.48          |
| Bran, shorts and middlings ... | Ton             | 517,498    | 8,956,362             | 17.31         |
| Feed, chopped .....            | "               | 701,288    | 17,937,718            | 25.65         |
| <u>1935</u>                    |                 |            |                       |               |
| Wheat flour, all grades .....  | Barrel          | 14,137,510 | 57,168,713            | 4.04          |
| Oatmeal and rolled oats .....  | "               | 763,852    | 5,501,358             | 7.16          |
| Bran, shorts and middlings ... | Ton             | 495,767    | 9,968,356             | 20.11         |
| Feed, chopped .....            | "               | 749,540    | 18,192,926            | 24.27         |
| <u>1936</u>                    |                 |            |                       |               |
| Wheat flour, all grades .....  | Barrel          | 14,932,400 | 65,999,686            | 4.42          |
| Oatmeal and rolled oats .....  | "               | 886,109    | 6,516,633             | 7.35          |
| Bran, shorts and middlings ... | Ton             | 556,168    | 10,283,176            | 18.49         |
| Feed, chopped .....            | "               | 813,562    | 23,152,120            | 28.46         |
| <u>1937</u>                    |                 |            |                       |               |
| Wheat flour, all grades .....  | Barrel          | 14,208,560 | 80,597,091            | 5.67          |
| Oatmeal and rolled oats .....  | "               | 806,007    | 6,294,699             | 7.81          |
| Bran, shorts and middlings ... | Ton             | 509,872    | 13,330,106            | 26.14         |
| Feed, chopped .....            | "               | 724,624    | 23,700,986            | 32.71         |
| <u>1938</u>                    |                 |            |                       |               |
| Wheat flour, all grades .....  | Barrel          | 13,353,520 | 75,419,729            | 5.65          |
| Oatmeal and rolled oats .....  | "               | 830,293    | 6,408,292             | 7.72          |
| Bran, shorts and middlings ... | Ton             | 458,328    | 10,524,583            | 22.96         |
| Feed, chopped .....            | "               | 756,420    | 20,875,590            | 27.60         |
| <u>1939</u>                    |                 |            |                       |               |
| Wheat flour, all grades .....  | Barrel          | 15,751,654 | 54,322,321            | 3.45          |
| Oatmeal and rolled oats .....  | Ton             | 86,648     | 6,528,761             | 75.35         |
| Bran, shorts and middlings ... | "               | 580,563    | 10,210,914            | 17.59         |
| Feed, chopped .....            | "               | 845,696    | 22,177,846            | 26.22         |

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 3. - Production in All Mills, by Classes, 1939.

| 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.                     | 6,378,139         | 24,372,098 | 131,065                     | 530,795    | 24,902,893                  |
| Spring No. 2 Patent "                        | 4,841,343         | 15,969,588 | 162,006                     | 527,967    | 16,497,555                  |
| Spring Straight "                            | 1,632,115         | 5,277,665  | 261,904                     | 827,877    | 6,105,542                   |
| Ontario Winter                               |                   |            |                             |            |                             |
| Straight .....                               | " 1,119,444       | 3,570,190  | 2,397                       | 8,661      | 3,578,851                   |
| Low grade flour ...                          | " 663,512         | 1,512,971  | 15,808                      | 36,307     | 1,549,278                   |
| Feed flour .....                             | " 187,638         | 419,540    | 1,133                       | 2,796      | 422,336                     |
| All other .....                              | " 348,804         | 1,240,737  | 6,346                       | 25,129     | 1,265,866                   |
| Flour and meal, other-                       |                   |            |                             |            |                             |
| Whole wheat and                              |                   |            |                             |            |                             |
| Graham flour .....                           | Lb. 8,101,317     | 194,589    | 95,920                      | 1,949      | 196,538                     |
| Prepared or self-                            |                   |            |                             |            |                             |
| Raising flour.....                           | " 1,747,829       | 139,479    | 5,227                       | 141        | 139,620                     |
| Barley, flour & meal                         | " 6,023,150       | 75,759     | 81,240                      | 1,218      | 76,977                      |
| Rye, flour & meal ..                         | " 5,110,828       | 85,024     | 39,088                      | 798        | 85,822                      |
| Corn flour .....                             | " 6,999,048       | 163,550    | -                           | -          | 163,550                     |
| Corn meal .....                              | " 61,050,713      | 1,146,004  | 840,590                     | 12,086     | 1,158,090                   |
| Buckwheat flour ....                         | " 292,678         | 8,113      | 633,718                     | 19,467     | 27,580                      |
| Pea meal .....                               | " 48,145          | 728        | -                           | -          | 728                         |
| Breakfast foods -                            |                   |            |                             |            |                             |
| Prepared breakfast                           |                   |            |                             |            |                             |
| foods .....                                  | Lb. 7,430,954     | 1,087,559  | -                           | -          | 1,087,559                   |
| Oatmeal .....                                | Tons 6,291        | 471,926    | 13                          | 1,300      | 473,226                     |
| Rolled oats .....                            | " 80,344          | 6,055,535  | -                           | -          | 6,055,535                   |
| Rolled or flaked wheat                       | Lb. 4,150,404     | 106,573    | 7,597                       | 218        | 106,791                     |
| Unprepared breakfast                         |                   |            |                             |            |                             |
| foods .....                                  | " 7,155,190       | 306,555    | 132,297                     | 3,733      | 310,288                     |
| Other products -                             |                   |            |                             |            |                             |
| Barley, pot and pearl                        | Lb. 4,581,285     | 108,687    | 3,600                       | 108        | 108,795                     |
| Corn, cracked .....                          | " 27,057,410      | 425,863    | 445,172                     | 6,466      | 432,329                     |
| Peas, split .....                            | " 696,830         | 33,818     | -                           | -          | 33,818                      |
| Stock and poultry                            |                   |            |                             |            |                             |
| foods .....                                  | Tons 79,306       | 2,869,009  | 792                         | 30,926     | 2,899,935                   |
| Shorts and middlings                         | " 323,253         | 5,842,780  | 11,681                      | 258,463    | 6,101,243                   |
| Bran .....                                   | " 233,279         | 3,872,601  | 12,350                      | 237,070    | 4,109,671                   |
| Chopped grain feed..                         | " 81,769          | 2,087,468  | 763,927                     | 20,090,378 | 22,177,846                  |
| Alfalfa meal .....                           | " 5,814           | 88,797     | 250                         | 4,734      | 93,531                      |
| Offal, not otherwise                         |                   |            |                             |            |                             |
| specified .....                              | " 105,868         | 1,477,082  | 1,718                       | 38,836     | 1,515,918                   |
| All other products .                         | -                 | 95,413     | -                           | 3,305      | 98,718                      |
| TOTAL VALUE OF PRODUCTION IN ALL MILLS ..... | -                 | 79,105,701 | -                           | 22,670,728 | 101,776,429                 |

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 4. - Materials Used in All Mills, 1938 and 1939.

|   | Unit of Measure | C A N A D A |                    |
|---|-----------------|-------------|--------------------|
|   |                 | Quantity    | Cost Value at Mill |
| <u>1 9 3 8</u>                                    |                 |             |                    |
| Wheat .....                                       | Bushel          | 60,268,331  | 69,507,401         |
| Oats .....  | "               | 14,213,351  | 6,250,040          |
| Barley .....                                      | "               | 2,161,564   | 1,149,524          |
| Rye .....   | "               | 175,250     | 126,112            |
| Corn .....  | "               | 3,069,389   | 2,416,513          |
| Buckwheat .....                                   | "               | 291,463     | 185,896            |
| Peas .....  | "               | 41,536      | 53,743             |
| Mixed grains for chopping .....                   | "               | 30,458,967  | 13,732,723         |
| Other grains .....                                | "               | 412,153     | 190,846            |
| Cost of containers purchased .....                | -               | -           | 4,941,380          |
| Cost of materials used in making containers ..... | -               | -           | 15,732             |
| All other materials .....                         | -               | -           | 848,884            |
| <b>TOTAL COST OF MATERIALS USED .....</b>         | -               | -           | <b>99,418,794</b>  |
| <u>1 9 3 9</u>                                    |                 |             |                    |
| Wheat .....                                       | Bushel          | 72,505,283  | 45,034,856         |
| Oats .....  | "               | 15,666,543  | 5,334,829          |
| Barley .....                                      | "               | 2,248,327   | 1,023,347          |
| Rye .....   | "               | 196,910     | 103,799            |
| Corn .....  | "               | 2,946,281   | 2,042,646          |
| Buckwheat .....                                   | "               | 285,251     | 171,376            |
| Peas .....  | "               | 29,944      | 49,198             |
| Mixed grains for chopping .....                   | "               | 34,251,464  | 14,794,417         |
| Other grains .....                                | "               | 533,949     | 132,708            |
| Cost of containers purchased .....                | -               | -           | 5,486,670          |
| Cost of materials used in making containers ..... | -               | -           | 60,298             |
| All other materials .....                         | -               | -           | 1,201,021          |
| <b>TOTAL COST OF MATERIALS USED .....</b>         | -               | -           | <b>75,435,165</b>  |



THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 5. - Capital Invested in all Mills, 1924-37, and by Provinces, 1938 and 1939.

| 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. |               |
|                         | \$   | \$  | \$  | \$            |
| 1924 .....              | 37,991,708   | 17,151,817  | 9,213,016                                 | 64,356,541    |
| 1925 .....              | 35,767,591   | 14,379,267  | 9,957,400                                 | 60,104,258    |
| 1926 .....              | 36,158,799   | 12,942,566  | 9,234,448                                 | 58,335,813    |
| 1927 .....              | 37,740,387   | 14,391,882  | 9,929,744                                 | 62,062,013    |
| 1928 .....              | 36,857,519   | 16,859,539  | 9,797,517                                 | 63,514,575    |
| 1929 .....              | 37,777,963   | 19,440,788  | 10,554,783                                | 67,773,534    |
| 1930 .....              | 36,776,071   | 14,812,792  | 11,028,144                                | 62,617,007    |
| 1931 .....              | 37,425,362   | 11,088,544  | 12,555,286                                | 61,069,192    |
| 1932 .....              | 36,002,825   | 11,152,044  | 11,128,543                                | 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   | 16,561,405  | 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    |
| <u>1938</u>             |  |   |   |               |
| CANADA .....            | 28,687,452   | 10,283,008  | 11,140,546                                | 50,111,006    |
| Prince Edward Island .. | 58,196   | 1,252   | 1,625                                     | 61,073        |
| Nova Scotia .....       | 77,167   | 17,306  | 66,136                                    | 160,609       |
| New Brunswick .....     | 204,785  | 245,778   | 86,252                                    | 536,815       |
| Quebec .....            | 2,491,897  | 928,634   | 2,205,486                                 | 5,626,017     |
| Ontario .....           | 16,529,083   | 4,569,656   | 2,937,150                                 | 24,035,889    |
| Manitoba .....          | 2,601,637  | 796,007   | 959,773                                   | 4,357,417     |
| Saskatchewan .....      | 3,257,406  | 2,179,928   | 3,760,625                                 | 9,197,959     |
| Alberta .....           | 3,309,851  | 1,465,243   | 1,039,204                                 | 5,814,298     |
| British Columbia .....  | 157,430  | 79,204  | 84,295                                    | 320,929       |
| <u>1939</u>             |  |   |   |               |
| CANADA .....            | 26,591,745   | 13,674,935  | 7,659,638                                 | 47,926,318    |
| Prince Edward Island .. | 42,897   | 1,210   | 1,001                                     | 45,108        |
| Nova Scotia .....       | 80,184   | 45,880  | 65,695                                    | 191,759       |
| New Brunswick .....     | 179,214  | 90,305  | 119,706                                   | 389,225       |
| Quebec .....            | 2,492,166  | 1,492,622   | 1,964,853                                 | 5,949,641     |
| Ontario .....           | 15,285,289   | 5,468,041   | 2,609,734                                 | 23,363,064    |
| Manitoba .....          | 2,437,037  | 1,161,790   | 448,604                                   | 4,047,431     |
| Saskatchewan .....      | 3,157,207  | 3,419,402   | 1,600,659                                 | 8,177,268     |
| Alberta .....           | 2,774,988  | 1,893,992   | 765,250                                   | 5,434,230     |
| British Columbia .....  | 142,763  | 101,693   | 84,136                                    | 328,592       |

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 6. - Employees, Salaries and Wages in all Mills, by Provinces, 1938 and 1939.

| 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>1938</u>                |                       |        |                |                    |        |             |                                     |        |                    |
| CANADA ....                | 1,671                 | 228    | 2,464,473      | 3,728              | 151    | 3,698,878   | 5,399                               | 379    | 6,163,351          |
| Prince Edward Island ..... | 9                     | -      | 2,066          | 5                  | -      | 2,520       | 14                                  | -      | 4,586              |
| Nova Scotia .              | 3                     | -      | 1,035          | 17                 | -      | 17,683      | 20                                  | -      | 18,718             |
| New Brunswick              | 25                    | 8      | 22,603         | 58                 | 1      | 53,903      | 83                                  | 9      | 76,506             |
| Quebec .....               | 280                   | 19     | 469,969        | 396                | 2      | 362,082     | 676                                 | 21     | 832,051            |
| Ontario .....              | 766                   | 123    | 1,013,605      | 2,191              | 109    | 2,209,579   | 2,957                               | 232    | 3,223,184          |
| Manitoba ....              | 116                   | 13     | 186,138        | 355                | 20     | 312,193     | 471                                 | 33     | 498,331            |
| Saskatchewan.              | 210                   | 34     | 351,158        | 284                | 14     | 330,977     | 494                                 | 48     | 682,135            |
| Alberta .....              | 248                   | 31     | 400,612        | 401                | 5      | 386,804     | 649                                 | 36     | 787,416            |
| British Columbia ...       | 14                    | -      | 17,287         | 21                 | -      | 23,137      | 35                                  | -      | 40,424             |
| <u>1939</u>                |                       |        |                |                    |        |             |                                     |        |                    |
| CANADA ...                 | 1,701                 | 240    | 2,582,208      | 3,808              | 149    | 3,933,288   | 5,509                               | 389    | 6,515,496          |
| Prince Edward Island ..... | 7                     | -      | 2,406          | 4                  | -      | 1,793       | 11                                  | -      | 3,839              |
| Nova Scotia .              | 6                     | -      | 3,670          | 14                 | -      | 12,251      | 20                                  | -      | 15,921             |
| New Brunswick              | 20                    | 8      | 23,186         | 53                 | -      | 50,010      | 73                                  | 8      | 73,196             |
| Quebec .....               | 275                   | 27     | 494,625        | 446                | 2      | 413,859     | 721                                 | 29     | 908,484            |
| Ontario .....              | 770                   | 123    | 1,043,241      | 2,210              | 102    | 2,355,771   | 2,980                               | 225    | 3,399,012          |
| Manitoba ....              | 121                   | 18     | 195,724        | 317                | 25     | 289,599     | 438                                 | 43     | 485,323            |
| Saskatchewan.              | 226                   | 31     | 375,033        | 314                | 14     | 374,261     | 540                                 | 45     | 749,294            |
| Alberta .....              | 264                   | 33     | 426,935        | 429                | 6      | 415,044     | 693                                 | 39     | 841,979            |
| British Columbia ...       | 12                    | -      | 17,748         | 21                 | -      | 20,700      | 33                                  | -      | 38,448             |

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 7. - Power Equipment in all Mills, 1938 and 1939.

| Classes of Power  | 1938            |   | 1939            |   |
|---|-----------------|---|-----------------|---|
|   | Number of Units | Manufacturers' Rating of Horse-power Capacity | Number of Units | Manufacturers' Rating of Horse-power Capacity |
| Steam engines ..... (In use)  | 87              | 10,000  | 86              | 9,067   |
| ..... (Idle)  | 10              | 707   | 10              | 553   |
| Diesel engines ..... (In use)   | 199             | 9,080   | 202             | 9,446   |
| ..... (Idle)  | 7               | 252   | 5               | 219   |
| Gasoline, gas and oil engines other than diesel (In Use)                        | 235             | 6,984   | 255             | 8,231   |
| ..... (Idle)  | 35              | 998   | 34              | 893   |
| Hydraulic turbines or water wheels ... (In use)                                 | 512             | 25,450  | 501             | 25,014  |
| ..... (Idle)  | 18              | 1,122   | 15              | 692   |
| Electric motors operated by purchased power ..... (In use)                      | 2,013           | 57,677  | 2,107           | 58,298  |
| ..... (Idle)  | 102             | 6,078   | 99              | 6,185   |
| TOTAL POWER USED IN MANUFACTURING   | 3,218           | 118,348                                       | 3,314           | 118,598                                       |
| Electric motors operated by power generated by the establishment ..... (In use) | 92              | 3,126   | 93              | 3,502   |
| ..... (Idle)  | 3               | 255   | -               | -   |
| Boilers ..... (In use)  | 124             | 12,568  | 113             | 11,429  |
| ..... (Idle)  | 4               | 450   | 7               | 462   |

Table 8. - Fuel and Electricity Used in all Mills, 1938 and 1939.

| Kinds of Fuel                            | Unit of Measure | 1938       |                    | 1939        |                    |
|--|-----------------|------------|--------------------|-------------|--------------------|
|  |                 | Quantity   | Total Cost at Mill | Quantity    | Total Cost at Mill |
| Bituminous coal .....                    | Short ton       | 24,218     | \$ 128,614         | 24,815      | \$ 127,911         |
| Anthracite coal .....                    | " "             | 570        | 6,063              | 828         | 8,208              |
| Lignite coal .....                       | " "             | 14,590     | 42,940             | 14,040      | 40,925             |
| Coke .....                               | " "             | 148        | 771                | 23          | 215                |
| Gasoline .....                           | Imp. Gal.       | 166,232    | 35,451             | 212,433     | 46,430             |
| Kerosene or coal oil .....               | " "             | 5,470      | 1,110              | 13,478      | 1,541              |
| Fuel and diesel oil .....                | " "             | 579,582    | 64,335             | 611,795     | 66,757             |
| Wood .....                               | Cord            | 13,954     | 37,340             | 12,434      | 34,349             |
| Gas, manufactured and natural            | M cu. ft.       | 417,999    | 33,903             | 464,428     | 38,165             |
| Other fuel .....                         | -               | -          | 18,775             | -           | 19,864             |
| Electricity purchased .....              | K.W.H.          | 99,022,025 | 820,974            | 111,496,098 | 904,963            |
| Electricity generated - for sale .....   | "               | 5,718      | 237                | 800         | 45                 |
| TOTAL COST OF FUEL AND ELECTRICITY ..... | -               | -          | 1,190,513          | -           | 1,289,373          |

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 9. - Imports of Milled Products and Grains by Quantity and Value  
1938 and 1939.

| Articles Imported  | Unit of Measure | 1938      |            | 1939      |           |
|--|-----------------|-----------|------------|-----------|-----------|
|  |                 | Quantity  | Value      | Quantity  | Value     |
|  |                 |           | \$         |           | \$        |
| <b>Milled Products</b>                                     |                 |           |            |           |           |
| Wheat flour .....  | Barrel          | 38,752    | 339,959    | 33,065    | 305,386   |
| Buckwheat meal and flour..                                 | Cwt.            | 808       | 2,924      | 983       | 2,594     |
| Cornmeal .....   | Barrel          | 23,993    | 76,709     | 16,989    | 63,241    |
| Malt flour .....   | Pound           | 38,162    | 2,412      | 35,349    | 1,901     |
| Rye flour .....  | Barrel          | 2,820     | 8,770      | 3,036     | 8,876     |
| Oatmeal and rolled oats...                                 | Pound           | 208,261   | 11,429     | 241,934   | 15,792    |
| Barley, pot and pearl ....                                 | "               | 38,623    | 8,482      | 46,066    | 9,470     |
| Peas, split .....  | "               | 1,572,173 | 41,117     | 957,601   | 28,755    |
| Hominy, cracked, ground,<br>etc. ....                      | -               | -         | 116,014    | -         | 162,251   |
| Rice, bran, meal and<br>flour .....                        | Pound           | 62,719    | 3,911      | 206,846   | 9,233     |
| Sago and tapioca flour ...                                 | "               | 2,837,922 | 49,058     | 4,292,053 | 90,053    |
| Bran and mill feed .....                                   | Cwt.            | 113,888   | 124,145    | 6,492     | 17,956    |
| Cereal food in packages...                                 | Pound           | 534,111   | 65,462     | 631,302   | 79,637    |
| Cereal foods, n.o.p. ....                                  | -               | -         | 26,076     | -         | 26,152    |
| Semolina .....   | Barrel          | 893       | 6,235      | 39        | 685       |
| <b>TOTAL VALUE OF IMPORTS<br/>OF MILLED PRODUCTS .....</b> | -               | -         | 882,703    | -         | 821,982   |
| <b>Grains</b>  |                 |           |            |           |           |
| Wheat .....  | Bushel          | 5,637,652 | 5,565,243  | 652,169   | 544,174   |
| Oats .....   | "               | 8,651,144 | 2,915,483  | 1,035,802 | 284,292   |
| Barley .....   | "               | 2,164     | 2,633      | 248       | 249       |
| Corn for all purposes ...                                  | "               | 9,349,924 | 5,474,758  | 7,864,992 | 4,571,474 |
| Buckwheat .....  | "               | 99        | 139        | 66        | 79        |
| Peas, n.o.p. ....  | Pound           | 8,916,774 | 316,955    | 4,582,306 | 176,719   |
| Rye .....  | Bushel          | 20,056    | 19,016     | 50        | 23        |
| Beans, n.o.p. ....   | Pound           | 1,748,110 | 79,750     | 2,621,896 | 142,816   |
| Beans, soya .....  | "               | 3,640,710 | 64,046     | 9,251,477 | 144,329   |
| Rice, uncleaned .....                                      | Cwt.            | 455,870   | 867,766    | 627,903   | 1,004,082 |
| Rice, cleaned .....  | "               | 137,116   | 382,011    | 172,991   | 479,063   |
| <b>TOTAL VALUE OF<br/>GRAINS IMPORTED .....</b>            | -               | -         | 15,687,800 | -         | 7,347,300 |

THE FLOUR AND FEED MILLING INDUSTRIES IN CANADA, 1939.

Table 10. - Exports of Milled Products and Grains by Quantity and Value, 1938 and 1939.

| Articles Exported                                    | Unit of Measure | 1938        |                    | 1939        |                    |
|--|-----------------|-------------|--------------------|-------------|--------------------|
|  |                 | Quantity    | Value<br>\$        | Quantity    | Value<br>\$        |
| <b>Milled Products -</b>                             |                 |             |                    |             |                    |
| Rye flour .....                                      | Barrel          | 53          | 228                | 718         | 2,619              |
| Wheat flour .....                                    | "               | 3,911,886   | 17,637,743         | 5,342,172   | 16,378,301         |
| Oatmeal and rolled oats.                             | Cwt.            | 712,093     | 3,385,164          | 784,164     | 3,432,205          |
| Bran, shorts and Middlings .....                     | "               | 1,558,274   | 1,649,847          | 5,031,404   | 4,844,955          |
| Malt .....   | Bushel          | 1,578,388   | 1,697,203          | 2,144,101   | 1,962,536          |
| Peas, split .....                                    | "               | 192         | 465                | 6,848       | 27,772             |
| Screenings .....                                     | Cwt.            | 1,217,518   | 224,067            | 1,816,523   | 373,531            |
| Cornmeal .....                                       | Barrel          | 122,232     | 377,010            | 102,030     | 298,183            |
| Rice, meal and flour ...                             | Pound           | 287,645     | 7,210              | 365,230     | 8,665              |
| All other meals, n.o.p.                              | Cwt.            | 534         | 1,629              | 794         | 1,714              |
| Cereal foods, prepared, all kinds .....              | -               | -           | 3,887,416          | -           | 2,892,153          |
| <b>TOTAL VALUE OF MILLED PRODUCTS EXPORTED .....</b> | -               | -           | <b>28,867,982</b>  | -           | <b>30,222,634</b>  |
| <b>Grains -</b>                                      |                 |             |                    |             |                    |
| Wheat .....  | Bushel          | 114,176,301 | 89,393,814         | 162,904,586 | 109,050,542        |
| Oats .....   | "               | 6,886,473   | 2,698,250          | 12,115,598  | 4,142,375          |
| Barley .....   | "               | 17,445,767  | 8,734,577          | 16,794,866  | 7,881,541          |
| Corn .....   | "               | 4,642       | 4,867              | 5,391       | 4,688              |
| Rye .....  | "               | 1,108,913   | 542,629            | 3,838,862   | 2,044,645          |
| Buckwheat .....                                      | "               | 296,387     | 189,933            | 604,263     | 340,485            |
| Peas, whole .....                                    | "               | 3,912       | 10,876             | 10,433      | 37,293             |
| Beans .....  | "               | 552,422     | 708,578            | 560,410     | 926,406            |
| <b>TOTAL VALUE OF GRAINS EXPORTED .....</b>          | -               | -           | <b>102,283,524</b> | -           | <b>124,427,975</b> |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

SECTION 2. - THE FLOUR MILLING INDUSTRY, 1939.

Table 1. - Principal Statistics of the Flour Mills in Canada for the Years, 1924-39.

| Year                                   | Estab- | Capital    | Em-   | Salaries  | Cost of     | Gross       |
|--|--------|------------|-------|-----------|-------------|-------------|
|  | lish-  |            |       |           |             |             |
|  | ments  |            |       | and Wages | Used        | Production  |
|  | No.    | \$         | No.   | \$        | \$          | \$          |
| 1924 .....                             | 457    | 59,509,871 | 5,585 | 7,160,527 | 135,036,994 | 161,624,551 |
| 1925 .....                             | 455    | 55,011,056 | 5,119 | 6,504,691 | 147,069,973 | 168,037,899 |
| 1926 .....                             | 442    | 53,181,355 | 5,188 | 6,486,285 | 145,989,909 | 168,534,279 |
| 1927 .....                             | 431    | 56,366,699 | 5,148 | 6,558,309 | 143,255,728 | 167,597,325 |
| 1928 .....                             | 423    | 57,567,079 | 5,285 | 6,745,415 | 144,868,517 | 172,071,795 |
| 1929 .....                             | 409    | 61,215,205 | 5,308 | 6,714,960 | 130,437,426 | 157,274,329 |
| 1930 .....                             | 382    | 56,264,148 | 4,673 | 5,885,224 | 102,323,717 | 124,504,524 |
| 1931 .....                             | 372    | 55,050,361 | 4,410 | 5,276,688 | 59,085,624  | 79,591,603  |
| 1932 .....                             | 394    | 52,417,339 | 4,325 | 4,912,371 | 52,414,311  | 71,035,283  |
| 1933 .....                             | 413    | 51,989,432 | 4,153 | 4,422,689 | 51,719,587  | 68,746,624  |
| 1934 .....                             | 435    | 52,491,680 | 4,263 | 4,443,991 | 61,392,000  | 80,170,600  |
| 1935 .....                             | 384    | 50,278,121 | 4,244 | 4,479,679 | 65,378,617  | 81,955,937  |
| 1936 .....                             | 363    | 55,275,090 | 4,416 | 4,785,910 | 73,972,242  | 94,320,594  |
| 1937 .....                             | 355    | 49,617,744 | 4,469 | 5,069,315 | 94,016,740  | 112,744,579 |
| <u>1938</u>                            |        |            |       |           |             |             |
| CANADA .....                           | 328    | 43,395,733 | 4,454 | 5,334,366 | 84,067,240  | 103,886,310 |
| Prince Edward Island                   | 8      | 50,523     | 10    | 3,970     | 41,557      | 49,734      |
| Nova Scotia and<br>New Brunswick ..... | 8      | 58,200     | 12    | 5,195     | 49,669      | 66,786      |
| Quebec .....                           | 69     | 4,924,045  | 551   | 769,503   | 11,495,902  | 14,364,770  |
| Ontario .....                          | 116    | 19,012,607 | 2,212 | 2,594,476 | 40,917,064  | 51,854,090  |
| Manitoba .....                         | 34     | 4,278,969  | 488   | 484,852   | 7,653,759   | 9,152,837   |
| Saskatchewan .....                     | 44     | 9,153,108  | 525   | 677,434   | 14,582,166  | 16,779,442  |
| Alberta .....                          | 46     | 5,673,472  | 630   | 764,832   | 9,061,279   | 11,207,660  |
| British Columbia ...                   | 3      | 244,809    | 26    | 34,104    | 265,844     | 410,991     |
| <u>1939</u>                            |        |            |       |           |             |             |
| CANADA .....                           | 303    | 41,167,975 | 4,540 | 5,621,370 | 59,164,699  | 81,745,050  |
| Prince Edward Island                   | 6      | 34,758     | 7     | 3,113     | 59,477      | 73,240      |
| Nova Scotia and<br>New Brunswick ..... | 7      | 29,298     | 10    | 5,076     | 67,941      | 83,705      |
| Quebec .....                           | 55     | 5,126,918  | 581   | 824,030   | 7,432,736   | 9,239,281   |
| Ontario .....                          | 109    | 18,314,427 | 2,216 | 2,730,317 | 31,132,161  | 42,203,887  |
| Manitoba .....                         | 30     | 3,967,733  | 464   | 470,823   | 4,510,858   | 5,998,676   |
| Saskatchewan .....                     | 49     | 8,138,043  | 571   | 744,818   | 9,911,240   | 14,786,046  |
| Alberta .....                          | 43     | 5,284,864  | 665   | 810,030   | 5,763,348   | 9,064,470   |
| British Columbia ...                   | 4      | 271,934    | 26    | 33,163    | 236,938     | 295,745     |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 2. - Production in Flour Mills by Classes and the Provinces, 1939.

| Products                             | Unit of Measure | Merchant Grinding |                   | Custom or Exchange Grinding |                  | Total Selling Value at Mill |
|--------------------------------------|-----------------|-------------------|-------------------|-----------------------------|------------------|-----------------------------|
|                                      |                 | Quantity          | Value             | Quantity                    | Value            |                             |
|                                      |                 |                   | \$                |                             | \$               | \$                          |
| <u>CANADA</u>                        |                 |                   |                   |                             |                  |                             |
| Wheat flour -                        |                 |                   |                   |                             |                  |                             |
| Spring No. 1 Patent .....            | Barrel          | 6,378,139         | 24,372,038        | 131,065                     | 530,795          | 24,902,893                  |
| Spring No. 2 Patent .....            | "               | 4,841,343         | 15,969,588        | 162,006                     | 527,967          | 16,497,555                  |
| Spring Straight .....                | "               | 1,632,115         | 5,277,665         | 261,904                     | 827,877          | 6,105,542                   |
| Ontario Winter Straight ..           | "               | 1,112,444         | 3,570,190         | 2,397                       | 8,661            | 3,578,351                   |
| Low grade flour .....                | "               | 663,512           | 1,512,971         | 15,808                      | 36,307           | 1,549,278                   |
| Feed flour .....                     | "               | 187,638           | 419,540           | 1,133                       | 2,796            | 422,336                     |
| All other .....                      | "               | 348,804           | 1,240,737         | 6,346                       | 25,129           | 1,265,866                   |
| Flour and meal, other -              |                 |                   |                   |                             |                  |                             |
| Whole wheat and graham flour .....   | Lb.             | 7,272,705         | 175,425           | 93,105                      | 1,899            | 177,324                     |
| Prepared or self-raising flour ..... | "               | 1,747,829         | 139,479           | 5,227                       | 141              | 139,620                     |
| Barley, flour and meal ...           | "               | 5,584,250         | 70,715            | 17,640                      | 264              | 70,979                      |
| Rye, flour and meal .....            | "               | 4,936,338         | 82,408            | 39,083                      | 798              | 83,206                      |
| Corn flour .....                     | "               | 5,387,732         | 122,445           | -                           | -                | 122,445                     |
| Corn meal .....                      | "               | 22,340,951        | 475,133           | 1,000                       | 20               | 475,203                     |
| Buckwheat flour .....                | "               | 182,308           | 4,233             | 255,148                     | 8,029            | 12,312                      |
| Breakfast foods -                    |                 |                   |                   |                             |                  |                             |
| Prepared breakfast foods             | Lb.             | 7,385,402         | 1,082,782         | -                           | -                | 1,082,782                   |
| Oatmeal .....                        | Ton             | 5,930             | 457,839           | 13                          | 1,300            | 459,189                     |
| Rolled oats .....                    | "               | 76,048            | 5,868,215         | -                           | -                | 5,868,215                   |
| Rolled or flaked wheat ...           | Lb.             | 2,626,152         | 67,954            | 7,597                       | 218              | 68,172                      |
| Unprepared breakfast foods           | "               | 6,143,290         | 272,260           | 132,297                     | 3,733            | 275,993                     |
| Other products -                     |                 |                   |                   |                             |                  |                             |
| Barley, pot and pearl ....           | Lb.             | 3,334,577         | 78,975            | 3,600                       | 108              | 79,083                      |
| Corn, cracked .....                  | "               | 7,940,822         | 119,384           | 500                         | 10               | 119,394                     |
| Stock and poultry foods ..           | Ton             | 62,285            | 2,276,450         | 45                          | 1,800            | 2,278,250                   |
| Shorts and middlings .....           | "               | 322,888           | 5,831,739         | 11,681                      | 258,463          | 6,090,202                   |
| Bran .....                           | "               | 233,279           | 3,872,601         | 12,350                      | 237,070          | 4,109,671                   |
| Chopped grain feed .....             | "               | 34,645            | 868,722           | 137,630                     | 3,517,708        | 4,386,430                   |
| Alfalfa meal .....                   | "               | 1,090             | 19,830            | 165                         | 3,464            | 23,294                      |
| Offal, not otherwise specified ..... | "               | 98,530            | 1,383,841         | 1,509                       | 32,655           | 1,416,496                   |
| All other products .....             | -               | -                 | 82,664            | -                           | 1,805            | 84,469                      |
| <b>TOTAL .....</b>                   | <b>-</b>        | <b>-</b>          | <b>75,716,033</b> | <b>-</b>                    | <b>6,029,017</b> | <b>81,745,050</b>           |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 2. - Production in Flour Mills by Classes and the Provinces, 1939 - (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 .....                | "               | 800               | 4,132 | 2,874                       | 14,201 | 18,333                      |
| Low grade .....                      | "               | 15                | 60    | 120                         | 440    | 500                         |
| All other .....                      | "               | 34                | 68    | 152                         | 739    | 807                         |
| Flour and meal, other -              |                 |                   |       |                             |        |                             |
| Whole wheat and graham flour .....   | Lb.             | -                 | -     | -                           | -      | -                           |
| Breakfast foods -                    |                 |                   |       |                             |        |                             |
| Oatmeal .....                        | Ton             | 15                | 872   | -                           | -      | 872                         |
| Other products -                     |                 |                   |       |                             |        |                             |
| Shorts and middlings ...             | Ton             | 16                | 493   | 56                          | 1,630  | 2,123                       |
| Bran .....                           | "               | 20                | 580   | 109                         | 3,138  | 3,718                       |
| Chopped grain feed .....             | "               | 16                | 441   | 1,761                       | 46,266 | 46,707                      |
| Offal, not otherwise specified ..... | "               | 1                 | 20    | 8                           | 160    | 180                         |
| All other products .....             | -               | -                 | -     | -                           | -      | -                           |
| T O T A L .....                      | -               | -                 | 6,666 | -                           | 66,574 | 73,240                      |
| <u>NOVA SCOTIA AND NEW BRUNSWICK</u> |                 |                   |       |                             |        |                             |
| Wheat flour -                        |                 |                   |       |                             |        |                             |
| Spring No. 1 Patent ....             | Barrel          | 200               | 1,000 | 602                         | 3,102  | 4,102                       |
| " " 2 " .....                        | "               | -                 | -     | 818                         | 5,450  | 5,450                       |
| " Straight . .....                   | "               | -                 | -     | 350                         | 2,400  | 2,400                       |
| Low grade flour .....                | "               | -                 | -     | -                           | -      | -                           |
| All other .....                      | "               | -                 | -     | 365                         | 2,244  | 2,244                       |
| Flour and meal, other -              |                 |                   |       |                             |        |                             |
| Buckwheat flour .....                | Lb.             | 20,000            | 600   | 245,548                     | 7,820  | 8,420                       |
| Breakfast foods -                    |                 |                   |       |                             |        |                             |
| Oatmeal .....                        | Ton             | -                 | -     | 13                          | 1,300  | 1,300                       |
| Other products -                     |                 |                   |       |                             |        |                             |
| Shorts and middlings ...             | Ton             | 5                 | 150   | 60                          | 1,733  | 1,883                       |
| Bran .....                           | "               | 5                 | 150   | 57                          | 1,616  | 1,766                       |
| Chopped grain feed .....             | "               | 200               | 7,000 | 1,278                       | 42,960 | 49,960                      |
| Offal, not otherwise specified ..... | "               | 14                | 420   | 166                         | 5,760  | 6,180                       |
| All other products .....             | -               | -                 | -     | -                           | -      | -                           |
| T O T A L .....                      | -               | -                 | 9,320 | -                           | 74,385 | 83,705                      |



THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 2. - Production in Flour Mills by Classes and Provinces, 1939 - (Continued).

| Products                             | Unit of Measure | Merchant Grinding |           | Custom or Exchange Grinding |         | Total Selling Value at Mill |
|--------------------------------------|-----------------|-------------------|-----------|-----------------------------|---------|-----------------------------|
|                                      |                 | Quantity          | Value     | Quantity                    | Value   |                             |
| <b>QUEBEC</b>                        |                 |                   |           |                             |         |                             |
| Wheat flour -                        |                 |                   | \$        |                             | \$      | \$                          |
| Spring No. 1 Patent .....            | Barrel          | 1,129,872         | 3,994,315 | 8,510                       | 48,571  | 4,042,886                   |
| Spring No. 2 Patent .....            | "               | 761,607           | 2,448,799 | 1,254                       | 7,195   | 2,455,994                   |
| Spring Straight .....                | "               | 4,385             | 16,121    | -                           | -       | 16,121                      |
| Ontario Winter Straight ..           | "               | 2,675             | 7,827     | -                           | -       | 7,827                       |
| Low grade .....                      | "               | 118,221           | 316,751   | 104                         | 530     | 317,281                     |
| Feed flour .....                     | "               | 66,434            | 157,253   | 82                          | 184     | 157,437                     |
| All other .....                      | "               | 2,016             | 6,282     | 487                         | 2,494   | 8,776                       |
| Flour and meal, other -              |                 |                   |           |                             |         |                             |
| Barley, flour and meal ...           | Lb.             | 3,757,100         | 45,005    | 17,640                      | 264     | 45,269                      |
| Corn flour .....                     | "               | 1,365,532         | 27,259    | -                           | -       | 27,259                      |
| Corn meal .....                      | "               | 889,658           | 15,698    | -                           | -       | 15,698                      |
| Buckwheat flour .....                | "               | 100               | 3         | 4,200                       | 99      | 102                         |
| Breakfast foods -                    |                 |                   |           |                             |         |                             |
| Other cereal products ....           | Lb.             | -                 | -         | -                           | -       | -                           |
| Other products -                     |                 |                   |           |                             |         |                             |
| Barley, pot and pearl ....           | Lb.             | 439,530           | 8,973     | -                           | -       | 8,973                       |
| Corn cracked .....                   | "               | 625,436           | 10,057    | -                           | -       | 10,057                      |
| Stock and Poultry foods ..           | Ton             | -                 | -         | -                           | -       | -                           |
| Shorts and middlings .. .            | "               | 41,700            | 788,181   | 191                         | 5,662   | 793,843                     |
| Bran .....                           | "               | 31,405            | 536,020   | 176                         | 4,921   | 540,941                     |
| Chopped grain feed .....             | "               | 6,395             | 190,050   | 16,872                      | 558,368 | 748,418                     |
| Alfalfa meal .....                   | "               | 25                | 580       | 73                          | 1,666   | 2,246                       |
| Offal, not otherwise specified ..... | "               | 2,378             | 39,978    | 7                           | 175     | 40,153                      |
| T O T A L . . . . .                  | -               | -                 | 8,609,152 | -                           | 630,129 | 9,239,281                   |
| <b>ONTARIO</b>                       |                 |                   |           |                             |         |                             |
| Wheat flour -                        |                 |                   |           |                             |         |                             |
| Spring No. 1 Patent .....            | Barrel          | 1,425,814         | 5,101,441 | 56,237                      | 177,994 | 5,279,435                   |
| Spring No. 2 Patent .....            | "               | 2,908,309         | 9,379,314 | 125,483                     | 365,492 | 9,744,806                   |
| Spring Straight .....                | "               | 1,116,372         | 3,487,101 | 176,721                     | 477,983 | 3,965,084                   |
| Ontario Winter Straight ..           | "               | 1,116,769         | 3,562,363 | 2,397                       | 8,661   | 3,571,024                   |
| Low grade flour .....                | "               | 434,859           | 921,960   | 11,244                      | 25,861  | 947,821                     |
| Feed flour .....                     | "               | 47,190            | 120,168   | 15                          | 43      | 120,211                     |
| All other .....                      | "               | 224,127           | 724,369   | 584                         | 1,582   | 725,951                     |
| Flour and meal, other -              |                 |                   |           |                             |         |                             |
| Wholewheat and Graham flour .....    | Lb.             | 3,981,526         | 79,007    | 140                         | 3       | 79,010                      |
| Prepared or self-raising flour ..... | "               | 1,679,014         | 137,389   | -                           | -       | 137,389                     |
| Barley, flour and meal ...           | "               | 1,827,150         | 25,710    | -                           | -       | 25,710                      |
| Rye, flour and meal .....            | "               | 4,877,935         | 81,349    | 600                         | 12      | 81,361                      |
| Corn flour .....                     | "               | 4,022,200         | 95,186    | -                           | -       | 95,186                      |
| Corn meal .....                      | "               | 22,051,293        | 459,485   | 1,000                       | 20      | 459,505                     |
| Buckwheat flour .....                | "               | 162,208           | 3,680     | 5,400                       | 110     | 3,790                       |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 2. - Production in Flour Mills by Classes and Provinces, 1939 - (Continued).

|                                      | Unit of Measure | Merchant Grinding |                   | Custom or Exchange Grinding |                  | Total Selling Value at Mill |
|--------------------------------------|-----------------|-------------------|-------------------|-----------------------------|------------------|-----------------------------|
|                                      |                 | Quantity          | Value             | Quantity                    | Value            |                             |
|                                      |                 |                   | \$                |                             | \$               | \$                          |
| <b>ONTARIO - Con.</b>                |                 |                   |                   |                             |                  |                             |
| <b>Breakfast foods -</b>             |                 |                   |                   |                             |                  |                             |
| Prepared breakfast foods.            | Lb.             | 7,075,286         | 1,057,183         | -                           | -                | 1,057,183                   |
| Oatmeal .....                        | Ton             | 2,652             | 265,200           | -                           | -                | 265,200                     |
| Rolled Oats .....                    | "               | 39,531            | 3,661,994         | -                           | -                | 3,661,994                   |
| Rolled or flaked wheat ..            | Lb.             | 2,271,980         | 57,511            | -                           | -                | 57,511                      |
| Unprepared breakfast foods .....     | "               | 2,531,942         | 87,811            | -                           | -                | 87,811                      |
| <b>Other products -</b>              |                 |                   |                   |                             |                  |                             |
| Barley, pot and pearl ...            | Lb.             | 1,296,344         | 29,671            | -                           | -                | 29,671                      |
| Corn, cracked .....                  | "               | 7,515,386         | 109,327           | 500                         | 10               | 109,337                     |
| Stock and Poultry foods..            | Ton             | 53,479            | 2,060,708         | -                           | -                | 2,060,708                   |
| Shorts and middlings ....            | "               | 147,463           | 3,034,580         | 6,987                       | 174,713          | 3,209,293                   |
| Bran .....                           | "               | 116,639           | 2,205,114         | 6,876                       | 144,730          | 2,349,844                   |
| Chopped grain feed .....             | "               | 20,392            | 524,179           | 100,674                     | 2,534,435        | 3,058,614                   |
| Alfalfa meal .....                   | "               | 995               | 17,850            | 42                          | 798              | 18,648                      |
| Offal, not otherwise specified ..... | "               | 52,480            | 894,908           | 1,323                       | 26,460           | 921,368                     |
| All other products .....             | -               | -                 | 80,422            | -                           | -                | 80,422                      |
| <b>T O T A L .....</b>               | -               | -                 | <b>38,264,980</b> | -                           | <b>3,938,907</b> | <b>42,203,887</b>           |
| <b>MANITOBA</b>                      |                 |                   |                   |                             |                  |                             |
| <b>Wheat flour -</b>                 |                 |                   |                   |                             |                  |                             |
| Spring No. 1 Patent .....            | Barrel          | 317,291           | 1,221,692         | 22,084                      | 89,854           | 1,311,546                   |
| Spring No. 2 Patent .....            | "               | 462,799           | 1,534,605         | 7,744                       | 33,001           | 1,567,606                   |
| Spring Straight .....                | "               | 289,764           | 948,318           | 19,260                      | 75,871           | 1,024,189                   |
| Low grade .....                      | "               | 62,042            | 157,703           | 620                         | 1,780            | 159,483                     |
| Feed flour .....                     | "               | 47,431            | 92,794            | 379                         | 883              | 93,677                      |
| All other .....                      | "               | 35,631            | 130,797           | 3,250                       | 12,310           | 143,107                     |
| <b>Flour and meal, other -</b>       |                 |                   |                   |                             |                  |                             |
| Wholewheat and Graham flour .....    | Lb.             | 1,475,974         | 24,987            | -                           | -                | 24,987                      |
| Rye flour .....                      | "               | 12,500            | 225               | 27,450                      | 515              | 740                         |
| <b>Breakfast foods -</b>             |                 |                   |                   |                             |                  |                             |
| Oatmeal .....                        | Ton             | 1,231             | 60,305            | -                           | -                | 60,305                      |
| Rolled oats .....                    | "               | 10,500            | 514,174           | -                           | -                | 514,174                     |
| Rolled or flaked wheat ..            | Lb.             | 163,000           | 4,663             | 500                         | 15               | 4,678                       |
| Unprepared breakfast foods .....     | "               | 1,023,865         | 45,781            | 9,366                       | 256              | 46,037                      |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 2. - Production in Flour Mills by Classes and Provinces, 1939 - (Continued).

| Products                             | Unit of Measure | Merchant Grinding |                   | Custom or Exchange Grinding |                | Total Selling Value at Mill |
|--------------------------------------|-----------------|-------------------|-------------------|-----------------------------|----------------|-----------------------------|
|                                      |                 | Quantity          | Value             | Quantity                    | Value          |                             |
| <b>MANITOBA - Con.</b>               |                 |                   |                   |                             |                |                             |
| Other products -                     |                 |                   | \$                |                             | \$             | \$                          |
| Barley, pot and pearl ...            | Lb.             | 823,200           | 18,774            | 3,600                       | 108            | 18,882                      |
| Stock and Poultry foods..            | Ton             | 6,947             | 151,911           | -                           | -              | 151,911                     |
| Shorts and middlings ....            | "               | 21,491            | 354,908           | 1,212                       | 23,545         | 378,453                     |
| Bran .....                           | "               | 18,454            | 252,616           | 1,607                       | 29,536         | 282,152                     |
| Chopped grain feed .....             | "               | 2,664             | 49,532            | 5,306                       | 99,202         | 148,734                     |
| Offal, not otherwise specified ..... | "               | 9,303             | 67,720            | 5                           | 100            | 67,820                      |
| All other products .....             | -               | -                 | 120               | -                           | 75             | 195                         |
| <b>T O T A L .....</b>               | -               | -                 | <b>5,631,625</b>  | -                           | <b>367,051</b> | <b>5,998,676</b>            |
| <b>SASKATCHEWAN</b>                  |                 |                   |                   |                             |                |                             |
| Wheat flour -                        |                 |                   |                   |                             |                |                             |
| Spring No. 1 Patent .....            | Barrel          | 2,360,512         | 9,891,124         | 16,885                      | 73,379         | 9,964,503                   |
| Spring No. 2 Patent .....            | "               | 137,632           | 567,757           | 25,534                      | 112,900        | 680,657                     |
| Spring Straight .....                | "               | 59,417            | 244,033           | 32,063                      | 137,021        | 381,054                     |
| Low grade .....                      | "               | 16,428            | 40,305            | 3,364                       | 7,052          | 47,357                      |
| Feed flour .....                     | "               | 3,429             | 7,293             | 582                         | 1,513          | 8,806                       |
| All-other .....                      | "               | 18,856            | 71,422            | 1,537                       | 5,818          | 77,240                      |
| Flour and meal, other -              |                 |                   |                   |                             |                |                             |
| Wholewheat and Graham flour .....    | Lb.             | 458,581           | 6,760             | 62,867                      | 1,324          | 8,084                       |
| Prepared or self-raising flour ..... | "               | -                 | -                 | -                           | -              | -                           |
| Rye flour .....                      | "               | 28,000            | 504               | 11,038                      | 271            | 775                         |
| Breakfast foods -                    |                 |                   |                   |                             |                |                             |
| Prepared breakfast foods.            | Lb.             | 214,600           | 17,143            | -                           | -              | 17,143                      |
| Oatmeal .....                        | Ton             | 1,518             | 106,884           | -                           | -              | 106,884                     |
| Rolled oats .....                    | "               | 20,063            | 1,407,130         | -                           | -              | 1,407,130                   |
| Rolled or flaked wheat ..            | Lb.             | 186,082           | 5,621             | 537                         | 13             | 5,634                       |
| Unprepared breakfast foods .....     | "               | 160,698           | 4,487             | 63,603                      | 1,910          | 6,397                       |
| Other products -                     |                 |                   |                   |                             |                |                             |
| Barley, pot and pearl ...            | Lb.             | 609,560           | 17,661            | -                           | -              | 17,661                      |
| Stock and Poultry foods..            | Ton             | 6                 | 180               | -                           | -              | 180                         |
| Shorts and middlings ....            | "               | 73,299            | 1,092,294         | 2,009                       | 32,744         | 1,125,038                   |
| Bran .....                           | "               | 36,310            | 475,807           | 1,787                       | 27,706         | 503,513                     |
| Chopped grain feed .....             | "               | 1,464             | 29,425            | 3,447                       | 72,734         | 102,159                     |
| Offal, not otherwise specified ..... | "               | 28,380            | 325,801           | -                           | -              | 325,801                     |
| All other products .....             | -               | -                 | -                 | -                           | 30             | 30                          |
| <b>T O T A L .....</b>               | -               | -                 | <b>14,311,631</b> | -                           | <b>474,415</b> | <b>14,786,046</b>           |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 2. - Production of Flour Mills by Classes and the Provinces, 1939 - (Continued).

| Products                             | Unit of Measure | Merchant Grinding |           | Custom or Exchange Grinding |         | Total Selling Value at Mill |
|--------------------------------------|-----------------|-------------------|-----------|-----------------------------|---------|-----------------------------|
|                                      |                 | Quantity          | Value     | Quantity                    | Value   |                             |
|                                      |                 |                   | \$        |                             | \$      | \$                          |
| <u>ALBERTA</u>                       |                 |                   |           |                             |         |                             |
| Wheat flour -                        |                 |                   |           |                             |         |                             |
| Spring No. 1 Patent .....            | Barrel          | 1,143,827         | 4,158,913 | 26,747                      | 137,895 | 4,296,808                   |
| Spring No. 2 Patent .....            | "               | 569,196           | 2,035,593 | 749                         | 2,064   | 2,037,657                   |
| Spring Straight .....                | "               | 128,375           | 454,779   | 30,450                      | 119,687 | 574,466                     |
| Low grade .....                      | "               | 28,269            | 65,123    | 356                         | 644     | 65,767                      |
| Feed flour .....                     | "               | 25,002            | 41,608    | 46                          | 115     | 41,723                      |
| All other .....                      | "               | 52,645            | 249,944   | -                           | -       | 249,944                     |
| Flour and meal, other -              |                 |                   |           |                             |         |                             |
| Wholewheat and Graham flour .....    | Lb.             | 1,232,550         | 61,816    | 24,098                      | 452     | 62,268                      |
| Prepared or self-raising flour ..... | "               | 68,815            | 2,090     | 5,227                       | 141     | 2,231                       |
| Rye flour .....                      | "               | 17,933            | 330       | -                           | -       | 330                         |
| Breakfast foods -                    |                 |                   |           |                             |         |                             |
| Prepared breakfast foods..           | Lb.             | 91,536            | 7,628     | -                           | -       | 7,628                       |
| Oatmeal .....                        | Ton             | 514               | 24,628    | -                           | -       | 24,628                      |
| Rolled oats .....                    | "               | 5,954             | 284,917   | -                           | -       | 284,917                     |
| Rolled or flaked wheat ...           | Lb.             | 3,590             | 99        | 6,560                       | 190     | 289                         |
| Unprepared breakfast foods           | "               | 2,344,801         | 151,721   | 59,328                      | 1,567   | 133,288                     |
| Other products -                     |                 |                   |           |                             |         |                             |
| Barley, pot and pearl ....           | Lb.             | 165,943           | 3,896     | -                           | -       | 3,896                       |
| Stock and Poultry foods ..           | Ton             | 1,632             | 55,186    | -                           | -       | 55,186                      |
| Shorts and middlings .....           | "               | 38,058            | 542,878   | 1,140                       | 17,928  | 560,806                     |
| Bran .....                           | "               | 28,741            | 376,539   | 1,712                       | 24,939  | 401,478                     |
| Chopped grain feed .....             | "               | 5,088             | 57,297    | 7,681                       | 148,104 | 205,401                     |
| Offal, not otherwise specified ..... | "               | 5,974             | 54,994    | -                           | -       | 54,994                      |
| All other products .....             | -               | -                 | 765       | -                           | -       | 765                         |
| T O T A L .....                      | -               | -                 | 8,610,744 | -                           | 453,726 | 9,064,470                   |
| <u>BRITISH COLUMBIA</u>              |                 |                   |           |                             |         |                             |
| Wheat flour -                        |                 |                   |           |                             |         |                             |
| Spring No. 1 Patent .....            | Barrel          | 623               | 3,613     | -                           | -       | 3,613                       |
| Spring No. 2 Patent .....            | "               | 800               | 3,520     | 424                         | 1,865   | 5,385                       |
| Spring Straight .....                | "               | 33,002            | 123,181   | 186                         | 714     | 123,895                     |
| Low grade .....                      | "               | 3,678             | 11,069    | -                           | -       | 11,069                      |
| Feed flour .....                     | "               | 118               | 356       | -                           | -       | 356                         |
| All other .....                      | "               | 15,529            | 57,923    | -                           | -       | 57,923                      |
| Flour and meal, other -              |                 |                   |           |                             |         |                             |
| Wholewheat and Graham flour .....    | Lb.             | 124,074           | 2,855     | 6,000                       | 120     | 2,975                       |
| Breakfast foods -                    |                 |                   |           |                             |         |                             |
| Prepared breakfast foods..           | Lb.             | 4,000             | 828       | -                           | -       | 828                         |
| Rolled or flaked wheat ...           | "               | 1,500             | 60        | -                           | -       | 60                          |
| Unprepared breakfast foods           | "               | 81,984            | 2,460     | -                           | -       | 2,460                       |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 2. - Production in Flour Mills by Classes and the Provinces, 1939. -(Concluded)

| Products                     | Unit of Measure | Merchant Grinding |         | Custom or Exchange Grinding |        | Total Selling Value at Mill |
|------------------------------|-----------------|-------------------|---------|-----------------------------|--------|-----------------------------|
|                              |                 | Quantity          | Value   | Quantity                    | Value  |                             |
| <u>BRITISH COLUMBIA-Con.</u> |                 |                   |         |                             |        |                             |
| Other products -             |                 |                   | \$      |                             | \$     | \$                          |
| Stock and Poultry foods.     | Ton             | 221               | 8,465   | 45                          | 1,800  | 10,265                      |
| Shorts and middlings ...     | "               | 856               | 18,255  | 26                          | 508    | 18,763                      |
| Bran .....                   | "               | 1,205             | 25,775  | 26                          | 484    | 26,259                      |
| Chopped grain feed .....     | "               | 426               | 10,798  | 611                         | 15,639 | 26,437                      |
| Alfalfa meal .....           | "               | 70                | 1,400   | 50                          | 1,000  | 2,400                       |
| All other products .....     | -               | -                 | 1,357   | -                           | 1,700  | 3,057                       |
| T O T A L .....              | -               | -                 | 271,915 | -                           | 23,830 | 295,745                     |

Table 3. - Materials Used in Flour Mills, by Provinces, 1939.

| Materials   | Unit of Measure | C A N A D A |            | Prince Edward Island |           |
|---|-----------------|-------------|------------|----------------------|-----------|
|   |                 | Quantity    | Value      | Quantity             | Value     |
| \$  |                 |             |            |                      |           |
| Wheat .....                                       | Bushel          | 72,095,795  | 44,759,832 | 21,190               | 21,980    |
| Oats .....  | "               | 11,874,614  | 3,970,944  | 14,905               | 6,382     |
| Barley .....                                      | "               | 1,047,529   | 478,987    | 60                   | 30        |
| Rye .....   | "               | 151,578     | 77,293     | -                    | -         |
| Corn .....  | "               | 1,551,773   | 972,786    | -                    | -         |
| Buckwheat .....                                   | "               | 110,940     | 64,189     | -                    | -         |
| Peas .....  | "               | 8,508       | 12,138     | -                    | -         |
| Mixed grain for chopping ...                      | "               | 5,752,743   | 2,460,923  | 78,537               | 31,035    |
| Other grains .....                                | "               | 127,441     | 43,013     | -                    | -         |
| All other materials .....                         | -               | -           | 915,435    | -                    | -         |
| Cost of containers purchased                      | -               | -           | 5,349,761  | -                    | 50        |
| Cost of materials used in making containers ..... | -               | -           | 59,398     | -                    | -         |
| T O T A L .....                                   | -               | -           | 59,164,699 | -                    | 59,477    |
| Nova Scotia and New Brunswick                     |                 |             |            |                      |           |
| Quebec  |                 |             |            |                      |           |
| \$  |                 |             |            |                      |           |
| Wheat .....                                       | Bushel          | 12,134      | 13,529     | 9,255,846            | 6,328,625 |
| Oats .....  | "               | 16,518      | 8,910      | 414,699              | 201,595   |
| Barley .....                                      | "               | 4,083       | 2,450      | 312,831              | 171,543   |
| Rye .....   | "               | -           | -          | 850                  | 680       |
| Corn .....  | "               | -           | -          | 125,992              | 88,369    |
| Buckwheat .....                                   | "               | 12,747      | 9,909      | 61,808               | 34,762    |
| Peas .....  | "               | -           | -          | 3,740                | 3,740     |
| Mixed grain for chopping ...                      | "               | 57,687      | 32,843     | 294,911              | 151,329   |
| Other grains .....                                | "               | -           | -          | 10,790               | 5,469     |
| All other materials .....                         | -               | -           | 300        | -                    | 1,674     |
| Cost of containers purchased                      | -               | -           | -          | -                    | 490,672   |
| Cost of materials used in making containers ..... | -               | -           | -          | -                    | 4,278     |
| T O T A L .....                                   | -               | -           | 67,941     | -                    | 7,482,736 |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 3. - Materials Used in Flour Mills, by Provinces, 1939. - (Concluded).

|   | Unit of Measure | Ontario    |            | Manitoba         |           | Saskatchewan |           |
|---|-----------------|------------|------------|------------------|-----------|--------------|-----------|
|   |                 | Quantity   | Value      | Quantity         | Value     | Quantity     | Value     |
|   |                 |            | \$         |                  | \$        |              | \$        |
| Wheat .....                                   | Bushel          | 34,906,492 | 22,108,210 | 5,728,955        | 3,508,516 | 12,905,595   | 7,838,993 |
| Oats .....                                    | "               | 6,356,119  | 2,159,536  | 1,350,891        | 414,279   | 2,763,229    | 943,932   |
| Barley .....                                  | "               | 409,322    | 194,752    | 189,379          | 66,432    | 40,411       | 14,811    |
| Rye .....                                     | "               | 146,158    | 74,648     | 1,357            | 650       | 1,053        | 554       |
| Corn .....                                    | "               | 1,403,064  | 870,651    | 20,897           | 12,073    | -            | -         |
| Buckwheat .....                               | "               | 35,284     | 18,923     | 1,101            | 595       | -            | -         |
| Peas .....                                    | "               | 4,768      | 8,398      | -                | -         | -            | -         |
| Mixed grain for chopping .....                | "               | 4,848,464  | 2,090,365  | 80,671           | 25,265    | 140,697      | 43,243    |
| Other grains .....                            | "               | 64,575     | 28,719     | 46,220           | 6,002     | 650          | 320       |
| All other materials ....                      | -               | -          | 835,179    | -                | 30,572    | -            | 4,549     |
| Cost of containers purchased .....            | -               | -          | 2,691,651  | -                | 446,474   | -            | 1,060,872 |
| Cost of materials used in making containers.. | -               | -          | 51,129     | -                | -         | -            | 3,966     |
| T O T A L .....                               | -               | -          | 31,132,161 | -                | 4,510,858 | -            | 9,911,240 |
|   |                 | Alberta    |            | British Columbia |           |              |           |
|   |                 | Quantity   | Value      | Quantity         | Value     |              |           |
|   |                 |            | \$         |                  | \$        |              |           |
| Wheat .....                                   | Bushel          | 9,002,630  | 4,744,291  | 260,953          | 195,688   |              |           |
| Oats .....                                    | "               | 929,287    | 226,478    | 28,966           | 9,832     |              |           |
| Barley .....                                  | "               | 79,242     | 23,717     | 12,201           | 5,252     |              |           |
| Rye .....                                     | "               | 1,863      | 583        | 297              | 178       |              |           |
| Corn .....                                    | "               | 1,820      | 1,693      | -                | -         |              |           |
| Buckwheat .....                               | "               | -          | -          | -                | -         |              |           |
| Peas .....                                    | "               | -          | -          | -                | -         |              |           |
| Mixed grain for chopping .....                | "               | 251,142    | 86,588     | 634              | 255       |              |           |
| Other grains .....                            | "               | 1,986      | 1,215      | 3,220            | 1,288     |              |           |
| All other materials ....                      | -               | -          | 36,141     | -                | 7,020     |              |           |
| Cost of containers purchased .....            | -               | -          | 642,617    | -                | 17,425    |              |           |
| Cost of materials used in making containers.. | -               | -          | 25         | -                | -         |              |           |
| T O T A L .....                               | -               | -          | 5,763,348  | -                | 236,938   |              |           |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 4. - Capital Invested in Flour Mills, for the Years, 1930 - 39.

| 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. |               |
|  | \$  | \$  | \$   | \$            |
| 1930 .....                             | 31,585,282  | 14,214,592  | 10,464,274                                 | 56,264,148    |
| 1931 .....                             | 32,655,385  | 10,488,360  | 11,906,616                                 | 55,050,361    |
| 1932 .....                             | 31,359,420  | 10,638,336  | 10,419,583                                 | 52,417,339    |
| 1933 .....                             | 27,636,312  | 15,048,400  | 9,304,720                                  | 51,989,432    |
| 1934 .....                             | 25,548,362  | 17,643,149  | 9,300,169                                  | 52,491,680    |
| 1935 .....                             | 25,228,104  | 15,702,433  | 9,347,584                                  | 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    |
| <u>1938</u>                            |   |   |  |               |
| CANADA .....                           | 23,804,230  | 9,361,972   | 10,229,531                                 | 43,395,733    |
| Prince Edward Island.                  | 48,196  | 1,052   | 1,275                                      | 50,523        |
| Nova Scotia and<br>New Brunswick ..... | 57,600  | 600   | -  | 58,200        |
| Quebec .....                           | 1,907,341   | 857,892   | 2,158,812                                  | 4,924,045     |
| Ontario .....                          | 12,685,280  | 4,023,176   | 2,304,151                                  | 19,012,607    |
| Manitoba .....                         | 2,563,507   | 776,114   | 939,348                                    | 4,278,969     |
| Saskatchewan .....                     | 3,223,715   | 2,174,471   | 3,754,922                                  | 9,153,108     |
| Alberta .....                          | 3,190,182   | 1,458,979   | 1,024,311                                  | 5,673,472     |
| British Columbia ....                  | 128,409   | 69,688  | 46,712                                     | 244,809       |
| <u>1939</u>                            |   |   |  |               |
| CANADA .....                           | 21,677,350  | 12,823,418  | 6,667,207                                  | 41,167,975    |
| Prince Edward Island.                  | 32,897  | 1,110   | 751  | 34,758        |
| Nova Scotia and<br>New Brunswick ..... | 28,600  | -   | 698  | 29,298        |
| Quebec .....                           | 1,834,379   | 1,415,006   | 1,877,533                                  | 5,126,918     |
| Ontario .....                          | 11,474,711  | 4,879,786   | 1,959,930                                  | 18,314,427    |
| Manitoba .....                         | 2,398,222   | 1,140,502   | 429,009                                    | 3,967,733     |
| Saskatchewan .....                     | 3,127,607   | 3,414,302   | 1,596,134                                  | 8,138,043     |
| Alberta .....                          | 2,655,523   | 1,879,576   | 751,765                                    | 5,284,864     |
| British Columbia ....                  | 127,411   | 93,136  | 51,387                                     | 271,934       |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 5. - Size of Establishments, 1938 and 1939.

| Establishments having a production of - | Estab-lish-ments | Capital Invested  | Em-ployees   | Salaries and Wages | Cost of Materials Used | Total Production   |
|---|------------------|-------------------|--------------|--------------------|------------------------|--------------------|
|   | No.              | \$                | No.          | \$                 | \$                     | \$                 |
| <u>1938</u>                             |                  |                   |              |                    |                        |                    |
| Under \$50,000 .....                    | 241              | 3,404,055         | 543          | 425,396            | 43,318,634             | 4,066,290          |
| \$50,000 to \$100,000 .....             | 31               | 989,797           | 178          | 163,602            | 1,716,311              | 2,140,788          |
| \$100,000 to \$200,000 .....            | 18               | 1,216,408         | 182          | 196,418            | 2,004,545              | 2,491,876          |
| \$200,000 to \$500,000 .....            | 10               | 1,528,971         | 200          | 239,547            | 2,717,999              | 3,303,607          |
| \$500,000 to \$1,000,000 .....          | 7                | 1,403,797         | 206          | 248,842            | 4,275,988              | 5,100,506          |
| \$1,000,000 to \$5,000,000 .....        | 14               | 14,005,213        | 1,426        | 1,743,916          | 25,581,480             | 31,122,802         |
| \$5,000,000 and over .....              | 7                | 20,847,512        | 1,719        | 2,316,645          | 4,452,283              | 55,660,441         |
| <b>T O T A L</b> .....                  | <b>328</b>       | <b>43,395,733</b> | <b>4,454</b> | <b>5,334,366</b>   | <b>84,067,240</b>      | <b>103,886,310</b> |
| <u>1939</u>                             |                  |                   |              |                    |                        |                    |
| Under \$50,000 .....                    | 213              | 3,231,288         | 552          | 466,470            | 3,174,525              | 4,236,383          |
| \$50,000 to \$100,000 .....             | 37               | 1,390,084         | 215          | 193,163            | 1,900,030              | 2,516,963          |
| \$100,000 to \$200,000 .....            | 19               | 1,259,668         | 190          | 214,303            | 1,904,095              | 2,478,914          |
| \$200,000 to \$500,000 .....            | 6                | 1,229,490         | 115          | 147,428            | 1,636,383              | 1,935,679          |
| \$500,000 to \$1,000,000 .....          | 9                | 1,271,585         | 308          | 376,129            | 4,292,148              | 5,542,439          |
| \$1,000,000 to \$5,000,000 .....        | 15               | 18,163,249        | 1,929        | 2,531,801          | 25,587,964             | 34,808,520         |
| \$5,000,000 and over .....              | 4                | 14,622,611        | 1,231        | 1,692,076          | 20,669,554             | 30,226,152         |
| <b>T O T A L</b> .....                  | <b>303</b>       | <b>41,167,975</b> | <b>4,540</b> | <b>5,621,370</b>   | <b>59,164,699</b>      | <b>81,745,050</b>  |



THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 6a. - Daily Capacity of Flour Mills, 1938 and 1939.

| Capacity of Mills<br>per day of 24 hours - | Number of<br>Mills | Total<br>Capacity<br>of the<br>Mills in<br>each group | Average<br>per estab-<br>lishment | Per cent<br>of Total | Number of<br>barrels<br>produced<br>during<br>the year | Average<br>per estab-<br>lishment | Per cent<br>of Total |
|--|--------------------|---|-----------------------------------|----------------------|--|-----------------------------------|----------------------|
|  |                    | Barrels   | Barrels                           |                      | Barrels  | Barrels                           |                      |
| <u>1938</u>                                |                    |   |                                   |                      |  |                                   |                      |
| Under 100 Barrels .....                    | 215                | 8,961   | 42                                | 8.7                  | 296,965  | 1,381                             | 2.2                  |
| 100 to 199 Barrels .....                   | 70                 | 8,350   | 119                               | 8.2                  | 558,669  | 7,981                             | 4.2                  |
| 200 to 299 Barrels .....                   | 10                 | 2,225   | 223                               | 2.2                  | 225,191  | 22,519                            | 1.7                  |
| 300 to 499 Barrels .....                   | 5                  | 1,950   | 390                               | 1.9                  | 452,456  | 90,491                            | 3.4                  |
| 500 to 999 Barrels .....                   | 8                  | 5,595   | 699                               | 5.5                  | 989,855  | 123,732                           | 7.4                  |
| 1,000 to 2,999 Barrels .....               | 11                 | 21,010  | 1,910                             | 20.5                 | 3,693,994  | 335,817                           | 27.6                 |
| 3,000 to 4,999 Barrels .....               | 4                  | 14,250  | 3,563                             | 14.0                 | 2,346,242  | 586,560                           | 17.6                 |
| 5,000 Barrels and over .....               | 5                  | 39,815  | 7,963                             | 39.0                 | 4,790,148  | 958,029                           | 35.9                 |
| TOTAL AND AVERAGE .....                    | 328                | 102,156   | 312                               | 100.0                | 13,353,520   | 40,712                            | 100.0                |
| <u>1939</u>                                |                    |   |                                   |                      |  |                                   |                      |
| Under 100 Barrels .....                    | 194                | 8,319   | 43                                | 8.2                  | 296,720  | 1,530                             | 1.9                  |
| 100 to 199 Barrels .....                   | 65                 | 7,790   | 120                               | 7.7                  | 567,748  | 8,735                             | 3.6                  |
| 200 to 299 Barrels .....                   | 11                 | 2,460   | 224                               | 2.4                  | 337,546  | 30,686                            | 2.1                  |
| 300 to 499 Barrels .....                   | 4                  | 1,525   | 381                               | 1.5                  | 395,002  | 98,751                            | 2.5                  |
| 500 to 999 Barrels .....                   | 10                 | 6,845   | 685                               | 6.8                  | 1,294,852  | 129,483                           | 8.2                  |
| 1,000 to 2,999 Barrels .....               | 10                 | 19,450  | 1,945                             | 19.2                 | 4,313,270  | 431,327                           | 27.4                 |
| 3,000 to 4,999 Barrels .....               | 4                  | 14,250  | 3,563                             | 14.0                 | 2,759,284  | 689,821                           | 17.5                 |
| 5,000 Barrels and over .....               | 5                  | 40,815  | 8,163                             | 40.2                 | 5,787,252  | 1,157,450                         | 36.8                 |
| TOTAL AND AVERAGE .....                    | 303                | 101,454   | 334                               | 100.0                | 15,751,654   | 51,986                            | 100.0                |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 6b. - Equipment and Capacity of Flour Mills, 1939.

| Province  | Estab-<br>lish-<br>ments | Pairs<br>of<br>Rolls | Pairs<br>of<br>Stones | Estimated<br>Maximum<br>Capacity<br>Per day |
|---|--------------------------|----------------------|-----------------------|---|
|   | No.                      | No.                  | No.                   | Bbl.  |
| Prince Edward Island ..<br>and<br>Nova Scotia ..... | 6)<br>2)                 | 40                   | 4                     | 372   |
| New Brunswick .....                                 | 5                        | 34                   | -                     | 365   |
| Quebec .....  | 55                       | 360                  | 81                    | 11,220                                      |
| Ontario .....                                       | 109                      | 1,879                | 33                    | 51,924                                      |
| Manitoba .....                                      | 30                       | 487                  | 3                     | 10,020                                      |
| Saskatchewan .....                                  | 49                       | 576                  | 15                    | 14,423                                      |
| Alberta .....                                       | 43                       | 610                  | 3                     | 12,432                                      |
| British Columbia .....                              | 4                        | 47                   | 1                     | 698   |
| CANADA .....  | 303                      | 4,033                | 140                   | 101,454                                     |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 7. - Employees, Salaries and Wages in Flour Mills, 1938 and 1939.

|                                | Employees on Salaries |               |                         | Employees on Wages |               |                      | Total Employees Salaries and Wages |               |                             |
|--------------------------------|-----------------------|---------------|-------------------------|--------------------|---------------|----------------------|------------------------------------|---------------|-----------------------------|
|                                | Male<br>No.           | Female<br>No. | Total<br>Salaries<br>\$ | Male<br>No.        | Female<br>No. | Total<br>Wages<br>\$ | Male<br>No.                        | Female<br>No. | Salaries<br>and Wages<br>\$ |
| <u>1938</u>                    |                       |               |                         |                    |               |                      |                                    |               |                             |
| CANADA.....                    | 1,083                 | 209           | 2,098,192               | 3,018              | 144           | 3,236,174            | 4,101                              | 353           | 5,334,366                   |
| Prince Edward<br>Island .....  | 5                     | -             | 1,450                   | 5                  | -             | 2,520                | 10                                 | -             | 3,970                       |
| Nova Scotia &<br>New Brunswick | 5                     | -             | 1,445                   | 6                  | 1             | 3,750                | 11                                 | 1             | 5,195                       |
| Quebec .....                   | 183                   | 19            | 430,517                 | 347                | 2             | 338,986              | 530                                | 21            | 769,503                     |
| Ontario .....                  | 364                   | 113           | 739,668                 | 1,633              | 102           | 1,854,808            | 1,997                              | 215           | 2,594,476                   |
| Manitoba .....                 | 108                   | 13            | 176,858                 | 347                | 20            | 307,994              | 455                                | 33            | 484,852                     |
| Saskatchewan..                 | 198                   | 34            | 348,948                 | 279                | 14            | 328,486              | 477                                | 48            | 677,434                     |
| Alberta .....                  | 211                   | 30            | 384,619                 | 384                | 5             | 380,213              | 595                                | 35            | 764,832                     |
| British<br>Columbia ....       | 9                     | -             | 14,687                  | 17                 | -             | 19,417               | 26                                 | -             | 34,104                      |
| <u>1939</u>                    |                       |               |                         |                    |               |                      |                                    |               |                             |
| CANADA.....                    | 1,101                 | 219           | 2,176,208               | 3,079              | 141           | 3,445,162            | 4,180                              | 360           | 5,621,370                   |
| Prince Edward<br>Island .....  | 3                     | -             | 1,320                   | 4                  | -             | 1,793                | 7                                  | -             | 3,113                       |
| Nova Scotia &<br>New Brunswick | 5                     | -             | 2,328                   | 5                  | -             | 2,748                | 10                                 | -             | 5,076                       |
| Quebec .....                   | 174                   | 26            | 445,620                 | 380                | 1             | 378,410              | 554                                | 27            | 824,030                     |
| Ontario .....                  | 362                   | 113           | 749,215                 | 1,645              | 96            | 1,981,102            | 2,007                              | 209           | 2,730,317                   |
| Manitoba .....                 | 112                   | 18            | 185,964                 | 309                | 25            | 284,859              | 421                                | 43            | 470,823                     |
| Saskatchewan..                 | 216                   | 31            | 373,198                 | 310                | 14            | 371,620              | 526                                | 45            | 744,818                     |
| Alberta .....                  | 218                   | 31            | 402,315                 | 411                | 5             | 407,715              | 629                                | 36            | 810,030                     |
| British<br>Columbia ....       | 11                    | -             | 16,248                  | 15                 | -             | 16,915               | 26                                 | -             | 33,163                      |

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 8. - Monthly Employment of Wage-earners, 1938 and 1939.

| Months                          | In Flour Mills |        |         |        |
|---------------------------------|----------------|--------|---------|--------|
|                                 | 1 9 3 8        |        | 1 9 3 9 |        |
|                                 | Male           | Female | Male    | Female |
|                                 | No.            | No.    | No.     | No.    |
| January .....                   | 2,829          | 129    | 2,880   | 133    |
| February .....                  | 2,856          | 131    | 2,883   | 143    |
| March .....                     | 2,876          | 128    | 2,879   | 160    |
| April .....                     | 2,908          | 132    | 2,871   | 133    |
| May .....                       | 2,912          | 122    | 2,966   | 115    |
| June .....                      | 2,924          | 121    | 2,960   | 114    |
| July .....                      | 2,904          | 132    | 2,998   | 116    |
| August .....                    | 2,981          | 150    | 3,134   | 131    |
| September .....                 | 3,275          | 163    | 3,410   | 179    |
| October .....                   | 3,355          | 187    | 3,451   | 163    |
| November .....                  | 3,227          | 164    | 3,248   | 151    |
| December .....                  | 3,025          | 130    | 3,065   | 142    |
| Average monthly employment .... | 3,018          | 144    | 3,079   | 141    |

Table 9. - Number of Wage-earners in Month of Highest Employment with their Regular Hours of Work and Average Weekly Earnings, 1938 and 1939.

| Number of Hours Worked per week | Number of Employees |        |       |        | Number of Hours Worked per week | Number of Employees |         |         |         |
|---------------------------------|---------------------|--------|-------|--------|---------------------------------|---------------------|---------|---------|---------|
|                                 | 1938                |        | 1939  |        |                                 | 1938                |         | 1939    |         |
|                                 | Male                | Female | Male  | Female |                                 | Male                | Female  | Male    | Female  |
| 30 hours or less                | 56                  | 3      | 34    | 6      | 51-54 hours .....               | 220                 | 2       | 191     | 1       |
| 31-43 hours ....                | 38                  | 7      | 65    | 32     | 55 hours .....                  | 292                 | 1       | 295     | 1       |
| 44 hours .....                  | 29                  | 27     | 187   | 48     | 56-64 hours .....               | 610                 | 1       | 724     | -       |
| 45-47 hours ....                | 34                  | 1      | 36    | 4      | 65 hours and over               | 91                  | -       | 59      | -       |
| 48 hours .....                  | 1,803               | 114    | 1,627 | 38     | Average hours per week .....    | 51.4                | 46.5    | 51.2    | 42.8    |
| 49-50 hours ....                | 45                  | 1      | 35    | 1      | Average weekly earnings .....   | \$20.51             | \$13.26 | \$20.77 | \$11.66 |

The above table does not include overtime.

THE FLOUR MILLING INDUSTRY IN CANADA, 1939.

Table 10. - Power Equipment in Flour Mills, 1938 and 1939.

| Classes of Power   | 1938                       |   | 1939            |   |
|--|----------------------------|---|-----------------|---|
|  | 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 60<br>(Idle 9)     | 8,804<br>607                                  | 62<br>7         | 7,864<br>412                                  |
| Diesel engines .....   | (In use 45<br>(Idle 5)     | 2,212<br>107                                  | 49<br>1         | 2,488<br>9                                    |
| Gasoline, gas and oil engines other than diesel .....                  | (In use 48<br>(Idle 10)    | 1,075<br>321                                  | 49<br>11        | 1,198<br>284                                  |
| Hydraulic turbines or water wheels .....                               | (In use 213<br>(Idle 4)    | 14,867<br>115                                 | 192<br>4        | 14,165<br>385                                 |
| Electric motors operated by purchased power ...                        | (In use 1,551<br>(Idle 84) | 48,316<br>4,709                               | 1,642<br>84     | 48,825<br>4,943                               |
| <b>TOTAL POWER USED IN MANUFACTURING .....</b>                         | <b>2,029</b>               | <b>81,133</b>                                 | <b>2,101</b>    | <b>80,573</b>                                 |
| Electric motors operated by power generated by the establishment ..... | (In use 85<br>(Idle 3)     | 2,975<br>255                                  | 86<br>-         | 3,350<br>-                                    |
| Boilers .....  | (In use 99<br>(Idle 2)     | 11,308<br>200                                 | 92<br>4         | 10,416<br>262                                 |

Table 11. - Consumption of Fuel and Electricity, 1938 and 1939.

| Kinds of Fuel                                   | Unit of Measure | 1938              |                | 1939        |                  |
|---|-----------------|-------------------|----------------|-------------|------------------|
|   |                 | Quantity          | Cost Value     | Quantity    | Cost Value       |
| Coal -  | Ton             |                   | \$             |             | \$               |
| Bituminous .....                                | (2000 lb)       | 21,104            | 109,124        | 21,966      | 112,224          |
| Anthracite .....                                | "               | 136               | 1,509          | 276         | 2,234            |
| Lignite .....                                   | "               | 14,482            | 42,424         | 13,951      | 40,612           |
| Coke .....                                      | "               | 142               | 696            | 18          | 150              |
| Gasoline .....                                  | Imp. Gal.       | 32,997            | 7,124          | 37,545      | 8,462            |
| Fuel oil .....                                  | " "             | 163,576           | 21,034         | 181,049     | 20,936           |
| Wood .....                                      | Cord            | 12,573            | 33,243         | 10,705      | 28,971           |
| Gas, manufactured and natural .....             | M cu.ft.        | 404,352           | 26,526         | 446,373     | 28,150           |
| All other fuel .....                            | -               | -                 | 14,578         | -           | 11,700           |
| <b>TOTAL COST OF FUEL .....</b>                 | <b>-</b>        | <b>-</b>          | <b>256,258</b> | <b>-</b>    | <b>253,439</b>   |
| Electricity purchased ..                        | K. W. H.        | <b>92,412,242</b> | 682,360        | 103,667,257 | 766,680          |
| <b>TOTAL COST OF FUEL AND ELECTRICITY .....</b> | <b>-</b>        | <b>-</b>          | <b>938,618</b> | <b>-</b>    | <b>1,020,119</b> |

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1939.

SECTION 3. - FEED AND CHOPPING MILLS IN CANADA, 1939.

Table 1. - Principal Statistics of the Feed and Chopping Mill Industries in Canada for the Years 1924 - 1939.

| Year                          | Estab-<br>lish-<br>ments | Capital<br>Invested | Em-<br>p-<br>loyees | Salaries<br>and Wages | Cost of<br>Materials<br>Used | Gross<br>Value of<br>Production |
|-------------------------------|--------------------------|---------------------|---------------------|-----------------------|------------------------------|---------------------------------|
|                               | No.                      | \$                  | No.                 | \$                    | \$                           | \$                              |
| 1924 .....                    | 852                      | 4,846,670           | 1,024               | 648,412               | 14,959,436                   | 19,182,998                      |
| 1925 .....                    | 855                      | 5,093,202           | 1,047               | 685,331               | 16,094,695                   | 19,906,832                      |
| 1926 .....                    | 849                      | 5,154,458           | 1,160               | 736,179               | 17,915,541                   | 21,046,462                      |
| 1927 .....                    | 884                      | 5,695,314           | 1,236               | 814,361               | 20,456,869                   | 24,144,145                      |
| 1928 .....                    | 894                      | 5,947,496           | 1,271               | 861,259               | 20,164,304                   | 23,626,329                      |
| 1929 .....                    | 916                      | 6,558,329           | 1,310               | 863,316               | 20,369,239                   | 23,874,360                      |
| 1930 .....                    | 894                      | 6,352,859           | 1,250               | 793,889               | 16,853,969                   | 20,351,422                      |
| 1931 .....                    | 893                      | 6,018,831           | 1,261               | 755,501               | 12,686,173                   | 16,136,937                      |
| 1932 .....                    | 896                      | 5,865,873           | 1,261               | 664,024               | 10,763,345                   | 13,713,517                      |
| 1933 .....                    | 915                      | 7,065,073           | 1,317               | 685,448               | 11,578,261                   | 14,575,475                      |
| 1934 .....                    | 875                      | 6,801,746           | 1,370               | 691,321               | 12,656,243                   | 15,575,583                      |
| 1935 .....                    | 743                      | 6,197,194           | 1,210               | 685,828               | 12,693,050                   | 15,611,931                      |
| 1936 .....                    | 755                      | 6,592,197           | 1,269               | 757,035               | 16,641,994                   | 20,296,505                      |
| 1937 .....                    | 751                      | 6,662,288           | 1,334               | 808,441               | 17,541,591                   | 20,889,600                      |
| <u>1938</u>                   |                          |                     |                     |                       |                              |                                 |
| CANADA .....                  | 752                      | 6,715,273           | 1,324               | 828,985               | 15,351,554                   | 18,711,858                      |
| Prince Edward<br>Island ..... | 4                        | 10,550              | 4                   | 616                   | 11,147                       | 13,500                          |
| Nova Scotia .....             | 7                        | 157,309             | 18                  | 18,083                | 613,524                      | 689,911                         |
| New Brunswick .....           | 19                       | 481,915             | 82                  | 71,946                | 610,340                      | 710,168                         |
| Quebec .....                  | 122                      | 701,972             | 146                 | 62,548                | 1,022,964                    | 1,308,308                       |
| Ontario .....                 | 528                      | 5,023,282           | 977                 | 628,708               | 12,238,806                   | 14,909,064                      |
| Manitoba .....                | 8                        | 78,448              | 16                  | 13,479                | 96,166                       | 134,248                         |
| Saskatchewan .....            | 16                       | 44,851              | 17                  | 4,701                 | 89,551                       | 109,601                         |
| Alberta .....                 | 44                       | 140,826             | 55                  | 22,584                | 637,271                      | 797,437                         |
| British Columbia ..           | 4                        | 76,120              | 9                   | 6,320                 | 31,785                       | 39,621                          |
| <u>1939</u>                   |                          |                     |                     |                       |                              |                                 |
| CANADA .....                  | 747                      | 6,758,343           | 1,358               | 894,126               | 16,270,466                   | 20,031,379                      |
| Prince Edward<br>Island ..... | 4                        | 10,350              | 4                   | 726                   | 12,209                       | 14,810                          |
| Nova Scotia .....             | 8                        | 188,459             | 18                  | 15,361                | 442,231                      | 502,090                         |
| New Brunswick .....           | 17                       | 363,227             | 73                  | 68,680                | 569,516                      | 663,042                         |
| Quebec .....                  | 128                      | 822,723             | 169                 | 84,454                | 1,224,111                    | 1,586,991                       |
| Ontario .....                 | 518                      | 5,048,637           | 989                 | 668,695               | 13,146,282                   | 16,132,296                      |
| Manitoba .....                | 8                        | 79,698              | 17                  | 14,500                | 91,649                       | 127,467                         |
| Saskatchewan .....            | 14                       | 39,225              | 14                  | 4,476                 | 86,277                       | 105,810                         |
| Alberta .....                 | 47                       | 149,366             | 67                  | 31,949                | 676,452                      | 868,366                         |
| British Columbia ..           | 3                        | 56,658              | 7                   | 5,285                 | 21,739                       | 30,507                          |

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1939.

Table 2. - Production in Feed and Chopping Mills by Classes, Quantity and Value for Canada and the Provinces, 1938 and 1939.

| Provinces                | Chopped Grain Feed |            | Other Products | Total      |
|--------------------------|--------------------|------------|----------------|------------|
|                          | Quantity           | Value      | Value          | Value      |
|                          | Tons               | \$         | \$             | \$         |
| <u>1938</u>              |                    |            |                |            |
| CANADA .....             | 591,484            | 16,323,704 | 2,388,154      | 18,711,858 |
| Prince Edward Island ... | 458                | 13,500     | -              | 13,500     |
| Nova Scotia .....        | 370                | 13,477     | 676,434        | 689,911    |
| New Brunswick .....      | 3,411              | 115,695    | 594,473        | 710,168    |
| Quebec .....             | 40,824             | 1,305,617  | 2,691          | 1,308,308  |
| Ontario .....            | 506,136            | 13,872,124 | 1,036,940      | 14,909,064 |
| Manitoba .....           | 3,607              | 86,665     | 47,583         | 134,248    |
| Saskatchewan .....       | 3,985              | 106,668    | 2,933          | 109,601    |
| Alberta .....            | 31,969             | 791,557    | 5,880          | 797,437    |
| British Columbia .....   | 724                | 18,401     | 21,220         | 39,621     |
| <u>1939</u>              |                    |            |                |            |
| CANADA .....             | 673,421            | 17,791,416 | 2,239,965      | 20,031,379 |
| Prince Edward Island ... | 507                | 14,810     | -              | 14,810     |
| Nova Scotia .....        | 811                | 26,024     | 476,066        | 502,090    |
| New Brunswick .....      | 4,222              | 148,186    | 514,856        | 663,042    |
| Quebec .....             | 50,368             | 1,576,635  | 10,356         | 1,586,991  |
| Ontario .....            | 569,966            | 14,965,933 | 1,166,363      | 16,132,296 |
| Manitoba .....           | 3,336              | 84,640     | 42,827         | 127,467    |
| Saskatchewan .....       | 4,261              | 96,440     | 9,370          | 105,810    |
| Alberta .....            | 39,440             | 864,621    | 3,745          | 868,366    |
| British Columbia .....   | 510                | 14,127     | 16,380         | 30,507     |

Table 3. - Materials Used in Feed and Chopping Mills, 1938 and 1939.

| Materials                                  | Unit of Measure | 1938       |                   | 1939       |                   |
|--|-----------------|------------|-------------------|------------|-------------------|
|  |                 | Quantity   | Value             | Quantity   | Value             |
|  |                 |            | \$                |            | \$                |
| Wheat .....                                | Bushel          | 365,319    | 260,957           | 411,488    | 275,024           |
| Oats .....                                 | "               | 3,433,203  | 1,417,268         | 3,791,929  | 1,363,885         |
| Barley .....                               | "               | 1,224,844  | 622,977           | 1,200,798  | 544,360           |
| Rye .....                                  | "               | 49,695     | 33,343            | 45,332     | 26,506            |
| Corn .....                                 | "               | 1,623,744  | 1,324,838         | 1,394,508  | 1,069,860         |
| Buckwheat .....                            | "               | 172,966    | 106,197           | 174,311    | 107,187           |
| Peas .....                                 | "               | 21,499     | 30,530            | 21,436     | 37,060            |
| Mixed grain .....                          | "               | 24,585,742 | 11,091,322        | 23,498,721 | 12,333,494        |
| Other grains .....                         | "               | 285,291    | 124,985           | 406,508    | 89,695            |
| Cost of containers .....                   | -               | -          | 105,152           | -          | 136,909           |
| Materials used for making containers ..... | -               | -          | 554               | -          | 900               |
| All other materials .....                  | -               | -          | 233,431           | -          | 285,586           |
| <b>TOTAL</b> .....                         | -               | -          | <b>15,351,554</b> | -          | <b>16,270,466</b> |

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1939.

Table 4. - Capital Invested in Feed and Chopping Mills in Canada, for the Years 1924 - 1939.

| 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. |               |
|                       | \$  | \$  | \$   | \$            |
| 1924 .....            | 3,991,916   | 453,654   | 421,100                                    | 4,846,670     |
| 1925 .....            | 4,182,898   | 455,277   | 455,027                                    | 5,093,202     |
| 1926 .....            | 4,146,477   | 470,925   | 537,056                                    | 5,154,458     |
| 1927 .....            | 4,439,973   | 604,963   | 650,378                                    | 5,695,314     |
| 1928 .....            | 4,606,578   | 694,514   | 646,404                                    | 5,947,496     |
| 1929 .....            | 5,135,863   | 773,207   | 649,259                                    | 6,558,329     |
| 1930 .....            | 5,190,789   | 598,200   | 563,870                                    | 6,352,859     |
| 1931 .....            | 4,769,977   | 600,184   | 648,670                                    | 6,018,831     |
| 1932 .....            | 4,643,405   | 513,708   | 708,760                                    | 5,865,873     |
| 1933 .....            | 5,636,916   | 680,919   | 747,238                                    | 7,065,073     |
| 1934 .....            | 5,177,302   | 751,160   | 873,284                                    | 6,801,746     |
| 1935 .....            | 4,769,086   | 658,972   | 769,136                                    | 6,197,194     |
| 1936 .....            | 4,857,890   | 895,784   | 840,523                                    | 6,592,197     |
| 1937 .....            | 4,865,347   | 908,866   | 888,075                                    | 6,662,288     |
| <u>1 9 3 8</u>        |   |   |  |               |
| CANADA .....          | 4,883,222   | 921,036   | 911,015                                    | 6,715,273     |
| Prince Edward Island. | 10,000  | 200   | 350  | 10,550        |
| Nova Scotia .....     | 73,867  | 17,306  | 66,136                                     | 157,309       |
| New Brunswick .....   | 150,485   | 245,178   | 86,252                                     | 481,915       |
| Quebec .....          | 584,556   | 70,742  | 46,674                                     | 701,972       |
| Ontario .....         | 3,843,803   | 546,480   | 632,999                                    | 5,023,282     |
| Manitoba .....        | 38,130  | 19,893  | 20,425                                     | 78,448        |
| Saskatchewan .....    | 33,691  | 5,457   | 5,703                                      | 44,851        |
| Alberta .....         | 119,669   | 6,264   | 14,893                                     | 140,826       |
| British Columbia .... | 29,021  | 9,516   | 37,583                                     | 76,120        |
| <u>1 9 3 9</u>        |   |   |  |               |
| CANADA .....          | 4,914,395   | 851,517   | 992,451                                    | 6,758,343     |
| Prince Edward Island. | 10,000  | 100   | 250  | 10,350        |
| Nova Scotia .....     | 76,884  | 45,880  | 65,695                                     | 188,459       |
| New Brunswick .....   | 153,914   | 90,305  | 119,008                                    | 363,227       |
| Quebec .....          | 657,787   | 77,616  | 87,320                                     | 822,723       |
| Ontario .....         | 3,810,578   | 588,255   | 649,804                                    | 5,048,637     |
| Manitoba .....        | 38,815  | 21,288  | 19,595                                     | 79,698        |
| Saskatchewan .....    | 29,600  | 5,100   | 4,525                                      | 39,225        |
| Alberta .....         | 121,465   | 14,416  | 13,485                                     | 149,366       |
| British Columbia .... | 15,352  | 8,557   | 32,749                                     | 56,658        |



THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1939.

Table 5. - Size of Establishments, 1938 and 1939.

| Establishments having a production of - | Estab-lish-ments | Capital Invested | Em-ployees   | Salaries and Wages | Cost of Materials Used | Total Production  |
|---|------------------|------------------|--------------|--------------------|------------------------|-------------------|
|   | No.              | \$               | No.          | \$                 | \$                     | \$                |
| <u>1938</u>                             |                  |                  |              |                    |                        |                   |
| Under \$50,000 .....                    | 689              | 4,180,560        | 987          | 512,775            | 10,603,224             | 13,044,560        |
| \$50,000 to \$100,000 .....             | 51               | 809,751          | 150          | 126,894            | 2,768,939              | 3,589,391         |
| \$100,000 to \$200,000 .....            | 8                | 259,235          | 54           | 48,108             | 889,047                | 1,035,776         |
| \$200,000 to \$500,000 .....            | 4                | 1,465,727        | 133          | 141,208            | 1,090,344              | 1,242,131         |
| <b>T O T A L</b> .....                  | <b>752</b>       | <b>6,715,273</b> | <b>1,324</b> | <b>826,985</b>     | <b>15,351,554</b>      | <b>18,711,858</b> |
| <u>1939</u>                             |                  |                  |              |                    |                        |                   |
| Under \$50,000 .....                    | 659              | 4,051,083        | 954          | 522,490            | 10,502,614             | 12,998,127        |
| \$50,000 to \$100,000 .....             | 76               | 1,041,878        | 208          | 168,034            | 3,904,856              | 4,814,454         |
| \$100,000 to \$200,000 .....            | 10)              |                  |              |                    |                        |                   |
| \$200,000 to \$500,000 .....            | 2)               | 1,665,382        | 196          | 203,602            | 1,862,996              | 2,218,798         |
| <b>T O T A L</b>                        | <b>747</b>       | <b>6,758,343</b> | <b>1,358</b> | <b>894,126</b>     | <b>16,270,466</b>      | <b>20,031,379</b> |

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1939

Table 6. - Employees, Salaries and Wages in Feed and Chopping Mills, 1938 and 1939.

| Provinces                     | Employees on Salaries |               |                         | Employees on Wages |               |                      | Total Employees, Salaries and Wages |               |                             |
|-------------------------------|-----------------------|---------------|-------------------------|--------------------|---------------|----------------------|-------------------------------------|---------------|-----------------------------|
|                               | Male<br>No.           | Female<br>No. | Total<br>Salaries<br>\$ | Male<br>No.        | Female<br>No. | Total<br>Wages<br>\$ | Male<br>No.                         | Female<br>No. | Salaries<br>and Wages<br>\$ |
| <u>1938</u>                   |                       |               |                         |                    |               |                      |                                     |               |                             |
| CANADA.....                   | 588                   | 19            | 366,281                 | 710                | 7             | 462,704              | 1,298                               | 26            | 828,985                     |
| Prince Edward<br>Island ..... | 4                     | -             | 616                     | -                  | -             | -                    | 4                                   | -             | 616                         |
| Nova Scotia ....              | 1                     | -             | 400                     | 17                 | -             | 17,683               | 18                                  | -             | 18,083                      |
| New Brunswick ..              | 22                    | 8             | 21,793                  | 52                 | -             | 50,153               | 74                                  | 8             | 71,946                      |
| Quebec .....                  | 97                    | -             | 39,452                  | 49                 | -             | 23,096               | 146                                 | -             | 62,548                      |
| Ontario .....                 | 402                   | 10            | 273,937                 | 558                | 7             | 354,771              | 960                                 | 17            | 628,708                     |
| Manitoba .....                | 8                     | -             | 9,280                   | 8                  | -             | 4,199                | 16                                  | -             | 13,479                      |
| Saskatchewan ...              | 12                    | -             | 2,210                   | 5                  | -             | 2,491                | 17                                  | -             | 4,701                       |
| Alberta .....                 | 37                    | 1             | 15,993                  | 17                 | -             | 6,591                | 54                                  | 1             | 22,584                      |
| British Columbia              | 5                     | -             | 2,600                   | 4                  | -             | 3,720                | 9                                   | -             | 6,320                       |
| <u>1939</u>                   |                       |               |                         |                    |               |                      |                                     |               |                             |
| CANADA.....                   | 600                   | 21            | 406,000                 | 729                | 8             | 488,126              | 1,329                               | 29            | 894,126                     |
| Prince Edward<br>Island ..... | 4                     | -             | 726                     | -                  | -             | -                    | 4                                   | -             | 726                         |
| Nova Scotia ....              | 4                     | -             | 3,110                   | 14                 | -             | 12,251               | 18                                  | -             | 15,361                      |
| New Brunswick ..              | 17                    | 8             | 21,418                  | 48                 | -             | 47,262               | 65                                  | 8             | 68,680                      |
| Quebec .....                  | 101                   | 1             | 49,005                  | 66                 | 1             | 35,449               | 167                                 | 2             | 84,454                      |
| Ontario .....                 | 408                   | 10            | 294,026                 | 565                | 6             | 374,669              | 973                                 | 16            | 668,695                     |
| Manitoba .....                | 9                     | -             | 9,760                   | 8                  | -             | 4,740                | 17                                  | -             | 14,500                      |
| Saskatchewan ...              | 10                    | -             | 1,835                   | 4                  | -             | 2,641                | 14                                  | -             | 4,476                       |
| Alberta .....                 | 46                    | 2             | 24,620                  | 18                 | 1             | 7,329                | 64                                  | 3             | 31,949                      |
| British Columbia              | 1                     | -             | 1,500                   | 6                  | -             | 3,785                | 7                                   | -             | 5,285                       |

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1939.

Table 7. - Monthly Employment of Wage-earners, 1938 and 1939.

| Months                     | In Feed and Chopping Mills |        |      |        |
|----------------------------|----------------------------|--------|------|--------|
|                            | 1938                       |        | 1939 |        |
|                            | Male                       | Female | Male | Female |
|                            | No.                        | No.    | No.  | No.    |
| January .....              | 695                        | 7      | 708  | 5      |
| February .....             | 693                        | 7      | 706  | 6      |
| March .....                | 687                        | 8      | 703  | 7      |
| April .....                | 663                        | 8      | 678  | 7      |
| May .....                  | 628                        | 8      | 667  | 7      |
| June .....                 | 606                        | 8      | 650  | 8      |
| July .....                 | 607                        | 5      | 651  | 7      |
| August .....               | 611                        | 5      | 662  | 8      |
| September .....            | 696                        | 6      | 713  | 8      |
| October .....              | 706                        | 6      | 719  | 7      |
| November .....             | 730                        | 6      | 742  | 8      |
| December .....             | 710                        | 6      | 751  | 6      |
| Average monthly employment | 710                        | 7      | 729  | 8      |

Table 8. - Number of Wage-earners in Month of Highest Employment with their Regular Hours of Work and Average Weekly Earnings, 1938 and 1939.

| Number of Hours Worked per Week | Number of Employees |        |      |        | Number of Hours Worked per week | Number of Employees |        |         |        |
|---------------------------------|---------------------|--------|------|--------|---------------------------------|---------------------|--------|---------|--------|
|                                 | 1938                |        | 1939 |        |                                 | 1938                |        | 1939    |        |
|                                 | Male                | Female | Male | Female |                                 | Male                | Female | Male    | Female |
| 30 hours or less                | 51                  | 1      | 75   | 3      | 51 - 54 hours....               | 156                 | 2      | 126     | -      |
| 31 - 43 hours ...               | 74                  | 1      | 41   | 1      | 55 hours .....                  | 40                  | -      | 48      | -      |
| 44 hours ... ..                 | 29                  | -      | 25   | 1      | 56 - 64 hours ...               | 269                 | 1      | 274     | 1      |
| 45 - 47 hours ...               | 5                   | -      | 17   | -      | 65 hours and over               | 8                   | -      | 21      | -      |
| 48 hours .....                  | 103                 | 1      | 114  | 1      | Average hours per week .....    | 51.0                | 46.3   | 51.1    | 38.1   |
| 49 - 50 hours ...               | 15                  | 1      | 30   | 1      | Average weekly earnings .....   | \$12.77             | \$9.57 | \$13.25 | \$9.62 |

The above table does not include overtime.

THE FEED AND CHOPPING MILL INDUSTRY IN CANADA, 1939.

Table 9. - Power Equipment in Feed and Chopping Mills, 1938 and 1939.

| Classes of Power   | 1938                      |   | 1939            |   |
|--|---------------------------|---|-----------------|---|
|  | 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) 27<br>(Idle) 1   | 1,196<br>100                                  | 24<br>3         | 1,203<br>141                                  |
| Diesel engines .....   | (In use) 154<br>(Idle) 2  | 6,868<br>145                                  | 153<br>4        | 6,958<br>210                                  |
| Gasoline, gas and oil engines, other than diesel .....                 | (In use) 187<br>(Idle) 25 | 5,909<br>677                                  | 206<br>23       | 7,033<br>609                                  |
| Hydraulic turbines or water wheels .....                               | (in use) 299<br>(Idle) 14 | 10,585<br>1,007                               | 309<br>11       | 10,849<br>307                                 |
| Electric motors operated by purchased power .....                      | (In use) 462<br>(Idle) 18 | 9,361<br>1,369                                | 465<br>15       | 9,473<br>1,242                                |
| TOTAL POWER USED IN MANUFACTURING .....                                | 1,189                     | 37,215  | 1,213           | 38,025  |
| Electric motors operated by power generated by the establishment ..... | 7                         | 151   | 7               | 152   |
| Total Electric Motors .....  | 487                       | 10,881  | 487             | 10,867  |
| TOTAL POWER INSTALLATION...  | 1,196                     | 37,366  | 1,220           | 38,177  |
| Boilers .....  | (In use) 25<br>(Idle) 2   | 1,260<br>250                                  | 21<br>3         | 1,013<br>200                                  |

Table 10. - Consumption of Fuel and Electricity in Feed and Chopping Mills, 1938 & 1939

| Kinds of Fuel                            | Unit of Measure | 1938      |                    | 1939      |                    |
|--|-----------------|-----------|--------------------|-----------|--------------------|
|  |                 | Quantity  | Total Cost at Mill | Quantity  | Total Cost at Mill |
| Coal -                                   | Ton             |           | \$                 |           | \$                 |
| Bituminous .....                         | (2000 lb.)      | 3,114     | 19,490             | 2,849     | 15,687             |
| Anthracite .....                         | "               | 434       | 4,554              | 552       | 5,974              |
| Lignite .....                            | "               | 108       | 516                | 89        | 313                |
| Coke .....                               | "               | 6         | 75                 | 5         | 65                 |
| Gasoline .....                           | Imp. Gal.       | 133,255   | 28,327             | 174,888   | 37,968             |
| Kerosene or coal oil .....               | " "             | 3,052     | 606                | 12,875    | 1,426              |
| Fuel or diesel oil .....                 | " "             | 413,424   | 43,805             | 431,349   | 45,936             |
| Wood .....                               | Cord            | 1,381     | 4,097              | 1,729     | 5,378              |
| Gas, manufactured and natural .....      | M cu. ft.       | 13,647    | 7,377              | 18,055    | 10,015             |
| Other fuel .....                         | -               | -         | 4,197              | -         | 8,164              |
| TOTAL COST OF FUEL .....                 | -               | -         | 113,044            | -         | 130,926            |
| Electricity purchased .....              | K. W. H.        | 6,609,783 | 138,614            | 7,828,841 | 138,283            |
| Electricity generated for sale .....     | "               | 5,718     | 237                | 800       | 45                 |
| TOTAL COST OF FUEL AND ELECTRICITY ..... | -               | -         | 251,895            | -         | 269,254            |



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