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THE FEEDS INDUSTRY

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** – The Primary Industries, including mining, forestry and fisheries; **Volume II** – Manufacturing; **Volume III** – Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I – General Review of the Manufacturing Industries
- II – The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada
 - Section B. Atlantic Provinces
 - Section C. Quebec
 - Section D. Ontario
 - Section E. Prairie Provinces
 - Section F. British Columbia
 - Section G. The Manufacturing Industries of Canada, Regional Distribution
- III – Foods and Beverages
- IV – Tobacco and Tobacco Products
- V – Rubber Products
- VI – Leather Products
- VII – Textile Mills
- VIII – Knitting Mills
- IX – Clothing
- X – Wood and Paper Products
- XI – Printing Trades
- XII – Iron and Steel Products
- XIII – Transportation Equipment
- XIV – Non-ferrous Metal Products
- XV – Electrical Apparatus and Supplies
- XVI – Non-metallic Mineral Products
- XVII – Products of Petroleum and Coal
- XVIII – Chemicals and Allied Products
- XIX – Miscellaneous Manufactures

The present report belongs in Part III, Foods and Beverages. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A – General Review
- B – The Slaughtering and Meat Packing Industries
- C – The Dairy Products Industry
- D – The Fish Processing Industry
- E – The Fruit and Vegetable Preparations Industry
- F – The Flour Milling Industry
- G – The Prepared Breakfast Foods Industry
- H – The Feeds Industry
- I – The Biscuit Industry
- J – The Bread and Other Bakery Products Industry
- K – The Carbonated Beverages Industry
- L – The Distilling Industry
- M – The Brewing Industry
- N – The Wine Industry
- O – The Confectionery Industry
- P – The Sugar Refining Industry
- Q – The Macaroni and Kindred Products Industry
- R – The Miscellaneous Food Preparations Industry
- S – The Canned Foods Summary

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

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Previous to the publication of 1953 report there were, in addition to the Breakfast Foods Industry, two annual publications dealing with grain mill products:

- (a) The Flour and Feed Mills Industries.
- (b) The Prepared Stock and Poultry Feeds Industry.

The first report mentioned above included separate statistical data on the Flour Milling Industry and analyzed in detail all those establishments which manufacture flour. In addition, these establishments manufactured any or all of the commodities usually associated with the feed industry. In the same report the summary of the Feed Milling Industry included establishments which manufacture principally chopped grain feeds on a merchant or custom basis. These establishments may have also produced prepared stock and poultry feeds, but if the volume of such prepared feeds exceeded four hundred tons, they were classified to the Prepared Stock and Poultry Feeds Industry.

The report on the Prepared Stock and Poultry Feeds Industry, as published previous to 1953, presented the detail of firms specializing in the manufacture of prepared stock and poultry feeds. These firms did not manufacture flour and their production of feeds had to be in excess of 400 tons. This group of establishments may have produced, at the same time, any other grain mill products.

Currently, it became necessary for the Bureau to publish data which would allow industry to assess what proportion of the livestock population the output of their plant was feeding. While this situation could not be met entirely, since feed production is spread over numerous industries, approximately 98 per cent by volume of all primary and secondary feeds could be presented in one report by removing feed milling establishments from the Flour and Feed Milling Industry and combining these with those of Prepared Stock and Poultry feeds. Beginning in 1953, reports on the Grain Milling industries are now published as follows:

- (a) **The Flour Milling Industry** includes all establishments which produce wheat flour in any quantity. Therefore it would necessarily include feeds in any form manufactured by these establishments, with one exception. Some of the larger milling companies which conduct separate feed milling divisions provide two reports: one covering their flour milling activity and the second covering their feed production activity. In this latter case, the feed report is included in the Feeds Industry.

- (b) **The Feeds Industry** includes all establishments which manufacture prepared feeds, chopped grain feeds on own account, and carry on a service operation of custom milling and chopping. This group, however, does not include those establishments which manufacture flour and which may produce, in addition, prepared and chopped grain feeds. Historically, the Feed Milling Industry as it existed prior to 1953, has now been removed from its statistical association with flour milling and has been combined with the former Prepared Stock & Poultry Feeds Industry. The Industry will henceforth be referred to as the Feeds Industry. The number of firms transferred totalled 643 in 1953 and constituted only 13% of the selling value of shipments in the Total Feeds Industry.

- (c) **The Breakfast Foods Industry** includes all firms which manufacture prepared breakfast foods. The industry also includes some of the large flour milling companies which maintain separate breakfast foods divisions.

In 1950, the statistical treatment of the Flour Milling Industry and that of the Feed Milling Industry changed considerably, primarily in the treatment of custom grinding and custom milling. Up to and including 1949, custom grinding and milling had been converted, for statistical purposes, to a merchant grinding and milling basis, whereby the volume of custom ground and milled grains was valued at the average cost of merchant grains reported. These two values were added to give the total gross value of shipments. In 1950, the method of estimating gross value was changed. Only the amount received for service rendered is considered as part of the gross value of shipments, no account being taken of the value of grains supplied for custom. Historically, principal statistics in Table 1 have been made comparable beginning with the 1953 reports. It should be noted that this change in statistical treatment does not affect the net value of production for the industry. The volume of grains used for custom chopping and milling, together with the custom charges are shown in Table 7, page 8. Principal statistics of the industries as broken down previous to 1953 are provided in Table 1(b) and 1(c).

The gross value of production of the Feeds Industry has increased to a remarkable degree over the eighteen year period, 1939-1957. The most rapid rise occurred during World War II and for a few years after its conclusion. In 1947, value of production had soared to almost 150 million dollars from the 1939 level of 17 millions, an increase of nearly 800 per cent in eight years. This was due,

at least partially, to the increased demand for feeds created by the conversion to specialty feeding programs as well as acute shortages of farm labour.

During the decade since 1947, the gross value of production has continued to increase but at a slower pace than in the preceding period but 1957 saw a value of production dip of slightly more than 1 per cent to an estimated \$249,429,000.

The present report, for 1957, covers 1400 establishments, an increase of 9 plants over 1956. Total number of employees decreased to 8,052 from 8,229 in the previous year, while salaries and wages paid rose from \$20,670,213 to \$21,429,875 in 1957. Gross value of shipments declined by a relatively small amount to \$249,033,740 from the all-time high of \$250,957,806 established in 1956. Cost of materials used dropped 2 per cent to \$190,251,422 from \$194,336,685 in 1956. The net result was a 1 per cent increase in value added by manufacture to a record high of approximately \$53,923,000.

Concentrated feeds shipped in 1957 totalled 385,591 tons compared with 343,650 tons in 1956, an increase of 12.2 per cent while complete live-stock feeds shipments were up by 3.1 per cent to 2,068,422 tons from 2,006,032 tons in 1956. The breakdown of feeding stuffs into "concentrated" and "ready-to-feed-conforms" to the regulations prescribed by the Plant Products Division of the Department of Agriculture. The protein content of feeding stuffs designated as concentrates must be at or above the level prescribed in the table below. All feeding stuffs with protein content less than this are designated "secondary or complete feeds".

| | Minimum protein levels for concentrated feeds |
|---------------------------------|---|
| | % |
| Calf..... | — |
| Dairy and Cattle | 24 |
| Swine | 35 |
| Poultry (a) chick starter | 32 |
| (b) broiler..... | 32 |
| (c) growing..... | 30 |
| (d) laying and hatching | 32 |
| (e) fattening and | |
| finishing..... | 32 |
| (f) turkey | 35 |
| (g) other | — |
| Other animal | — |

The statistical report compiled and published annually for the Feeds Industry is one of many mail census conducted in a similar manner by the Census of Industry.

Early in the calendar year, specially-designed industrial schedules are mailed to each firm in the Industry. These forms request detailed information

on quantities and values of shipments. Materials and fuel and electricity used in manufacturing are also to be reported giving quantities and values by type of material and fuel. Employment figures are likewise requested, broken down into total number in each category of employment, by sex and total remuneration paid in each. These reports cover operations for the preceding calendar year.

In 1949, it was determined that a short form could be used for small firms without any significant loss of over-all accuracy in our annual report. Accordingly, a schedule was mailed to all firms, whose value of shipments did not exceed \$25,000, asking only for their total value of production. These were blown up by using the long form results as a base. The maximum was later raised to \$50,000.

In 1957, an intermediate form was introduced for those firms whose value of shipments were between \$50,000 and \$100,000 in 1956.

This form, while retaining the essential features of the long form, reduced the details of materials and shipments required to a minimum. The short form was simultaneously expanded to two questions on sales volumes and six on volume of materials used. No values were requested.

Of the 1400 firms whose returns are incorporated in the current report for 1957, 459 completed the long form; 278 the intermediate and 663 the short form.

In compiling the present report, the long forms which obtained complete details on the year's operations, were edited and revised where necessary, but no estimations were required.

The intermediate schedules supplied data on the more important raw materials used as well as the quantities and values of the principal commodities sold. Total costs of fuel and electricity and total payroll expenditures were also received from those firms but the breakdown of fuel and electricity was estimated on the basis of long form averages. Number of employees was likewise computed in a similar manner.

On the short questionnaires total sales of finished products were reported broken down only as to type of feed; some details on custom work done were also furnished. These sales figures were blown up by provinces, using the long form results as a basis for estimations. These reports also supplied total purchases of concentrates and re-sales of these without further processing. The net materials used in production, thus obtained, were blown up by provinces using the same method as was applied to the sales figures.

The number of operating firms is being constantly revised through the co-operation of the Plant Products Division of the Department of

Agriculture. Feeds manufactured by establishments from other industries are shown in Tables 9 and 10, while chopped grains from other industries are shown in the footnote to Table 7.

In 1952 and previous years, the Feeds Industry was on a production basis and "Value added by manufacture" was computed by subtracting the total of the cost of raw materials and cost of fuel and electricity from the value of production. In 1953 a change was made to "Value of factory shipments" instead of "Value of production" and in computing the value added, the shipments figures were used in exactly the same manner as were the production figures in the earlier annual periods. In 1954, a question was added to ask for data on opening and closing inventories of raw materials,

goods in process and finished goods. In 1954 and 1955 only the change in opening and closing inventories of finished goods was taken into account in calculating the value added. In 1956 and 1957, the change in goods in process inventories was added to the change in finished goods inventories and the total applied to the "Value of factory shipments" to arrive at the "Value of production". When the "Value of production" was determined in this manner, the total of the cost of raw materials and fuel and electricity was subtracted to arrive at the "Value added by manufacture".

The following summary, using the change in the value of inventories, is given to show how "Value added by manufacture" was determined in this period.

| Year | Selling value of factory shipments | Change in inventory | Value of production | Cost of materials | Cost of fuel and electricity | Value added by manufacture ¹ |
|-------------------------|------------------------------------|---------------------|---------------------|-------------------|------------------------------|---|
| thousands of dollars | | | | | | |
| 1951 ² | — | — | 198,970 | 164,377 | 2,529 | 32,064 |
| 1952..... | — | — | 206,117 | 169,325 | 2,918 | 33,874 |
| 1953..... | 195,785 | — | — | 157,985 | 2,886 | 34,914 |
| 1954..... | 215,440 | +834 | 216,274 | 172,799 | 3,491 | 39,984 |
| 1955..... | 215,848 | - 51 | 215,797 | 167,710 | 3,696 | 44,391 |
| 1956..... | 250,958 | +772 | 251,730 | 194,337 | 3,996 | 53,397 |
| 1957..... | 249,034 | -605 | 248,429 | 190,251 | 4,255 | 53,923 |

¹ Historical series on "Value added by manufacture" included in Table 1.

² Previous years computed as in 1951.

TABLE 1(a). Principal Statistics of the Feeds Industry, 1930-1957¹

Includes Chopping Mills (see Table 1(b)) and Prepared Feed Mills (see Table 1(c)).

| | Estab- lish- ments | Employees | Salaries and wages | Cost of fuel and electricity | Cost at plant of materials used | Value added by manufacture | Selling value of factory shipments ² |
|----------------------------|--------------------------|--------------|--------------------------|------------------------------------|---------------------------------------|----------------------------------|---|
| | number | | | | dollars | | |
| Canada: | | | | | | | |
| 1930 | 912 | 1,471 | 1,093,824 | 249,211 | 4,705,848 | 2,254,810 | 7,354,396 |
| 1933 | 959 | 1,839 | 1,294,968 | 308,282 | 4,198,393 | 2,117,592 | 6,624,267 |
| 1937 | 847 | 2,252 | 1,879,683 | 362,380 | 12,831,691 | 4,083,056 | 17,277,127 |
| 1939 | 868 | 2,669 | 2,466,615 | 450,003 | 11,945,321 | 4,635,131 | 17,030,455 |
| 1940 | 863 | 2,872 | 2,662,314 | 520,734 | 14,131,612 | 5,548,450 | 20,200,796 |
| 1941 | 962 | 3,175 | 3,110,737 | 627,750 | 20,560,449 | 6,355,748 | 27,543,947 |
| 1942 | 1,021 | 3,624 | 3,864,611 | 750,101 | 27,091,515 | 7,580,097 | 35,421,713 |
| 1943 | 1,009 | 4,057 | 4,908,850 | 827,058 | 44,431,945 | 10,336,773 | 55,595,776 |
| 1944 | 1,069 | 5,067 | 6,747,543 | 1,023,766 | 66,724,862 | 13,579,160 | 81,327,788 |
| 1945 | 1,050 | 5,344 | 7,256,118 | 1,075,896 | 71,156,406 | 15,154,210 | 87,386,512 |
| 1946 | 1,025 | 5,995 | 8,421,638 | 1,231,213 | 85,495,809 | 18,079,836 | 104,806,858 |
| 1947 | 1,072 | 6,501 | 10,129,300 | 1,500,838 | 124,330,806 | 23,847,334 | 149,678,978 |
| 1948 | 1,072 | 6,114 | 10,645,531 | 1,651,597 | 134,177,721 | 22,686,457 | 158,515,775 |
| 1949 | 1,199 | 6,905 | 12,828,184 | 1,929,057 | 142,682,199 | 27,238,503 | 171,849,759 |
| 1950 | 1,253 | 6,644 | 12,536,754 | 2,243,424 | 147,842,755 | 28,815,460 | 178,901,639 |
| 1951 | 1,311 | 6,999 | 14,312,780 | 2,529,028 | 164,376,991 | 32,064,039 | 198,970,058 |
| 1952 | 1,317 | 7,441 | 15,703,521 | 2,917,831 | 169,325,153 | 33,874,134 | 206,117,118 |
| 1953 | 1,297 | 7,233 | 16,198,271 | 2,886,402 | 157,984,762 | 34,913,717 | 195,784,881 |
| 1954 | 1,318 | 7,788 | 18,093,413 | 3,490,899 | 172,798,487 | 39,984,555 | 215,439,719 |
| 1955 | 1,374 | 7,912 | 19,353,425 | 3,695,564 | 167,710,257 | 44,391,218 | 215,847,797 |
| 1956 | | | | | | | |
| Prince Edward Island | 19 | 72 | 125,644 | 21,518 | 1,131,160 | 212,384 | 1,362,836 |
| Nova Scotia | 18 | 104 | 213,581 | 39,796 | 3,672,800 | 860,648 | 4,559,268 |
| New Brunswick | 21 | 205 | 464,918 | 94,096 | 6,377,983 | 1,113,626 | 7,575,712 |
| Quebec | 414 | 2,326 | 5,483,661 | 1,101,611 | 63,912,544 | 15,432,120 | 80,214,867 |
| Ontario | 735 | 4,156 | 10,369,320 | 2,098,644 | 89,915,022 | 27,327,765 | 119,053,105 |
| Manitoba | 46 | 286 | 707,889 | 104,723 | 8,259,350 | 1,846,591 | 8,178,563 |
| Saskatchewan | 15 | 70 | 193,267 | 40,357 | 1,702,466 | 366,863 | 2,117,755 |
| Alberta | 83 | 333 | 840,220 | 145,454 | 6,788,886 | 2,287,283 | 9,125,860 |
| British Columbia | 40 | 697 | 2,271,713 | 349,500 | 14,576,674 | 3,950,157 | 18,769,820 |
| Canada | 1,391 | 8,229 | 20,670,213 | 3,995,697 | 194,336,685 | 53,397,437 | 250,957,806 |
| 1957 | | | | | | | |
| Prince Edward Island | 17 | 63 | 105,716 | 18,823 | 769,898 | 205,192 | 997,350 |
| Nova Scotia | 18 | 109 | 247,804 | 42,445 | 3,723,438 | 762,412 | 4,542,108 |
| New Brunswick | 21 | 194 | 511,322 | 85,819 | 5,660,923 | 936,111 | 6,702,150 |
| Quebec | 433 | 2,313 | 5,758,731 | 1,146,145 | 61,227,405 | 15,304,589 | 77,790,551 |
| Ontario | 725 | 4,047 | 10,855,785 | 2,238,252 | 91,188,092 | 27,693,969 | 121,380,111 |
| Manitoba | 49 | 254 | 724,094 | 122,031 | 5,829,176 | 1,899,564 | 7,812,152 |
| Saskatchewan | 16 | 81 | 219,494 | 49,755 | 1,775,408 | 287,007 | 2,237,689 |
| Alberta | 82 | 335 | 927,233 | 135,936 | 7,243,628 | 2,557,230 | 9,968,287 |
| British Columbia | 39 | 656 | 2,079,696 | 415,433 | 12,833,454 | 4,276,831 | 17,603,342 |
| Canada | 1,400 | 8,052 | 21,429,875 | 4,254,639 | 190,251,422 | 53,922,905 | 249,033,740 |

¹ Cost of materials used and selling value of shipments have been revised to exclude the estimated value of the grains handled in custom milling. Thus, data for 1949 and previous years have been made comparable to the new basis instituted in 1950 and used in succeeding years. This change in statistical treatment does not affect the net value of production for the industries.² Gross value of production for 1952 and preceding years. The selling value of factory shipments was not introduced until 1953.

TABLE 1(b). Principal Statistics of Firms Classified as Chopping Mills, 1931-1957¹

(Included in Table 1(a))

| | Estab- lish- ments | Employees | Salaries and wages | Cost of fuel and electricity | Cost at plant of materials used | Value added by manufacture | Selling value of factory shipments ² |
|------------|--------------------------|-----------|--------------------------|------------------------------------|---------------------------------------|----------------------------------|---|
| | number | | | | dollars | | |
| 1931 | 893 | 1,261 | 755,501 | 222,088 | 1,758,783 | 1,366,713 | 3,347,584 |
| 1932 | 896 | 1,261 | 664,024 | 215,907 | 1,523,692 | 1,069,461 | 2,809,060 |
| 1933 | 915 | 1,317 | 685,448 | 248,197 | 1,946,878 | 917,731 | 3,112,806 |
| 1934 | 875 | 1,370 | 691,321 | 248,809 | 2,325,100 | 975,169 | 3,549,078 |
| 1935 | 743 | 1,210 | 685,828 | 243,025 | 1,809,737 | 963,111 | 3,015,873 |
| 1936 | 755 | 1,269 | 757,035 | 260,689 | 2,727,883 | 1,089,072 | 4,077,644 |
| 1937 | 751 | 1,334 | 808,441 | 255,637 | 3,382,728 | 1,188,927 | 4,827,292 |
| 1938 | 752 | 1,324 | 828,985 | 251,895 | 2,815,644 | 1,141,852 | 4,209,391 |
| 1939 | 747 | 1,358 | 894,126 | 269,254 | 2,842,979 | 1,252,979 | 4,365,212 |
| 1940 | 748 | 1,491 | 998,623 | 300,034 | 3,891,015 | 1,688,400 | 5,879,449 |
| 1941 | 844 | 1,643 | 1,172,298 | 372,632 | 5,394,742 | 2,007,338 | 7,774,712 |
| 1942 | 894 | 1,731 | 1,318,368 | 434,220 | 5,856,197 | 2,379,971 | 8,670,388 |
| 1943 | 871 | 1,826 | 1,574,122 | 475,624 | 11,389,956 | 3,135,493 | 15,001,073 |
| 1944 | 863 | 1,828 | 1,586,814 | 451,687 | 10,912,750 | 2,465,999 | 13,830,636 |
| 1945 | 828 | 1,858 | 1,692,362 | 443,347 | 13,242,117 | 3,450,309 | 17,135,773 |
| 1946 | 790 | 2,024 | 2,013,312 | 494,200 | 16,846,583 | 3,871,898 | 21,212,661 |
| 1947 | 787 | 2,065 | 2,228,098 | 567,593 | 23,946,764 | 4,611,581 | 29,125,938 |
| 1948 | 754 | 1,790 | 2,173,061 | 523,883 | 23,227,218 | 3,817,947 | 27,569,048 |
| 1949 | 714 | 1,549 | 1,938,647 | 465,750 | 17,036,559 | 2,877,090 | 20,379,399 |
| 1950 | 685 | 1,453 | 1,891,370 | 521,425 | 19,329,411 | 3,725,929 | 23,576,765 |
| 1951 | 663 | 1,494 | 2,132,923 | 589,816 | 19,759,811 | 4,110,636 | 24,460,263 |
| 1952 | 646 | 1,503 | 2,311,169 | 606,230 | 20,523,365 | 3,906,791 | 25,036,386 |
| 1953 | 643 | 1,473 | 2,336,382 | 572,228 | 20,156,743 | 4,622,227 | 25,351,198 |
| 1954 | 640 | 1,681 | 2,747,613 | 696,595 | 20,325,779 | 4,337,564 | 25,307,120 |
| 1955 | 605 | 1,536 | 2,693,525 | 736,770 | 19,978,186 | 5,404,160 | 26,048,402 |
| 1956 | 577 | 1,617 | 3,127,654 | 818,912 | 23,287,892 | 6,364,304 | 30,401,561 |
| 1957 | 545 | 1,539 | 3,231,929 | 763,827 | 22,592,273 | 6,377,286 | 29,795,069 |

¹ See footnote 1, table 1(a).² See footnote 2, table 1(a).TABLE 1(c). Principal Statistics of Firms Classified as Manufacturers of Prepared Feeds, 1931-1957¹

(Included in Table 1(a))

| | Estab- lish- ments | Employees | Salaries and wages | Cost of fuel and electricity | Cost at plant of materials used | Value added by manufacture | Selling value of factory shipments ² |
|------------|--------------------------|-----------|--------------------------|------------------------------------|---------------------------------------|----------------------------------|---|
| | number | | | | dollars | | |
| 1931 | 38 | 319 | 444,693 | 41,992 | 1,799,842 | 1,069,081 | 2,910,915 |
| 1932 | 37 | 425 | 484,937 | 50,080 | 1,988,150 | 1,099,998 | 3,138,228 |
| 1933 | 44 | 522 | 609,520 | 60,085 | 2,251,515 | 1,199,861 | 3,511,461 |
| 1934 | 46 | 514 | 581,514 | 60,321 | 3,023,716 | 1,136,097 | 4,220,134 |
| 1935 | 99 | 781 | 837,545 | 88,839 | 4,734,559 | 1,808,573 | 6,631,971 |
| 1936 | 94 | 808 | 913,480 | 98,370 | 7,015,005 | 2,523,337 | 9,636,712 |
| 1937 | 96 | 918 | 1,071,242 | 106,743 | 9,448,963 | 2,894,129 | 12,449,835 |
| 1938 | 131 | 1,185 | 1,352,881 | 141,381 | 8,937,419 | 2,912,790 | 11,991,590 |
| 1939 | 121 | 1,311 | 1,572,489 | 180,749 | 9,102,342 | 3,382,152 | 12,665,243 |
| 1940 | 115 | 1,381 | 1,663,691 | 220,700 | 10,240,597 | 3,860,050 | 14,321,347 |
| 1941 | 118 | 1,532 | 1,938,439 | 255,118 | 15,165,707 | 4,348,410 | 19,769,235 |
| 1942 | 127 | 1,893 | 2,546,243 | 315,881 | 21,235,318 | 5,200,126 | 26,751,325 |
| 1943 | 138 | 2,231 | 3,334,728 | 351,434 | 33,041,989 | 7,201,280 | 40,594,703 |
| 1944 | 206 | 3,239 | 5,160,729 | 571,879 | 55,812,112 | 11,113,161 | 67,497,152 |
| 1945 | 222 | 3,486 | 5,563,756 | 632,549 | 57,914,289 | 11,703,901 | 70,250,739 |
| 1946 | 235 | 3,971 | 6,408,326 | 737,013 | 68,649,226 | 14,207,938 | 83,594,177 |
| 1947 | 285 | 4,436 | 7,901,202 | 933,245 | 100,384,042 | 19,235,753 | 120,553,040 |
| 1948 | 318 | 4,324 | 8,472,470 | 1,127,714 | 110,950,503 | 18,868,510 | 130,946,727 |
| 1949 | 485 | 5,356 | 10,889,537 | 1,463,307 | 125,645,640 | 24,361,413 | 151,470,360 |
| 1950 | 568 | 5,191 | 10,645,384 | 1,721,999 | 128,513,344 | 25,089,531 | 155,324,874 |
| 1951 | 648 | 5,505 | 12,179,657 | 1,939,212 | 144,617,180 | 27,953,403 | 174,509,795 |
| 1952 | 671 | 5,938 | 13,392,352 | 2,311,601 | 148,801,788 | 29,967,343 | 181,080,732 |
| 1953 | 654 | 5,760 | 13,861,889 | 2,314,174 | 137,828,019 | 30,291,490 | 170,433,683 |
| 1954 | 678 | 6,107 | 15,345,800 | 2,794,304 | 152,472,708 | 35,646,991 | 190,132,599 |
| 1955 | 769 | 6,376 | 16,659,900 | 2,958,794 | 147,732,071 | 38,987,058 | 189,799,395 |
| 1956 | 814 | 6,612 | 17,542,559 | 3,176,785 | 171,048,793 | 47,033,133 | 220,556,245 |
| 1957 | 855 | 6,513 | 18,197,946 | 3,490,812 | 167,659,149 | 47,545,619 | 219,238,671 |

¹ See footnote 1, table 1(a).² See footnote 2, table 1(a).

TABLE 2. Principal Statistics classified According to Size of Establishments, 1956-1957

| Establishments having a production of | Estab- lish- ments | Employees | Salaries and wages | Cost of fuel and electricity | Cost at plant of materials used | Selling value of factory shipments |
|---------------------------------------|--------------------------|--------------|--------------------------|------------------------------------|---------------------------------------|--|
| | number | | | dollars | | |
| 1956 | | | | | | |
| Under \$50,000 | 682 | 1,292 | 1,836,536 | 560,787 | 8,456,999 | 12,107,046 |
| \$50,000 to \$99,999 | 269 | 1,098 | 2,130,847 | 640,829 | 14,955,235 | 19,303,002 |
| \$100,000 " \$199,999 | 221 | 1,274 | 2,809,867 | 682,011 | 24,276,228 | 30,996,052 |
| \$200,000 " \$499,999 | 130 | 1,237 | 3,168,698 | 722,798 | 31,026,923 | 38,654,171 |
| \$500,000 " \$999,999 | 46 | 943 | 2,729,294 | 468,783 | 23,188,907 | 30,869,984 |
| \$1,000,000 " \$4,999,999 | 38 | 1,724 | 5,492,361 | 731,070 | 62,023,341 | 78,234,968 |
| \$5,000,000 and over | 5 | 648 | 2,455,231 | 189,419 | 30,400,052 | 40,792,583 |
| Head offices | — | 13 | 47,379 | — | — | — |
| Total | 1,391 | 8,229 | 20,670,213 | 3,995,697 | 194,336,685 | 250,957,806 |
| 1957 | | | | | | |
| Under \$50,000 | 655 | 1,162 | 1,753,229 | 465,769 | 8,316,318 | 11,536,262 |
| \$50,000 to \$99,999 | 290 | 1,152 | 2,410,246 | 667,313 | 15,643,938 | 20,453,685 |
| \$100,000 " \$199,999 | 237 | 1,349 | 3,263,074 | 795,072 | 24,893,107 | 33,012,288 |
| \$200,000 " \$499,999 | 133 | 1,338 | 3,645,638 | 1,022,886 | 30,993,464 | 40,179,193 |
| \$500,000 " \$999,999 | 44 | 843 | 2,674,291 | 374,357 | 24,114,180 | 31,313,137 |
| \$1,000,000 " \$4,999,999 | 36 | 1,543 | 5,079,344 | 740,078 | 55,873,440 | 72,297,720 |
| \$5,000,000 and over | 5 | 647 | 2,542,890 | 189,164 | 30,416,975 | 40,241,455 |
| Head offices | — | 18 | 61,163 | — | — | — |
| Total | 1,400 | 8,052 | 21,429,875 | 4,254,639 | 190,251,422 | 249,033,740 |

TABLE 3. Principal Statistics Classified by Number of Employees per Establishment, 1956-1957

| Employment groups | Estab- lish- ments | Employees | Salaries and wages | Cost of fuel and electricity | Cost at plant of materials used | Selling value of factory shipments |
|--------------------|--------------------------|--------------|--------------------------|------------------------------------|---------------------------------------|--|
| | number | | | dollars | | |
| 1956 | | | | | | |
| Under 5 | 927 | 2,013 | 3,472,165 | 1,100,474 | 28,447,599 | 36,271,127 |
| 5-14 | 372 | 2,683 | 6,311,383 | 1,385,468 | 56,925,313 | 71,550,767 |
| 15-49 | 79 | 2,096 | 6,002,098 | 1,101,971 | 59,054,684 | 76,993,077 |
| 50-99 | 6 | 449 | 1,477,717 | 125,512 | 19,271,430 | 24,510,616 |
| 100-199 | 7 | 975 | 3,359,471 | 282,272 | 30,637,659 | 40,928,189 |
| Head offices | — | 13 | 47,379 | — | — | — |
| Total | 1,391 | 8,229 | 20,670,213 | 3,995,697 | 194,336,685 | 250,957,806 |
| 1957 | | | | | | |
| Under 5 | 933 | 2,025 | 3,745,296 | 1,072,837 | 28,475,514 | 37,379,266 |
| 5-14 | 376 | 2,668 | 6,764,190 | 1,550,890 | 57,346,065 | 74,726,947 |
| 15-49 | 78 | 1,999 | 6,043,147 | 1,241,520 | 55,190,572 | 72,283,788 |
| 50-99 | 7 | 517 | 1,770,081 | 154,587 | 23,127,267 | 29,086,628 |
| 100-199 | 6 | 825 | 3,045,998 | 234,805 | 26,112,004 | 35,557,111 |
| Head offices | — | 18 | 61,163 | — | — | — |
| Total | 1,400 | 8,052 | 21,429,875 | 4,254,639 | 190,251,422 | 249,033,740 |

TABLE 4. Principal Statistics Classified According to Type of Ownership, 1956-1957

| | Estab- lish- ments | Employees | Salaries and wages | Cost of fuel and electricity | Cost at plant of materials used | Selling value of factory shipments |
|------------------------------|--------------------------|--------------|--------------------------|------------------------------------|---------------------------------------|--|
| | number | | | dollars | | |
| 1956 | | | | | | |
| Individual ownership | 679 | 1,924 | 3,397,406 | 1,015,571 | 29,061,070 | 37,066,257 |
| Partnership | 188 | 756 | 1,522,430 | 355,921 | 12,801,090 | 16,222,942 |
| Incorporated companies | 309 | 3,923 | 11,856,569 | 1,856,940 | 114,259,979 | 150,206,586 |
| Co-operatives | 215 | 1,626 | 3,893,808 | 767,265 | 38,214,546 | 47,462,021 |
| Total | 1,391 | 8,229 | 20,670,213 | 3,995,697 | 194,336,685 | 250,957,806 |
| 1957 | | | | | | |
| Individual ownership | 640 | 1,642 | 3,127,264 | 876,101 | 23,433,324 | 30,440,774 |
| Partnership | 161 | 687 | 1,427,456 | 317,891 | 11,287,646 | 14,512,908 |
| Incorporated companies | 341 | 3,927 | 12,493,697 | 2,184,165 | 115,191,288 | 152,459,481 |
| Co-operatives | 258 | 1,796 | 4,381,458 | 876,482 | 40,339,164 | 51,620,507 |
| Total | 1,400 | 8,052 | 21,429,875 | 4,254,639 | 190,251,422 | 249,033,740 |

TABLE 5. Inventories, 1957

| | Raw materials and supplies | Goods in process | Finished goods of own manufacture | Total inventory |
|---------------------------------|-------------------------------|---------------------|---|--------------------|
| dollars | | | | |
| Opening inventory: ¹ | | | | |
| Canada | 15,876,680 | 506,991 | 6,755,815 | 23,139,486 |
| Prince Edward Island | 166,737 | 2,149 | 9,884 | 178,770 |
| Nova Scotia | 347,073 | 693 | 47,299 | 395,065 |
| New Brunswick | 403,166 | 7,568 | 164,574 | 575,308 |
| Quebec | 4,121,343 | 147,263 | 1,463,887 | 5,732,493 |
| Ontario | 7,642,096 | 309,056 | 3,484,180 | 11,435,332 |
| Manitoba | 884,212 | 4,422 | 217,578 | 1,106,212 |
| Saskatchewan | 232,535 | 25,524 | 286,361 | 544,420 |
| Alberta | 590,434 | 42 | 421,042 | 1,011,518 |
| British Columbia | 1,489,084 | 10,274 | 661,010 | 2,160,368 |
| Closing inventory: | | | | |
| Canada | 15,147,692 | 459,941 | 6,198,091 | 21,805,724 |
| Prince Edward Island | 147,268 | 1,424 | 7,172 | 155,864 |
| Nova Scotia | 355,800 | 319 | 33,860 | 389,979 |
| New Brunswick | 459,323 | 11,863 | 140,982 | 612,168 |
| Quebec | 4,115,955 | 132,753 | 1,365,985 | 5,614,693 |
| Ontario | 7,235,268 | 288,478 | 3,244,960 | 10,768,706 |
| Manitoba | 524,754 | 6,365 | 254,254 | 785,373 |
| Saskatchewan | 181,260 | 13,986 | 172,380 | 367,626 |
| Alberta | 614,300 | 4,047 | 385,544 | 1,003,891 |
| British Columbia | 1,513,764 | 706 | 592,954 | 2,107,424 |

¹ The opening inventory for the current year differs from the closing inventory published last year due to transfers, discards, corrections or addition of new firms.

TABLE 6. Capital and Repair Expenditures in the Feed Industries, 1951-1957

(Prepared in General Assignments Division)

| Year | Capital expenditures | | | Repair expenditures | | | Capital and repair expenditures | | |
|----------------------|----------------------|-------------------------------|-----------|---------------------|-------------------------------|-----------|---------------------------------|-------------------------------|-------|
| | Construction | Machinery and equipment | Sub-total | Construction | Machinery and equipment | Sub-total | Construction | Machinery and equipment | Total |
| thousands of dollars | | | | | | | | | |
| 1951 | 1,427 | 2,463 | 3,890 | 626 | 1,606 | 2,232 | 2,053 | 4,069 | 6,122 |
| 1952 | 1,585 | 2,358 | 3,943 | 540 | 1,737 | 2,277 | 2,125 | 4,095 | 6,220 |
| 1953 | 1,213 | 2,621 | 3,834 | 614 | 1,468 | 2,082 | 1,827 | 4,089 | 5,916 |
| 1954 | 1,531 | 2,629 | 4,160 | 586 | 1,766 | 2,352 | 2,117 | 4,395 | 6,512 |
| 1955 | 1,795 | 3,534 | 5,329 | 620 | 1,761 | 2,381 | 2,415 | 5,295 | 7,710 |
| 1956 | 2,022 | 3,294 | 5,316 | 635 | 2,031 | 2,666 | 2,657 | 5,325 | 7,982 |
| 1957 ¹ | 1,904 | 3,099 | 5,003 | 596 | 1,633 | 2,429 | 2,500 | 4,932 | 7,432 |

¹ Preliminary.

TABLE 7. Custom Chopping and Grinding in the Feeds Industry, 1956-1957

(Includes Chopping Mills and Prepared Feed Mills)

| | Wheat | Oats | Barley | Mixed grains | Other grains | Total | Amount received for custom work ¹ |
|----------------------|--------|---------|---------|-----------------|-----------------|---------|--|
| tons | | | | | | | \$ |
| 1956 ² | | | | | | | |
| Prince Edward Island | — | — | — | 2,300 | — | 2,300 | 8,850 |
| Nova Scotia | 19 | 3,618 | 79 | 2,040 | 3 | 5,759 | 17,691 |
| New Brunswick | 150 | 4,215 | 495 | 2,597 | 76 | 7,533 | 22,850 |
| Quebec | 4,342 | 82,444 | 19,650 | 55,696 | 1,288 | 163,420 | 533,624 |
| Ontario | 27,603 | 117,592 | 35,487 | 391,270 | 15,736 | 587,688 | 1,401,651 |
| Manitoba | 369 | 3,395 | 3,352 | 12,357 | — | 19,473 | 49,375 |
| Saskatchewan | 346 | 206 | 175 | 3,004 | — | 5,131 | 17,348 |
| Alberta | 19,954 | 17,709 | 25,906 | 45,752 | 60 | 109,381 | 221,949 |
| British Columbia | 477 | 1,816 | 499 | 2,650 | — | 5,442 | 16,559 |
| Canada | 53,260 | 230,995 | 85,643 | 517,666 | 17,163 | 906,127 | 2,289,897 |
| 1957 ² | | | | | | | |
| Prince Edward Island | — | 1,488 | — | 7,049 | — | 8,537 | 29,767 |
| Nova Scotia | 105 | 4,451 | 673 | 961 | 3 | 6,193 | 20,893 |
| New Brunswick | 126 | 5,060 | 369 | 2,195 | 63 | 7,813 | 28,901 |
| Quebec | 5,207 | 108,832 | 27,004 | 67,000 | 3,241 | 211,284 | 724,021 |
| Ontario | 31,600 | 148,882 | 46,302 | 320,135 | 18,905 | 565,824 | 1,535,197 |
| Manitoba | 1,507 | 9,629 | 6,733 | 8,808 | 170 | 26,847 | 75,534 |
| Saskatchewan | 684 | 908 | 500 | 5,011 | — | 7,103 | 21,677 |
| Alberta | 22,171 | 16,486 | 30,300 | 60,415 | — | 129,372 | 259,763 |
| British Columbia | 668 | 2,177 | 579 | 1,782 | — | 5,206 | 17,007 |
| Canada | 62,068 | 297,913 | 112,460 | 473,356 | 22,382 | 968,179 | 2,712,760 |

¹ Included in the selling value of factory shipments.

² Additional custom chopped grains — 1956 — Flour Mills — custom-grinding receipts, \$137,016.
 1956 — Saw Mills — " \$60,767.
 1957 — Flour Mills — " \$148,935.
 1957 — Saw Mills — " \$88,689.

TABLE 8. Factory Shipments, Canada 1956 and 1957

| Products | 1956 | | 1957 | |
|--|------------------|--------------------|------------------|--------------------|
| | Quantity | Selling value | Quantity | Selling value |
| | tons | \$ | tons | \$ |
| Concentrates: | | | | |
| Calf concentrates | 2,032 | 202,547 | 2,449 | 231,317 |
| Dairy and cattle concentrates | 86,016 | 6,696,282 | 110,797 | 8,487,214 |
| Swine concentrates | 98,786 | 9,293,984 | 108,896 | 10,198,048 |
| Poultry concentrates, total | 155,567 | 15,960,705 | 162,877 | 16,072,033 |
| (a) Chick starter concentrates | 11,269 | 1,262,992 | 10,419 | 1,147,829 |
| (b) Broiler concentrates | 17,556 | 2,194,343 | 18,374 | 2,232,691 |
| (c) Growing concentrates | 27,692 | 2,635,066 | 26,603 | 2,499,408 |
| (d) Laying and hatching concentrates | 82,355 | 8,103,646 | 86,667 | 8,074,948 |
| (e) Fattening and finishing concentrates | 1,036 | 105,203 | 747 | 75,186 |
| (f) Turkey concentrates | 10,642 | 1,130,509 | 15,645 | 1,614,215 |
| (g) Other poultry concentrates | 5,017 | 528,946 | 4,422 | 427,756 |
| Concentrates n.e.s. | 359 | 32,825 | 170 | 14,436 |
| Total concentrates | 342,760 | 32,186,343 | 385,189 | 35,003,048 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 23,861 | 2,271,354 | 28,678 | 2,650,835 |
| Dairy and cattle feeds | 386,017 | 26,520,750 | 383,613 | 25,869,689 |
| Swine feeds | 529,335 | 37,925,713 | 562,124 | 39,281,476 |
| Poultry feeds, total | 1,038,151 | 87,305,071 | 1,063,166 | 87,618,690 |
| (a) Chick starter feeds | 107,334 | 9,373,151 | 101,693 | 8,789,402 |
| (b) Broiler feeds | 190,709 | 17,281,738 | 220,320 | 19,305,173 |
| (c) Growing feeds | 167,827 | 13,403,134 | 147,905 | 11,555,724 |
| (d) Laying and hatching feeds | 399,700 | 32,133,513 | 431,670 | 34,222,151 |
| (e) Fattening and finishing feeds | 19,853 | 1,606,167 | 18,442 | 1,470,418 |
| (f) Turkey feeds | 129,827 | 11,462,368 | 121,741 | 10,333,787 |
| (g) Other poultry feeds | 22,901 | 2,045,000 | 21,395 | 1,942,035 |
| Horse feeds | 3,069 | 239,727 | 5,129 | 358,807 |
| Total complete feeds | 1,990,433 | 154,262,615 | 2,042,710 | 155,779,197 |
| Other feeds: | | | | |
| Mineral mixtures | 9,574 | 994,706 | 10,822 | 1,149,300 |
| Dog and cat foods: | | | | |
| (a) Canned | 46,767 | 8,560,535 | 51,819 | 9,143,157 |
| (b) Biscuits | 4,101 | 883,671 | 4,191 | 947,857 |
| (c) Other (meals, etc.) | 9,653 | 1,811,079 | 9,981 | 1,827,417 |
| Fox biscuits | 1,335 | 144,802 | 1,627 | 175,540 |
| Other fox feeds | 6,761 | 797,502 | 6,529 | 781,481 |
| Mink feeds | 2,895 | 238,414 | 2,937 | 234,716 |
| Goat feeds | 83 | 6,669 | 72 | 5,180 |
| Feeds for other animals | 4,296 | 695,598 | 1,849 | 361,843 |
| Scratch feed | 95,911 | 6,546,424 | 94,405 | 6,001,897 |
| Hominy feed | 121 | 7,930 | 1 | 1 |
| Chopped, ground or crushed grain feed, total | 623,232 | 35,531,371 | 554,694 | 29,113,446 |
| (a) Wheat | 79,082 | 4,701,369 | 68,552 | 3,814,281 |
| (b) Oats | 211,135 | 12,406,427 | 184,497 | 10,051,472 |
| (c) Barley | 151,014 | 8,706,075 | 141,308 | 7,545,517 |
| (d) Corn | 33,295 | 2,127,217 | 30,879 | 1,863,088 |
| (e) Mixed | 90,130 | 5,320,364 | 79,952 | 4,317,769 |
| (f) Other | 58,576 | 2,269,919 | 49,506 | 1,521,319 |
| Other products: | | | | |
| Stock and poultry tonics | — | 680,151 | — | 704,556 |
| Veterinary medicines | — | 25,105 | — | 32,506 |
| Legume and grass meal, dehydrated, all kinds | 46,436 | 3,082,467 | 43,246 | 2,845,954 |
| Legume and grass meal, sundried, all kinds | 9,700 | 328,169 | 9,566 | 338,314 |
| Cereal products for human consumption | 4,476 | 405,665 | 3,948 | 454,935 |
| All other products | 11,434 | 1,196,620 | 10,636 | 1,164,611 |
| Grand total, excluding custom work | 3,199,968 | 248,385,836 | 3,234,221 | 246,065,759 |
| Amount received for custom chopping ² | — | 2,571,970 | — | 2,967,961 |
| Total | — | 250,957,806 | — | 249,033,720 |

¹ Included in Feeds for other animals. For production from all industries see tables 9 and 10.² See table 7 for further details.

TABLE 9. Factory Shipments of Feeds, all Industries, Canada, 1936

| Products | Made in feeds industry | Made in other industries | Total shipments | |
|--|------------------------|--------------------------|------------------|------------------------|
| | Quantity | Quantity | Quantity | Selling value at plant |
| | | tons | | \$ |
| CANADA | | | | |
| Concentrates: | | | | |
| Calf concentrates..... | 2,032 | — | 2,032 | 202,547 |
| Dairy and cattle concentrates | 86,016 | — | 86,016 | 6,696,282 |
| Swine concentrates | 98,786 | — | 98,786 | 9,293,984 |
| Poultry concentrates: | | | | |
| Total | 155,567 | — | 155,567 | 15,960,705 |
| (a) Chick starter concentrates | 11,269 | — | 11,269 | 1,262,992 |
| (b) Broiler concentrates | 17,556 | — | 17,556 | 2,194,343 |
| (c) Growing concentrates | 27,692 | — | 27,692 | 2,635,066 |
| (d) Laying and hatching concentrates | 82,355 | — | 82,355 | 8,103,646 |
| (e) Fattening and finishing concentrates | 1,036 | — | 1,036 | 105,203 |
| (f) Turkey concentrates | 10,642 | — | 10,642 | 1,130,509 |
| (g) Other poultry concentrates | 5,017 | — | 5,017 | 528,946 |
| Concentrates, n.e.s. | 359 | 890 | 1,249 | 116,157 |
| Total concentrates | 342,760 | 890 | 343,650 | 32,269,675 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 23,861 | 234 | 24,095 | 2,292,124 |
| Dairy and cattle feeds..... | 386,017 | 3,293 | 389,310 | 26,733,834 |
| Swine feeds..... | 529,335 | 8,652 | 537,987 | 38,509,632 |
| Poultry feeds: | | | | |
| Total | 1,038,151 | 13,420 | 1,051,571 | 88,393,521 |
| (a) Chick starter feeds | 107,334 | 1,152 | 108,486 | 9,471,580 |
| (b) Broiler feeds..... | 190,709 | 2,039 | 192,748 | 17,484,822 |
| (c) Growing feeds..... | 167,827 | 2,197 | 170,024 | 13,564,858 |
| (d) Laying and hatching feeds | 399,700 | 6,912 | 406,612 | 32,658,773 |
| (e) Fattening and finishing feeds | 19,853 | 138 | 19,991 | 1,615,648 |
| (f) Turkey feeds..... | 129,827 | 852 | 130,679 | 11,539,580 |
| (g) Other poultry feeds | 22,901 | 130 | 23,031 | 2,058,260 |
| Horse feeds..... | 3,069 | — | 3,069 | 239,727 |
| Total complete feeds | 1,980,433 | 25,599 | 2,006,032 | 156,168,838 |
| Other feeds: | | | | |
| Mineral mixtures..... | 9,574 | — | 9,574 | 994,706 |
| Dog and cat foods: | | | | |
| (a) Canned..... | 46,767 | 7,140 | 53,907 | 10,124,599 |
| (b) Biscuits..... | 4,101 | — | 4,101 | 883,671 |
| (c) Other (meals, etc.)..... | 9,653 | 882 | 10,535 | 1,882,276 |
| Fox biscuits | 1,335 | 1,903 | 3,238 | 458,286 |
| Other fox feeds..... | 6,761 | 3,665 | 10,426 | 1,305,622 |
| Mink feeds..... | 2,895 | — | 2,895 | 238,414 |
| Rabbit feeds | 83 | — | 83 | 6,669 |
| Goat feeds..... | 4,296 | 5,639 | 9,935 | 1,142,092 |
| Feeds for other animals | 95,911 | 907 | 96,818 | 6,599,010 |
| Scratch feeds | 121 | — | 121 | 7,930 |
| Hominy feed | | | | |
| Chopped, ground or crushed grain feed: | | | | |
| Total | 623,232 | 21,073 | 644,305 | 36,749,663 |
| (a) Wheat | 79,082 | — | 79,082 | 4,701,369 |
| (b) Oats | 211,135 | — | 211,135 | 12,406,427 |
| (c) Barley | 151,014 | — | 151,014 | 8,706,075 |
| (d) Corn | 33,295 | — | 33,295 | 2,127,217 |
| (e) Mixed | 90,130 | 17,585 | 107,715 | 6,332,030 |
| (f) Other | 58,576 | 3,488 | 62,064 | 2,476,545 |
| Other products: | | | | |
| Stock and poultry tonics | value only | not available | value only | 680,151 |
| Veterinary medicines..... | " | " | " | 25,105 |
| Legume and grass meal, dehydrated, all kinds | 46,436 | — | 46,436 | 3,082,467 |
| Legume and grass meal, sundried, all kinds | 9,700 | — | 9,700 | 328,169 |
| Cereal products for human consumption | 4,476 | — | 4,476 | 405,665 |
| All other products | 11,434 | — | 11,434 | 1,196,620 |
| Grand total excluding custom work | 3,199,968 | 67,698 | 3,267,666 | 254,549,828 |

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1957

| Products | Made in feeds industry | Made in other industries (preliminary) | Total shipments | |
|--|------------------------|--|-----------------|------------------------|
| | Quantity | Quantity | Quantity | Selling value at plant |
| | | tons | | \$ |
| CANADA | | | | |
| Concentrates: | | | | |
| Calf concentrates | 2,449 | — | 2,449 | 231,317 |
| Dairy and cattle concentrates | 110,797 | — | 110,797 | 8,487,214 |
| Swine concentrates | 108,896 | — | 108,896 | 10,198,048 |
| Poultry concentrates: | | | | |
| Total | 162,877 | — | 162,877 | 16,072,033 |
| (a) Chick starter concentrates | 10,419 | — | 10,419 | 1,147,829 |
| (b) Broiler concentrates | 18,374 | — | 18,374 | 2,232,691 |
| (c) Growing concentrates | 26,603 | — | 26,603 | 2,499,408 |
| (d) Laying and hatching concentrates | 86,667 | — | 86,667 | 8,074,948 |
| (e) Fattening and finishing concentrates | 747 | — | 747 | 75,186 |
| (f) Turkey concentrates | 15,645 | — | 15,645 | 1,614,215 |
| (g) Other poultry concentrates | 4,422 | — | 4,422 | 427,756 |
| Concentrates, n.e.s. | 170 | 402 | 572 | 48,728 |
| Total concentrates | 385,189 | 402 | 385,591 | 35,037,340 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 28,678 | 371 | 29,049 | 2,686,926 |
| Dairy and cattle feeds | 383,613 | 3,088 | 386,701 | 26,086,182 |
| Swine feeds | 562,124 | 7,844 | 569,968 | 39,783,613 |
| Poultry feeds: | | | | |
| Total | 1,063,166 | 14,409 | 1,077,575 | 88,733,715 |
| (a) Chick starter feeds | 101,693 | 1,341 | 103,034 | 8,901,602 |
| (b) Broiler feeds | 220,320 | 2,374 | 222,694 | 19,509,951 |
| (c) Growing feeds | 147,905 | 1,863 | 149,768 | 11,687,828 |
| (d) Laying and hatching feeds | 431,670 | 6,843 | 438,513 | 34,722,076 |
| (e) Fattening and finishing feeds | 18,442 | 108 | 18,550 | 1,477,294 |
| (f) Turkey feeds | 121,741 | 1,758 | 123,499 | 10,484,299 |
| (g) Other poultry feeds | 21,395 | 122 | 21,517 | 1,950,665 |
| Horse feeds | 5,129 | — | 5,129 | 358,807 |
| Total complete feeds | 2,042,710 | 25,712 | 2,068,422 | 157,649,243 |
| Other feeds: | | | | |
| Mineral mixtures | 10,822 | — | 10,822 | 1,149,802 |
| Dog and cat foods: | | | | |
| (a) Canned | 51,819 | 6,486 | 58,305 | 10,602,968 |
| (b) Biscuits | 4,191 | — | 4,191 | 947,857 |
| (c) Other (meats, etc.) | 9,981 | 730 | 10,711 | 1,893,444 |
| Fox biscuits | 1,627 | 775 | 2,402 | 303,298 |
| Other fox feeds | 6,529 | 1,706 | 8,235 | 1,074,291 |
| Mink feeds | 2,937 | — | 2,937 | 234,716 |
| Goat feeds | 72 | — | 72 | 5,180 |
| Feeds for other animals | 1,849 | 4,453 | 8,302 | 852,625 |
| Scratch feeds | 94,405 | 705 | 95,110 | 6,042,049 |
| Hominy feed | 1 | 1 | 1 | 1 |
| Chopped, ground or crushed grain feed: | | | | |
| Total | 554,694 | 15,338 | 570,032 | 29,927,455 |
| (a) Wheat | 68,552 | — | 68,552 | 3,814,281 |
| (b) Oats | 184,497 | — | 184,497 | 10,051,472 |
| (c) Barley | 141,308 | — | 141,308 | 7,545,517 |
| (d) Corn | 30,879 | — | 30,879 | 1,863,088 |
| (e) Mixed | 79,952 | — | 79,952 | 4,317,769 |
| (f) Other | 49,506 | 15,338 | 64,844 | 2,335,328 |
| Other products: | | | | |
| Stock and poultry tonics | value only | not available | value only | 704,558 |
| Veterinary medicines | " | " | " | 32,506 |
| Legume and grass meal, dehydrated, all kinds | 43,246 | — | 43,246 | 2,845,954 |
| Legume and grass meal, sundried, all kinds | 9,566 | — | 9,566 | 338,314 |
| Cereal products for human consumption | 3,948 | — | 3,948 | 454,935 |
| All other products | 10,636 | — | 10,636 | 1,164,611 |
| Grand total excluding custom work | 3,234,221 | 56,307 | 3,290,528 | 251,261,146 |

See footnote page 17.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1957—Continued

| | Made in feeds industry | Made in other industries (preliminary) | Total Shipments | |
|--|---------------------------|--|-----------------|---------------------------|
| | Quantity | Quantity | Quantity | Selling value at plant |
| | | tons | | \$ |
| MARITIME PROVINCES | | | | |
| Concentrates: | | | | |
| Calf concentrates | 122 | — | 122 | 12,036 |
| Dairy and cattle concentrates | 3,618 | — | 3,618 | 270,990 |
| Swine concentrates | 2,586 | — | 2,586 | 248,891 |
| Poultry concentrates: | | | | |
| Total | 3,576 | — | 3,576 | 356,695 |
| (a) Chick starter concentrates | 345 | — | 345 | 41,015 |
| (b) Broiler concentrates | 180 | — | 180 | 21,285 |
| (c) Growing concentrates | 816 | — | 816 | 80,951 |
| (d) Laying and hatching concentrates | 2,074 | — | 2,074 | 196,913 |
| (e) Fattening and finishing concentrates | — | — | — | — |
| (f) Turkey concentrates | — | — | — | — |
| (g) Other poultry concentrates | 161 | — | 161 | 16,531 |
| Concentrates, n.e.s. | 48 | — | 48 | 2,500 |
| Total concentrates | 9,950 | — | 9,950 | 891,112 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 1,194 | — | 1,194 | 105,339 |
| Dairy and cattle feeds | 39,038 | — | 39,038 | 2,507,823 |
| Swine feeds | 23,399 | — | 23,399 | 1,605,343 |
| Poultry feeds: | | | | |
| Total | 59,958 | — | 59,958 | 4,671,909 |
| (a) Chick starter feeds | 3,569 | — | 3,569 | 311,300 |
| (b) Broiler feeds | 2,924 | — | 2,924 | 269,160 |
| (c) Growing feeds | 14,484 | — | 14,484 | 1,103,094 |
| (d) Laying and hatching feeds | 37,368 | — | 37,368 | 2,866,426 |
| (e) Fattening and finishing feeds | 741 | — | 741 | 51,572 |
| (f) Turkey feeds | 756 | — | 756 | 60,718 |
| (g) Other poultry feeds | 116 | — | 116 | 9,639 |
| Horse feeds | 743 | — | 743 | 50,089 |
| Total complete feeds | 124,332 | — | 124,332 | 8,940,503 |
| Other feeds: | | | | |
| Mineral mixtures | 172 | — | 172 | 11,746 |
| Dog and cat foods: | | | | |
| (a) Canned | — | — | — | — |
| (b) Biscuits | — | — | — | — |
| (c) Other (meals, etc.) | 1 | — | 1 | 1 |
| Fox biscuits | — | — | — | — |
| Other fox feeds | 1 | — | 1 | 1 |
| Mink feeds | — | — | — | — |
| Rabbit feeds | — | — | — | — |
| Goat feeds | — | — | — | — |
| Feeds for other animals | 94 | — | 94 | 16,069 |
| Scratch feeds | 20,217 | — | 20,217 | 1,243,081 |
| Hominy feed | — | — | — | — |
| Chopped, ground or crushed grain feed: | | | | |
| Total | 18,733 | — | 18,733 | 1,059,012 |
| (a) Wheat | 2,415 | — | 2,415 | 138,744 |
| (b) Oats | 7,477 | — | 7,477 | 424,315 |
| (c) Barley | 5,218 | — | 5,218 | 279,916 |
| (d) Corn | 1,456 | — | 1,456 | 99,244 |
| (e) Mixed | 2,167 | — | 2,167 | 116,793 |
| (f) Other | — | — | — | — |
| Other products: | | | | |
| Stock and poultry tonics | — | — | — | — |
| Veterinary medicines | — | — | — | — |
| Legume and grass meal, dehydrated, all kinds | — | — | — | — |
| Legume and grass meal, sundried, all kinds | — | — | — | — |
| Cereal products for human consumption | — | — | — | — |
| All other products | — | — | — | — |
| Grand total excluding custom work | 173,498 | — | 173,498 | 12,161,523 |

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1957 — Continued

| Products | Made in feeds industry | Made in other industries (preliminary) | Total shipments | |
|--|---------------------------|--|------------------|---------------------------|
| | Quantity | Quantity | Quantity | Selling value at plant |
| | | tons | | \$ |
| QUEBEC | | | | |
| Concentrates: | | | | |
| Calf concentrates | 930 | — | 930 | 88,832 |
| Dairy and cattle concentrates | 22,602 | — | 22,602 | 1,695,542 |
| Swine concentrates | 32,075 | — | 32,075 | 2,979,143 |
| Poultry concentrates: | | | | |
| Total | 38,966 | — | 38,966 | 4,065,092 |
| (a) Chick starter concentrates | 4,462 | — | 4,462 | 504,125 |
| (b) Broiler concentrates | 8,064 | — | 8,064 | 994,440 |
| (c) Growing concentrates | 5,894 | — | 5,894 | 565,784 |
| (d) Laying and hatching concentrates | 17,679 | — | 17,679 | 1,677,564 |
| (e) Fattening and finishing concentrates | — | — | — | — |
| (f) Turkey concentrates | 2,319 | — | 2,319 | 267,487 |
| (g) Other poultry concentrates | 548 | — | 548 | 55,696 |
| Concentrates, n.e.s. | — | — | — | — |
| Total concentrates | 94,573 | — | 94,573 | 8,628,609 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 8,456 | — | 8,456 | 771,382 |
| Dairy and cattle feeds | 156,927 | — | 156,927 | 10,671,152 |
| Swine feeds | 253,158 | — | 253,158 | 17,655,132 |
| Poultry feeds: | | | | |
| Total | 294,217 | — | 294,217 | 24,698,707 |
| (a) Chick starter feeds | 35,767 | — | 35,767 | 3,092,488 |
| (b) Broiler feeds | 58,467 | — | 58,467 | 5,164,883 |
| (c) Growing feeds | 40,892 | — | 40,892 | 3,264,210 |
| (d) Laying and hatching feeds | 110,386 | — | 110,386 | 8,942,881 |
| (e) Fattening and finishing feeds | 8,407 | — | 8,407 | 681,929 |
| (f) Turkey feeds | 33,339 | — | 33,339 | 2,910,342 |
| (g) Other poultry feeds | 6,959 | — | 6,959 | 641,968 |
| Horse feeds | 1,523 | — | 1,523 | 103,083 |
| Total complete feeds | 714,281 | — | 714,281 | 53,899,456 |
| Other feeds: | | | | |
| Mineral mixtures | 3,316 | — | 3,316 | 394,644 |
| Dog and cat foods: | | | | |
| (a) Canned | — | — | — | — |
| (b) Biscuits | — | — | — | — |
| (c) Other (meals, etc.) | 111 | — | 111 | 18,068 |
| Fox biscuits | — | — | — | — |
| Other fox feeds | — | — | — | — |
| Mink feeds | — | — | — | — |
| Rabbit feeds | 1,053 | — | 1,053 | 86,228 |
| Goat feeds | — | — | — | — |
| Feeds for other animals | — | — | — | — |
| Scratch feeds | 33,142 | — | 33,142 | 2,124,757 |
| Hominy feed | — | — | — | — |
| Chopped, ground or crushed grain feed: | | | | |
| Total | 197,553 | 1,786 | 199,339 | 11,120,778 |
| (a) Wheat | 27,881 | — | 27,881 | 1,612,922 |
| (b) Oats | 63,878 | — | 63,878 | 3,547,934 |
| (c) Barley | 72,997 | — | 72,997 | 3,979,685 |
| (d) Corn | 7,432 | — | 7,432 | 452,646 |
| (e) Mixed | 21,650 | — | 21,650 | 1,235,011 |
| (f) Other | 3,715 | 1,786 | 5,501 | 292,580 |
| Other products: | | | | |
| Stock and poultry tonics | value only | not available | value only | — |
| Veterinary medicines | — | — | — | 27,962 |
| Legume and grass meal, dehydrated, all kinds | — | — | — | — |
| Legume and grass meal, sundried, all kinds | 2,905 | — | 2,905 | 115,784 |
| Cereal products for human consumption | — | — | — | — |
| All other products | 1,895 | — | 1,895 | 130,548 |
| Grand total excluding custom work | — | — | 1,056,959 | 78,114,152 |

See footnotes page 17.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1957 - Continued

| Products | Made in feeds industry | Made in other industries (preliminary) | Total shipments | |
|--|---------------------------|--|------------------|---------------------------|
| | Quantity | Quantity | Quantity | Selling value at plant |
| | | tons | | \$ |
| ONTARIO | | | | |
| Concentrates: | | | | |
| Calf concentrates | 1,200 | — | 1,200 | 109,675 |
| Dairy and cattle concentrates | 69,564 | — | 69,564 | 5,200,397 |
| Swine concentrates | 57,523 | — | 57,523 | 5,432,562 |
| Poultry concentrates: | | | | |
| Total | 81,587 | — | 81,587 | 7,819,231 |
| (a) Chick starter concentrates | 3,136 | — | 3,136 | 338,670 |
| (b) Broiler concentrates | 7,552 | — | 7,552 | 872,912 |
| (c) Growing concentrates | 15,650 | — | 15,650 | 1,455,071 |
| (d) Laying and hatching concentrates | 46,038 | — | 46,038 | 4,236,088 |
| (e) Fattening and finishing concentrates | 233 | — | 233 | 23,027 |
| (f) Turkey concentrates | 5,008 | — | 5,008 | 510,110 |
| (g) Other poultry concentrates | 3,970 | — | 3,970 | 383,353 |
| Concentrates, n.e.s. | — | 1 | 1 | 1 |
| Total concentrates (except n.e.s.) | 209,874 | 1 | 209,874 | 18,561,865 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 15,724 | 91 | 15,815 | 1,474,645 |
| Dairy and cattle feeds | 109,458 | 1,658 | 111,116 | 7,875,580 |
| Swine feeds | 269,799 | 7,416 | 277,215 | 19,363,553 |
| Poultry feeds: | | | | |
| Total | 536,619 | 6,951 | 543,570 | 44,462,973 |
| (a) Chick starter feeds | 38,037 | 366 | 38,403 | 3,302,470 |
| (b) Broiler feeds | 142,956 | 178 | 143,134 | 12,335,590 |
| (c) Growing feeds | 75,575 | 1,337 | 76,912 | 6,007,257 |
| (d) Laying and hatching feeds | 199,585 | 4,728 | 204,313 | 16,075,418 |
| (e) Fattening and finishing feeds | 7,715 | 34 | 7,749 | 609,619 |
| (f) Turkey feeds | \$ | \$ | 61,333 | 5,055,437 |
| (g) Other poultry feeds | \$ | \$ | 11,726 | 1,077,182 |
| Horse feeds | 2,626 | — | 2,626 | 187,004 |
| Total complete feeds | 934,226 | 16,116 | 950,342 | 73,363,755 |
| Other feeds: | | | | |
| Mineral mixtures | 4,614 | — | 4,614 | 512,858 |
| Dog and cat foods: | | | | |
| (a) Canned | \$ | \$ | 37,310 | 6,609,451 |
| (b) Biscuits | 3,496 | — | 3,496 | 798,089 |
| (c) Other (meals, etc.) | \$ | \$ | 7,822 | 1,500,179 |
| Fox biscuits | 1,201 | — | 1,201 | 128,482 |
| Other fox feeds | 2,963 | — | 2,963 | 331,444 |
| Mink feeds | 831 | — | 831 | 69,620 |
| Rabbit feeds | — | — | — | — |
| Goat feeds | — | — | — | — |
| Feeds for other animals | 2H | 1,496 | 1,524 | 83,981 |
| Scratch feeds | 33,944 | 660 | 34,604 | 2,179,017 |
| Hominy feed | — | — | — | — |
| Chopped, ground or crushed grain feed: | | | | |
| Total | 261,854 | 11,107 | 272,961 | 14,055,491 |
| (a) Wheat | 29,187 | — | 29,187 | 1,574,694 |
| (b) Oats | 89,910 | — | 89,910 | 4,834,250 |
| (c) Barley | 49,412 | — | 49,412 | 2,565,993 |
| (d) Corn | 18,810 | — | 18,810 | 1,088,798 |
| (e) Mixed | 49,346 | — | 49,346 | 2,608,736 |
| (f) Other | 25,189 | 11,107 | 36,296 | 1,383,020 |
| Other products: | | | | |
| Stock and poultry tonics | value only | not available | value only | 2 |
| Veterinary medicines | " | " | " | 2* |
| Legume and grass meal, dehydrated, all kinds | 27,639 | — | 27,639 | 1,681,584 |
| Legume and grass meal, sundried, all kinds | 5,191 | — | 5,191 | 181,902 |
| Cereal products for human consumption | 2 | — | 2 | 2 |
| All other products | 9,104 | — | 9,104 | 1,807,636 |
| Grand total excluding custom work | 1,537,983 | 31,493 | 1,569,476 | 121,865,344 |

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1957 - Continued

| Products | Made in feeds industry | Made in other industries (preliminary) | Total shipments | |
|--|---------------------------|--|-----------------|---------------------------|
| | Quantity | Quantity | Quantity | Selling value at plant |
| | | tons | | \$ |
| PRAIRIE PROVINCES | | | | |
| Concentrates: | | | | |
| Calf concentrates..... | 197 | — | 197 | 20,774 |
| Dairy and cattle concentrates | 14,605 | — | 14,605 | 1,287,790 |
| Swine concentrates | 16,693 | — | 16,693 | 1,535,402 |
| Poultry concentrates: | | | | |
| Total | 38,759 | — | 38,759 | 3,829,969 |
| (a) Chick starter concentrates | 2,476 | — | 2,476 | 264,019 |
| (b) Broiler concentrates | 2,578 | — | 2,578 | 344,054 |
| (c) Growing concentrates | 4,243 | — | 4,243 | 397,606 |
| (d) Laying and hatching concentrates | 20,829 | — | 20,829 | 1,958,771 |
| (e) Fattening and finishing concentrates | — | — | — | — |
| (f) Turkey concentrates | 8,271 | — | 8,271 | 831,047 |
| (g) Other poultry concentrates | 362 | — | 362 | 34,472 |
| Concentrates, n.e.s. | 1 | 1 | 1 | 1 |
| Total concentrates | 70,254 | 1 | 70,254 | 6,673,935 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 2,701 | 280 | 2,981 | 276,213 |
| Dairy and cattle feeds | 18,116 | 1,430 | 19,546 | 1,223,474 |
| Swine feeds | 12,287 | 428 | 12,715 | 903,618 |
| Poultry feeds: | | | | |
| Total | 64,443 | 7,457 | 71,900 | 5,963,614 |
| (a) Chick starter feeds | 19,364 | 975 | 20,339 | 1,747,306 |
| (b) Broiler feeds | 4,122 | 2,196 | 6,318 | 568,805 |
| (c) Growing feeds | 5,485 | 526 | 6,011 | 457,019 |
| (d) Laying and hatching feeds | 18,443 | 2,114 | 20,557 | 1,561,434 |
| (e) Fattening and finishing feeds | — | — | 1,060 | 84,948 |
| (f) Turkey feeds | 15,061 | 1,463 | 16,524 | 1,455,197 |
| (g) Other poultry feeds | — | — | 1,091 | 88,938 |
| Horse feeds | 1 | — | 1 | 1 |
| Total complete feeds (except horse) | 97,547 | 9,595 | 107,142 | 8,366,919 |
| Other feeds: | | | | |
| Mineral mixtures..... | 2,658 | — | 2,658 | 223,956 |
| Dog and cat foods: | | | | |
| (a) Canned..... | 1 | 1 | 6,168 | 1,215,817 |
| (b) Biscuits | 1 | — | 1 | 1 |
| (c) Other (meals, etc.)..... | 1 | 1 | 1,207 | 151,872 |
| Fox biscuits | 1 | 1 | 656 | 108,476 |
| Other fox feeds | 1 | 1 | — | — |
| Mink feeds..... | 2,539 | 1,706 | 4,245 | 619,509 |
| Rabbit feeds | 618 | — | 618 | 48,298 |
| Goat feeds | — | — | — | — |
| Feeds for other animals | 322 | 3,271 | 3,593 | 468,305 |
| Scratch feeds | 3,406 | 45 | 3,451 | 228,178 |
| Hominy feed | — | — | — | — |
| Chopped, ground or crushed grain feed: | | | | |
| Total | 59,119 | 2,445 | 61,564 | 2,677,259 |
| (a) Wheat | 5,537 | — | 5,537 | 280,521 |
| (b) Oats | 16,549 | — | 16,549 | 873,433 |
| (c) Barley | 8,844 | — | 8,844 | 448,350 |
| (d) Corn | 1,297 | — | 1,297 | 80,737 |
| (e) Mixed | 6,489 | — | 6,489 | 344,014 |
| (f) Other | 20,403 | 2,445 | 22,848 | 650,204 |
| Other products: | | | | |
| Stock and poultry tonics | value only | not available | value only | 2 |
| Veterinary medicines | " | " | " | 2 |
| Legume and grass meal, dehydrated, all kinds | 6,060 | — | 6,060 | 381,303 |
| Legume and grass meal, sundried, all kinds | 845 | — | 845 | 26,303 |
| Cereal products for human consumption | 2 | — | 2 | 2 |
| All other products | 4,666 | — | 4,666 | 421,251 |
| Grand total excluding custom work | 254,152 | 18,975 | 273,127 | 21,611,969 |

See footnotes page 17.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1957 - Concluded

| Products | Made in feeds industry | Made in other industries (preliminary) | Total shipments | |
|--|---------------------------|--|-----------------|---------------------------|
| | Quantity | Quantity | Quantity | Selling value at plant |
| | | tons | | \$ |
| BRITISH COLUMBIA | | | | |
| Concentrates: | | | | |
| Calf concentrates | — | — | — | — |
| Dairy and cattle concentrates | 408 | — | 408 | 32,495 |
| Swine concentrates | ³ | — | ³ | ³ |
| Poultry concentrates: | | | | |
| Total | 124 | — | 124 | 14,480 |
| (a) Chick starter concentrates | — | — | — | — |
| (b) Broiler concentrates | — | — | — | — |
| (c) Growing concentrates | ³ | — | ³ | ³ |
| (d) Laying and hatching concentrates | — | — | — | — |
| (e) Fattening and finishing concentrates | — | — | — | — |
| (f) Turkey concentrates | — | — | — | — |
| (g) Other poultry concentrates | 124 | — | 124 | 14,480 |
| Concentrates, n.e.s. | — | — | — | — |
| Total concentrates | 532 | — | 532 | 46,975 |
| Secondary or complete feeds: | | | | |
| Calf feeds | 603 | — | 603 | 59,347 |
| Dairy and cattle feeds | 60,074 | ⁴ | 60,074 | 3,808,153 |
| Swine feeds | 3,481 | ⁴ | 3,481 | 255,967 |
| Poultry feeds: | | | | |
| Total | 107,929 | — | 107,930 | 8,936,512 |
| (a) Chick starter feeds | 4,956 | — | 4,956 | 448,039 |
| (b) Broiler feeds | 11,851 | — | 11,851 | 1,171,448 |
| (c) Growing feeds | 11,469 | — | 11,469 | 856,232 |
| (d) Laying and hatching feeds | 65,888 | ¹ | 65,889 | 5,275,917 |
| (e) Fattening and finishing feeds | 593 | — | 593 | 49,234 |
| (f) Turkey feeds | 11,547 | — | 11,547 | 1,002,694 |
| (g) Other poultry feeds | 1,625 | — | 1,625 | 132,948 |
| Horse feeds | ¹ | — | ¹ | ¹ |
| Total complete feeds (except horse) | 172,087 | ¹ | 172,088 | 13,059,979 |
| Other feeds: | | | | |
| Mineral mixtures | 62 | — | 62 | 6,598 |
| Dog and cat foods: | | | | |
| (a) Canned | 11,023 | — | 11,023 | 1,830,403 |
| (b) Biscuits | ¹ | — | ¹ | ¹ |
| (c) Other (meals, etc.) | ¹ | — | ¹ | ¹ |
| Fox biscuits | — | ¹ | ¹ | ¹ |
| Other fox feeds | — | ¹ | ¹ | ¹ |
| Mink feeds | 255 | — | 255 | 32,705 |
| Rabbit feeds | 435 | — | 435 | 30,570 |
| Goat feeds | 72 | — | 72 | 5,180 |
| Feeds for other animals | ⁵ | ⁵ | 2,779 | 447,799 |
| Scratch feeds | 3,696 | — | 3,696 | 267,016 |
| Hominy feed | — | — | — | — |
| Chopped, ground or crushed grain feed: | | | | |
| Total | 17,435 | — | 17,435 | 1,014,915 |
| (a) Wheat | 3,532 | — | 3,532 | 207,400 |
| (b) Oats | 6,683 | — | 6,683 | 371,540 |
| (c) Barley | 4,837 | — | 4,837 | 271,573 |
| (d) Corn | 1,884 | — | 1,884 | 141,663 |
| (e) Mixed | 300 | — | 300 | 13,215 |
| (f) Other | 199 | — | 199 | 9,524 |
| Other products: | | | | |
| Stock and poultry tonics | — | — | — | — |
| Veterinary medicines | — | — | — | — |
| Legume and grass meal, dehydrated, all kinds | 8,061 | — | 8,061 | 708,168 |
| Legume and grass meal, a sundried, all kinds | ³ | — | ³ | ³ |
| Cereal products for human consumption | ³ | — | ³ | ³ |
| All other products | 1,030 | — | 1,030 | 57,860 |
| Grand total excluding custom work | ⁵ | ⁵ | 217,488 | 17,508,168 |

¹ Included in Feeds for Other Animals.² Included in All Other Products.³ Included in Other Poultry Concentrates.⁴ Less than 1 ton.⁵ Included in column 3 and group or grand total.

TABLE 11. Materials Used in the Feeds Industry, 1956 and 1957

| Principal materials ¹ | 1956 | | 1957 | |
|--|------------------|--------------------|------------------|--------------------|
| | Quantity | Cost at plant | Quantity | Cost at plant |
| | tons | \$ | tons | \$ |
| Wheat | 476,178 | 24,942.134 | 494,311 | 24,384.775 |
| Oats | 534,193 | 27,279.945 | 519,533 | 24,893.325 |
| Corn | 218,053 | 12,200.955 | 218,614 | 11,550.061 |
| Barley | 479,449 | 23,585.660 | 483,027 | 22,324.000 |
| Buckwheat | 3,697 | 176.076 | 3,410 | 169.613 |
| Mixed grains | 38,700 | 1,870.729 | 31,048 | 1,454.217 |
| Other grains, all kinds | 29,056 | 1,514.652 | 22,279 | 1,100.209 |
| Screenings | 132,173 | 4,513.356 | 128,724 | 3,797.254 |
| Wheat flour (feed etc.) | 13,696 | 877.491 | 12,542 | 818.472 |
| Bran, shorts, and middlings | 308,382 | 15,058.644 | 307,297 | 14,369.818 |
| Oatmeal, oat middlings, oat groats | 15,954 | 1,102.492 | 14,241 | 955.621 |
| Wheat germ | 3,157 | 208.324 | 2,989 | 208.668 |
| Corn (grits, meal, cracked and germ) | 4,277 | 256.897 | 4,596 | 290.041 |
| Hominy feed | 7,430 | 390.698 | 6,066 | 319.153 |
| Gluten feed and meal | 19,858 | 1,095.467 | 20,516 | 1,109.455 |
| Cereal feed | 1,557 | 117.424 | 1,945 | 143.738 |
| Cottonseed oil cake and meal | 588 | 43.569 | 579 | 38.883 |
| Cocoonut or copra oil cake and meal | 2,611 | 147.228 | 2,076 | 113.975 |
| Linseed oil cake and meal | 19,262 | 1,472.527 | 20,884 | 1,452.758 |
| Soybean oil cake and meal | 222,957 | 15,306.165 | 256,117 | 16,233.971 |
| Oil cake meals, not specified | 29,604 | 1,886.347 | 25,195 | 1,483.550 |
| Legumes and grasses (for dehydrated meal) | 51,595 | 1,461.794 | 49,159 | 1,188.831 |
| Legumes and grasses (for sundried meal) | 10,282 | 242.158 | 10,176 | 187.634 |
| Legume and grass meal, dehydrated | 38,147 | 2,915.283 | 39,778 | 2,870.698 |
| Legume and grass meal, sundried | 13,380 | 580.055 | 12,857 | 585.823 |
| Fish meal | 31,484 | 4,299.651 | 28,395 | 3,981.401 |
| Cod liver meal | 198 | 60.809 | 114 | 37.900 |
| Fish oils, all kinds | 3,949 | 997.011 | 3,668 | 957.102 |
| Blood meal | 4,145 | 371.358 | 3,789 | 229.173 |
| Bone meal | 6,951 | 512.886 | 7,584 | 560.512 |
| Bone char | 630 | 33.609 | 484 | 28.338 |
| Lung and liver meal | 3,052 | 293.536 | 2,676 | 250.041 |
| Meat meal | 69,449 | 5,738.178 | 67,266 | 5,346.331 |
| Raw meat (horse, etc.) | 7,967 | 837.458 | 7,037 | 799.912 |
| Tankage | 24,261 | 1,874.593 | 26,120 | 1,882.657 |
| Milk, buttermilk, whey, etc., powdered | 10,747 | 1,496.275 | 11,184 | 1,673.191 |
| Molasses | 48,711 | 1,957.638 | 49,809 | 2,241.659 |
| Beet pulp | 6,728 | 394.059 | 6,798 | 386.774 |
| Oyster and clam shell | 3,911 | 112.665 | 4,652 | 117.250 |
| Limestone (calcium carbonate) | 31,398 | 298.190 | 35,669 | 338.294 |
| Grit and gravel | 2,673 | 52.880 | 2,675 | 55.892 |
| Salt | 24,133 | 589.281 | 22,662 | 561.953 |
| Antibiotics | 1,058 | 1,192.685 | 979 | 1,405.571 |
| Mixed concentrates and supplements: | | | | |
| (a) Calf | 1,549 | 166.420 | 2,509 | 245.054 |
| (b) Dairy and cattle | 26,941 | 2,315.966 | 31,914 | 2,733.654 |
| (c) Swine | 50,437 | 4,727.223 | 57,902 | 5,349.376 |
| (d) Poultry | 67,381 | 6,654.700 | 76,165 | 7,509.778 |
| (e) Other | 791 | 59.407 | 186 | 15.256 |
| Mineral mixtures | 2,562 | 288.517 | 2,765 | 358.081 |
| Rock phosphate | 24,596 | 1,682.815 | 24,234 | 1,806.591 |
| Vitamins and vitamin compounds | 3,351 | 1,804.132 | 3,188 | 1,967.048 |
| Urea | 3,635 | 370.652 | 3,721 | 396.431 |
| Brewers' and distillers' grains | 27,597 | 1,400.404 | 22,544 | 1,170.179 |
| Malt sprouts | 8,131 | 391.821 | 6,331 | 296.701 |
| Rice meal and rice feed | 3,145 | 120.635 | 3,551 | 143.990 |
| Yeast | 1,155 | 255.715 | 1,101 | 242.823 |
| Seeds (clover, sunflower, millet, etc.) | 1,374 | 259.884 | 937 | 149.066 |
| Containers and packaging material | — | 9,713.627 | — | 9,901.557 |
| All other materials | 19,965 | 2,304.532 | 21,726 | 3,035.452 |
| Operating maintenance and repair supplies | — | 1,292.725 | — | 1,720.969 |
| Amount paid out to others for work done on materials owned by this plant | — | 168.678 | — | 210.556 |
| Total² | 3,198,292 | 194,336,685 | 3,228,294 | 190,251,422 |

¹ Does not include grains for custom chopping.² Does not include office supplies used which amounted to \$290,585 in 1956 and \$286,257 in 1957.

TABLE 12. Employees, Salaries and Wages, by Provinces, 1956 and 1957

| | Average number | | | | | Salaries and wages | | |
|----------------------------|----------------------------------|--------|--------------------|--------|-------|----------------------------------|--------------------|------------|
| | Supervisory and office employees | | Production workers | | Total | Supervisory and office employees | Production workers | Total |
| | Male | Female | Male | Female | | | | |
| | number | | | | | dollars | | |
| 1956 | | | | | | | | |
| Prince Edward Island | 18 | 4 | 45 | 5 | 72 | 40,008 | 85,636 | 125,644 |
| Nova Scotia..... | 25 | 5 | 73 | 1 | 104 | 67,324 | 146,257 | 213,581 |
| New Brunswick..... | 44 | 12 | 146 | 3 | 205 | 136,915 | 328,003 | 464,918 |
| Quebec..... | 579 | 136 | 1,581 | 30 | 2,326 | 1,771,026 | 3,712,635 | 5,483,661 |
| Ontario..... | 1,131 | 279 | 2,663 | 83 | 4,156 | 3,679,825 | 6,689,495 | 10,369,320 |
| Manitoba..... | 76 | 12 | 172 | 6 | 266 | 239,635 | 468,254 | 707,889 |
| Saskatchewan..... | 17 | 8 | 43 | 2 | 70 | 67,733 | 125,534 | 193,267 |
| Alberta..... | 115 | 13 | 196 | 9 | 333 | 295,248 | 544,972 | 840,220 |
| British Columbia | 131 | 82 | 446 | 38 | 697 | 757,168 | 1,514,545 | 2,271,713 |
| Canada..... | 2,136 | 551 | 5,365 | 177 | 8,229 | 7,054,882 | 13,015,331 | 20,670,213 |
| 1957 | | | | | | | | |
| Prince Edward Island | 17 | 3 | 38 | 5 | 63 | 33,225 | 72,491 | 105,716 |
| Nova Scotia..... | 26 | 6 | 76 | 1 | 109 | 71,970 | 175,834 | 247,804 |
| New Brunswick..... | 44 | 12 | 136 | 2 | 194 | 166,581 | 344,741 | 511,322 |
| Quebec..... | 580 | 147 | 1,566 | 20 | 2,313 | 1,935,952 | 3,822,779 | 5,758,731 |
| Ontario..... | 1,086 | 260 | 2,628 | 73 | 4,047 | 3,840,062 | 7,015,723 | 10,855,785 |
| Manitoba..... | 68 | 11 | 170 | 5 | 254 | 241,357 | 482,737 | 724,094 |
| Saskatchewan..... | 19 | 8 | 52 | 2 | 81 | 69,513 | 149,981 | 219,494 |
| Alberta..... | 96 | 16 | 218 | 5 | 335 | 297,854 | 629,379 | 927,233 |
| British Columbia | 112 | 59 | 455 | 30 | 656 | 676,552 | 1,403,144 | 2,079,696 |
| Canada..... | 2,048 | 522 | 5,339 | 143 | 8,052 | 7,333,066 | 14,006,809 | 21,429,875 |

TABLE 13. Production Workers, by Months, 1956 and 1957

| Months | 1956 | | | 1957 | | |
|-----------------------|--------|--------|-------|-------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| | number | | | | | |
| January | 5,078 | 173 | 5,251 | 5,244 | 140 | 5,384 |
| February | 5,137 | 188 | 5,325 | 5,221 | 149 | 5,370 |
| March | 5,209 | 184 | 5,393 | 5,290 | 146 | 5,436 |
| April | 5,320 | 187 | 5,507 | 5,334 | 142 | 5,476 |
| May | 5,369 | 185 | 5,554 | 5,391 | 158 | 5,549 |
| June | 5,457 | 180 | 5,637 | 5,444 | 152 | 5,596 |
| July | 5,525 | 180 | 5,705 | 5,445 | 146 | 5,591 |
| August | 5,535 | 179 | 5,714 | 5,465 | 148 | 5,613 |
| September | 5,493 | 188 | 5,681 | 5,438 | 149 | 5,587 |
| October | 5,454 | 183 | 5,637 | 5,327 | 149 | 5,476 |
| November | 5,361 | 175 | 5,536 | 5,239 | 152 | 5,391 |
| December | 5,321 | 172 | 5,493 | 5,166 | 144 | 5,310 |
| Monthly average | 5,365 | 177 | 5,542 | 5,339 | 143 | 5,482 |

TABLE 14. Exports of Feeds, 1956 and 1957

| Articles exported | 1956 | | 1957 | |
|------------------------|----------|-----------|----------|-----------|
| | Quantity | Value | Quantity | Value |
| | tons | \$ | tons | \$ |
| Mixed feeds | 12,471 | 972,852 | 11,666 | 869,586 |
| On: feed, ground | 20,487 | 498,916 | 25,270 | 623,864 |
| Feeders, n.o.p. | 57,251 | 2,948,075 | 62,343 | 2,823,489 |



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FOODS AND BEVERAGES

TABLE 15. Fuel Consumption, 1956 and 1957

| | | 1956 | | 1957 | |
|---|-----------|------------|------------------|-------------|------------------|
| | | Quantity | Cost at plant | Quantity | Cost at plant |
| | | | \$ | | \$ |
| Bituminous coal: | | | | | |
| (a) Canadian | ton | 1,454 | 20,522 | 1,474 | 19,558 |
| (b) Imported | " | 5,552 | 65,897 | 6,425 | 79,339 |
| Sub-bituminous coal (from Alberta mines only) | " | 893 | 7,097 | 1,980 | 16,411 |
| Anthracite coal | " | 825 | 14,223 | 851 | 16,969 |
| Lignite coal | " | 429 | 2,883 | 519 | 3,326 |
| Coke | " | 213 | 4,938 | 293 | 7,301 |
| Gasoline | Imp. gal. | 3,539,500 | 1,373,564 | 3,390,445 | 1,325,668 |
| Kerosene | " | 18,534 | 3,959 | 5,364 | 1,240 |
| Fuel oil | " | 3,333,900 | 511,098 | 5,093,182 | 759,488 |
| Wood | cord | 1,565 | 6,581 | 468 | 5,679 |
| Gas: (manufactured, natural, propane, etc.) | — | — | 95,877 | — | 108,737 |
| Other fuel (kind and quantity not stated) | — | — | 59,455 | — | 15,046 |
| Electricity purchased | kwh. | 99,409,554 | 1,829,603 | 108,586,442 | 1,895,877 |
| Total cost of fuel and electricity | — | — | 3,995,607 | — | 4,254,639 |