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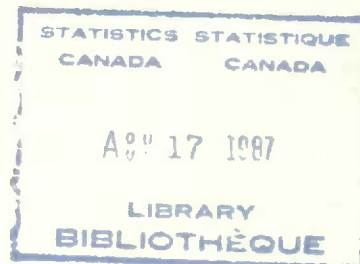
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THE FEEDS INDUSTRY

1958



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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Foods, Beverages and Tobacco** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

Catalogue number		Per copy	Per year	Catalogue number		Per copy	Per year
General				Dairy Products			
32-201	Foods and Beverages — General Review	\$.50		23-201	Dairy Statistics	\$.50	
31-001	Inventories, Shipments and Orders in Manufacturing Industries		\$4.00	32-002	Dairy Factory Production (Monthly) ..	.10	\$1.00
31-201	General Review of the Manufacturing Industries		2.00	32-009	Stocks of Dairy and Poultry Products (Monthly) .....	.20	2.00
65-004	Trade of Canada — Exports (Monthly)		7.50	32-209	Dairy Products Industries .....	.75	
65-007	Trade of Canada — Imports (Monthly)		7.50	32-210	Process Cheese Industry .....	.25	
Bakery Products				Grain Mill Products			
32-202	Biscuit Industry .....	.50		32-003	Grain Milling Statistics (Monthly) ....	.10	1.00
32-203	Bread and Other Bakery Products Industry .....	.50		32-004	Shipments of Prepared Stock and Poultry Feeds (Monthly) .....	.30	3.00
Beverages				32-204	Prepared Breakfast Foods Industry ..	.25	
32-001	Monthly Production of Carbonated Beverages .....	.10	1.00	32-214	Feeds Industry .....	.50	
32-205	Brewing Industry .....	.50		32-215	Flour Milling Industry .....	.50	
32-206	Distilling Industry .....	.50		Meat Products			
32-207	Wine Industry .....	.25		32-012	Stocks of Meat and Lard (Monthly)....	.30	3.00
32-208	Carbonated Beverages Industry .....	.50		32-220	Estimates of Production and Consumption of Meats .....	.25	
Canning and Preserving				32-221	Slaughtering and Meat Packing Industries .....	.25	
22-003	Fruit and Vegetable Crop Reports (Seasonal) .....	.20	1.00	Other Food Industries			
24-001	Fish Freezings and Stocks (Monthly) ..	.20	2.00	32-005	Margarine Statistics (Monthly) .....	.10	1.00
24-002	Monthly Review of Canadian Fisheries Statistics .....	.30	3.00	32-006	Oils and Fats (Monthly) .....	.10	1.00
24-201	Fisheries Statistics of Canada .....	.75		32-007	Quarterly Report on Processed Foods ..	.50	2.00
32-010	Stocks of Fruit and Vegetables (Monthly) .....	.20	2.00	32-013	Sugar Situation (Monthly) .....	.10	1.00
32-011	Quarterly Stocks of Canned Fruits and Vegetables on Hand .....	.50	2.00	32-213	Confectionery Industry .....	.50	
32-211	Canned Foods Summary .....	.50		32-219	Macaroni and Kindred Products Industry .....	.25	
32-212	Canned and Frozen Processed Foods ..	.25		32-222	Sugar Refining Industry .....	.50	
32-216	Fish Processing Industry .....	.50		32-223	Vegetable Oils Industry .....	.50	
32-217	Stocks of Food Commodities in Cold Storage and Other Warehouses .....	.50		32-224	Miscellaneous Food Preparations Industry .....	.50	
32-218	Fruit and Vegetables Preparations Industry .....	.50		Tobacco and Tobacco Products			
				22-205	Leaf Tobacco Production and Value ..	.25	
				32-014	Quarterly Stocks and Consumption of Unmanufactured Tobacco .....	.50	2.00
				32-225	Tobacco and Tobacco Products Industries .....	.50	

Note: In addition, several special statements are available. These include Monthly Meat Products, Monthly Stocks of Canned Foods, Monthly Production of Alfalfa Meal, Quarterly Bread and Bakery Products, 20 Seasonal Commodity Reports of Canned Fruits and Vegetables including Irish Potatoes.

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in **repair** work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

.. figures not available.

... figures not appropriate or not applicable.

— nil or zero.

P preliminary figures.

THE FEEDS INDUSTRY

1958

Previous to the publication of the 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.

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. 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 nineteen year period, 1939-1958. 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.

Since 1947, the gross value of production has continued to increase but at a slower pace than in the preceding period and 1958 saw a value of production rise of slightly more than 15 per cent to an estimated \$285,754,000.

The present report for 1958 covers 1,409 establishments, an increase of 9 plants over 1957. Total number of employees increased to 8,147 from 8,052 while salaries and wages paid rose from \$21,429,875 to \$24,057,368 in 1958. Gross value of shipments was an all-time high of \$284,912,260, 14 per cent above the previous year. Cost of materials showed a correspondingly large increase of 15 per cent to \$219,485,186. The net result of these changes in costs and revenues was a 15 per cent increase in value added to a record high of 62 million dollars.

Concentrated feeds shipped in 1958 totalled 451,076 tons compared with 385,189 tons in 1957, an increase of 17 per cent, while complete livestock feeds were up by 16 per cent to 2,367,698 tons. 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 1,400 firms whose returns were incorporated in the report for 1957, 459 completed the long form; 278 the intermediate and 663 the short form.

In 1958 only intermediate and long forms were used: the intermediate covering firms below \$100,000 in value of shipments in 1957 and all franchise mixers; the long all remaining firms. This resulted in a total of 960 intermediate and 449 long reports being received.

In compiling the present report for 1958, 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 value of the principal commodities sold. Total cost of fuel and of electricity, average number of employees, and total payroll expenditures were also received from these firms. In addition, a breakdown of power equipment was obtained.

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 later years, 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
1958	284,912	+842	285,754	219,485	4,126	62,143

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

² Previous years computed as in 1951.

TABLE 1A. Principal Statistics of the Feeds Industry, 1930-58¹

Note: Cost of materials used and selling value of shipments have been revised to include the estimated value of the grains handled in custom milling for all years prior to 1950. For the year 1950, the upper line gives principal statistics on this basis and the lower line those on the new basis, excluding value of grains handled in custom milling. All later years are given on this latter basis.

	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	3	18,793,272	4,630,068	23,433,340
1931.....	931	1,580	1,200,194	3	14,486,015	4,561,837	19,047,852
1932.....	933	1,686	1,148,961	3	12,751,495	4,100,250	16,851,745
1933.....	959	1,839	1,294,966	3	13,829,776	4,257,160	18,086,936
1934.....	921	1,884	1,272,635	309,130	15,679,959	3,806,628	19,795,711
1935.....	842	1,991	1,523,373	331,864	17,427,809	4,484,429	22,243,902
1936.....	849	2,077	1,670,515	359,059	23,656,999	5,917,159	29,933,217
1937.....	847	2,252	1,879,683	362,142	26,990,554	5,986,739	33,339,435
1938.....	883	2,509	2,181,866	393,039	24,288,973	6,021,436	30,703,448
1939.....	868	2,669	2,466,615	450,956	25,372,808	6,873,856	32,696,622
1940.....	863	2,872	2,662,314	520,734	29,045,484	8,092,561	37,658,779
1941.....	962	3,175	3,110,737	627,750	39,914,486	9,234,769	49,777,005
1942.....	1,021	3,624	3,864,611	750,101	49,463,490	10,412,885	60,626,476
1943.....	1,009	4,057	4,908,850	627,058	68,680,116	13,120,678	82,627,852
1944.....	1,069	5,067	6,747,543	1,023,766	89,349,481	16,208,411	106,581,658
1945.....	1,050	5,344	7,256,118	1,075,896	91,685,361	17,195,961	109,957,238
1946.....	1,025	5,995	8,421,638	1,231,213	107,663,454	20,530,940	129,425,607
1947.....	1,072	6,501	10,129,300	1,500,838	150,590,772	26,110,676	178,202,286
1948.....	1,072	6,114	10,645,531	1,651,597	160,131,406	24,593,893	186,376,896
1949.....	1,199	6,905	12,828,184	1,929,057	168,848,079	29,182,005	199,959,141
1950.....	1,253	6,644	12,536,754	2,243,424	178,353,355	29,241,586	209,838,347
1950.....	1,253	6,644	12,536,754	2,243,424	147,842,755	28,815,460	178,901,339
1951.....	1,311	6,999	14,312,780	2,529,028	164,376,991	32,064,039	198,970,035
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	195,784,761
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.....	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	105,718	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
1958							
Newfoundland and Prince Edward Island....	18	68	118,996	19,795	862,543	255,276	1,127,587
Nova Scotia.....	17	122	301,422	42,453	4,041,776	987,712	5,076,609
New Brunswick.....	22	189	482,690	81,740	6,419,457	1,015,968	7,502,980
Quebec.....	451	2,850	7,330,877	1,159,460	75,640,721	17,866,564	94,477,271
Ontario.....	709	3,805	11,387,557	2,112,915	99,869,612	31,645,892	133,062,653
Manitoba.....	46	244	746,219	133,958	6,501,752	2,148,805	8,733,504
Saskatchewan.....	15	92	273,241	58,276	2,312,247	855,336	3,169,483
Alberta.....	91	352	1,126,792	173,405	9,153,463	2,639,452	11,933,015
British Columbia.....	40	627	2,289,574	343,679	14,683,415	4,728,339	19,829,155
Canada.....	1,409	8,147	24,057,368	4,125,681	219,485,186	62,143,344	284,912,260

¹ Includes Chopping Mills (see Table 1B) and Prepared Feed Mills (see Table 1C).² Gross value of production for 1952 and preceding years. The selling value of factory shipments was not introduced until 1953.³ Not used in computing value added.

TABLE 1 B. Principal Statistics of Firms classified as Chopping Mills, 1930-58¹

(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		
1930	894	1,250	793,889	'	16,853,969	3,497,453	20,351,422
1931	893	1,261	755,501	'	12,686,173	3,450,764	18,136,937
1932	896	1,261	664,024	'	10,763,345	2,950,172	13,713,517
1933	915	1,317	685,448	'	11,576,261	2,997,214	14,575,475
1934	875	1,370	691,321	248,809	12,656,243	2,670,531	15,575,583
1935	743	1,210	685,828	243,025	12,693,050	2,675,856	15,611,931
1936	755	1,269	757,035	260,689	16,641,994	3,393,822	20,296,505
1937	751	1,334	808,441	255,399	17,541,591	3,092,610	20,889,600
1938	752	1,324	828,985	251,658	15,351,554	3,108,646	18,711,858
1939	747	1,358	894,126	269,209	16,270,466	3,491,704	20,031,379
1940	748	1,491	998,623	300,034	18,604,887	4,232,511	23,337,432
1941	844	1,643	1,172,298	372,632	24,748,779	4,886,359	30,007,770
1942	694	1,731	1,318,368	434,220	28,228,172	5,212,759	33,875,151
1943	871	1,826	1,574,122	475,824	35,638,127	5,919,398	42,033,149
1944	863	1,828	1,586,814	451,867	33,537,369	5,095,250	39,084,506
1945	828	1,858	1,692,382	443,347	33,771,092	5,492,060	39,706,499
1946	790	2,024	2,013,312	494,200	39,014,228	6,323,002	45,831,430
1947	787	2,065	2,228,098	567,593	50,206,730	6,874,923	57,649,246
1948	754	1,790	2,173,061	523,883	49,180,903	5,725,383	55,430,169
1949	714	1,549	1,938,647	465,750	43,202,439	4,820,592	48,466,781
1950	685	1,453	1,891,370	521,425	49,840,011	4,676,954	55,038,390
1951	685	1,453	1,891,370	521,425	19,329,411	3,725,929	23,576,765
1952	663	1,494	2,132,923	589,616	19,759,811	4,110,636	24,460,263
1953	646	1,503	2,311,169	606,230	20,523,365	3,906,791	25,036,386
1954	643	1,473	2,336,382	572,228	20,156,743	4,622,227	25,351,198
1955	640	1,661	2,747,613	696,595	20,325,779	4,337,564	25,307,120
1956	605	1,536	2,693,525	736,770	19,978,186	5,404,160	28,048,402
1957	577	1,617	3,127,654	818,912	23,287,892	6,364,304	30,401,561
1958	545	1,539	3,231,929	763,827	22,592,273	6,377,286	29,795,069
1959	518	1,492	3,519,155	651,207	25,756,840	6,828,625	33,158,358

¹ See footnote 1, Table 1 A.² See footnote 2, Table 1 A.³ Not used in computing value added.TABLE 1 C. Principal Statistics of Firms classified as Manufacturers of Prepared Feeds, 1930-58¹

(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		
1930	18	221	299,935	'	1,939,303	1,132,615	3,071,918
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	88,639	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	1,572,469	180,749	9,102,342	3,382,152	12,685,243
1940	115	1,361	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	18,866,510	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	24,564,634	154,799,977
1951	568	5,191	10,645,384	1,721,999	128,513,344	25,089,531	155,324,874
1952	648	5,505	12,179,857	1,939,212	144,617,180	27,953,403	174,509,795
1953	671	5,938	13,392,352	2,311,601	148,801,788	29,967,343	181,080,732
1954	654	5,760	13,861,889	2,314,174	137,828,019	30,291,490	170,433,663
1955	678	6,107	15,345,800	2,794,304	152,472,708	35,646,991	190,132,599
1956	769	6,376	16,659,900	2,958,794	147,732,071	38,987,058	189,799,395
1957	614	6,612	17,542,559	3,178,785	171,048,793	47,033,133	220,556,245
1958	855	6,513	18,197,946	3,490,812	167,659,149	47,545,619	219,238,671
1959	691	6,655	20,536,213	3,474,474	193,728,346	55,314,719	251,753,902

¹ See footnote 1, Table 1 A.² See footnote 2, Table 1 A.³ Not used in computing value added.

TABLE 2. Principal Statistics classified According to Size of Establishments, 1957 and 1958

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			
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
1958						
Under \$50,000	642	1,069	1,994,465	475,002	8,809,381	12,348,287
\$50,000 to \$99,999	268	920	2,219,949	458,413	15,103,401	19,441,938
\$100,000 " \$199,999	253	1,336	3,476,852	732,041	27,428,088	35,410,611
\$200,000 " \$499,999	151	1,456	4,199,096	899,957	34,769,012	44,942,740
\$500,000 " \$999,999	41	708	2,394,933	351,603	21,649,283	28,118,900
\$1,000,000 " \$4,999,999	48	1,947	6,865,960	956,470	71,216,458	92,060,994
\$5,000,000 and over	6	693	2,839,881	252,195	40,509,563	52,588,790
Head offices	—	18	66,232	—	—	—
Total	1,409	8,147	24,057,368	4,125,681	219,485,186	284,912,260

TABLE 3. Principal Statistics classified by Number of Employees per Establishment, 1957 and 1958

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			
1957						
Under 5	933	2,025	3,745,296	1,072,837	28,475,514	37,379,364
5- 14	376	2,668	6,764,190	1,550,890	57,346,065	74,726,944
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	29,086,638
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
1958						
Under 5	950	2,033	4,455,678	1,006,855	32,505,948	41,915,835
5- 14	362	2,603	7,339,238	1,447,076	84,440,567	82,618,805
15- 49	76	1,879	6,317,901	1,105,186	60,340,478	78,477,851
50- 99	8	558	1,892,853	168,961	25,145,412	30,468,125
100-199	8	1,056	3,985,466	397,464	37,039,958	51,415,830
Head offices	5	18	66,232	139	12,823	15,814
Total	1,409	8,147	24,057,368	4,125,681	219,485,186	284,912,260

TABLE 4. Principal Statistics Classified According to Type of Ownership, 1957 and 1958

	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
1957	number		dollars			
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	152,459,461
Co-operatives	258	1,796	4,381,458	876,482	40,339,164	51,620,597
Total	1,400	8,052	21,429,875	4,254,639	190,251,422	249,033,740
1958						
Individual ownership	623	1,490	3,306,507	741,104	26,127,246	33,143,330
Partnership	145	555	1,331,425	251,912	9,503,965	12,133,771
Incorporated companies	365	4,154	14,198,013	2,233,587	135,554,681	179,061,209
Co-operatives	276	1,948	5,221,423	899,078	48,299,294	60,573,961
Total	1,409	8,147	24,057,368	4,125,681	219,485,186	284,912,260

TABLE 5. Inventories, 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
dollars				
Opening inventory: ¹				
Canada	14,953,775	451,255	6,256,507	21,661,537
Newfoundland and Prince Edward Island	126,622	4,942	12,630	144,194
Nova Scotia	371,072	871	38,056	409,999
New Brunswick	392,314	12,176	146,849	551,339
Quebec	4,242,168	134,791	1,513,799	5,890,758
Ontario	7,000,938	271,536	3,148,862	10,421,336
Manitoba	494,775	5,875	238,034	738,684
Saskatchewan	165,451	13,507	152,077	331,035
Alberta	616,907	6,056	395,699	1,018,662
British Columbia	1,543,528	1,501	610,501	2,155,530
Closing inventory:				
Canada	16,212,011	565,215	6,984,498	23,761,724
Newfoundland and Prince Edward Island	99,740	3,544	24,055	127,339
Nova Scotia	391,901	876	33,383	426,160
New Brunswick	440,515	18,984	154,226	613,725
Quebec	4,853,455	155,372	1,682,692	6,691,519
Ontario	7,381,807	335,375	3,650,989	11,368,171
Manitoba	597,299	6,992	287,928	892,219
Saskatchewan	252,490	15,724	206,236	474,450
Alberta	725,679	8,110	426,950	1,160,739
British Columbia	1,469,125	20,238	518,039	2,007,402

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 and 1958

(Prepared in Business Finance 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	1,436	3,484	4,920	594	2,176	2,770	2,030	5,660	7,690
1958 ^a	1,833	3,527	5,360	698	1,958	2,656	2,531	5,485	8,016

TABLE 7. Custom Chopping and Grinding in the Feeds Industry, 1957 and 1958

(Includes Chopping Mills and Prepared Feed Mills)

	Wheat	Oats	Barley	Mixed grains	Other grains	Total	Amount received for custom chopping ¹
tons							\$
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
1958 ³							
Newfoundland and Prince Edward Island	825	2,367	1,576	5,934	323	11,025	41,781
Nova Scotia	866	2,446	577	2,432	9	6,330	18,873
New Brunswick	624	6,168	1,293	3,543	246	11,874	37,132
Quebec	8,997	142,970	23,057	52,766	2,658	230,448	847,097
Ontario	36,047	179,698	48,723	382,430	26,216	673,114	1,884,459
Manitoba	7,098	10,028	9,220	29,483	50	55,879	164,357
Saskatchewan	172	293	152	4,961	—	5,578	16,921
Alberta	29,545	32,102	42,178	115,623	343	219,791	438,665
British Columbia	642	4,241	538	2,702	—	8,123	27,061
Canada	84,816	380,313	127,314	599,874	29,845	1,222,162	3,476,346

¹ Included in the selling value of factory shipments.

² Additional custom chopped grains — 1957 — Flour Mills — custom-grinding receipts, \$148,935.
 1957 — Saw Mills — " " \$88,689.
 1958 — Flour Mills — " " \$170,986.
 1958 — Saw Mills — " " ..

TABLE 8. Factory Shipments, Feeds Industry Only, Canada 1957 and 1958

Products	1957		1958	
	Quantity	Selling value	Quantity	Selling value
	tons	\$	tons	\$
Concentrates:				
Calf concentrates	2,449	231,317	3,665	373,500
Dairy and cattle concentrates	110,797	8,487,214	112,269	8,770,001
Swine concentrates	108,896	10,198,048	150,334	15,224,306
Poultry concentrates, total	162,877	16,072,033	184,281	19,903,671
(a) Chick starter concentrates	10,419	1,147,829	10,854	1,263,732
(b) Broiler concentrates	18,374	2,232,691	26,209	3,430,218
(c) Growing concentrates	26,603	2,499,408	30,436	3,121,095
(d) Laying and hatching concentrates	86,667	8,074,948	90,843	9,219,693
(e) Fattening and finishing concentrates	747	75,186	1,117	122,742
(f) Turkey concentrates	15,645	1,614,215	20,091	2,208,393
(g) Other poultry concentrates	4,422	427,756	4,731	486,741
Concentrates n.e.s.	170	14,436	527	51,057
Total concentrates	385,189	35,003,048	451,076	44,271,478
Secondary or complete feeds:				
Calf feeds	28,678	2,650,835	33,262	3,187,534
Dairy and cattle feeds	383,613	25,869,689	422,733	27,449,110
Swine feeds	562,124	39,281,476	715,495	49,508,427
Poultry feeds, total	1,063,166	87,618,690	1,191,458	99,048,910
(a) Chick starter feeds	101,693	8,789,402	105,600	9,165,578
(b) Broiler feeds	220,320	19,305,173	275,323	24,613,128
(c) Growing feeds	147,905	11,555,724	156,884	12,235,074
(d) Laying and hatching feeds	431,670	34,222,151	457,018	36,234,278
(e) Fattening and finishing feeds	18,442	1,470,418	23,896	1,897,403
(f) Turkey feeds	121,741	10,333,787	151,800	12,971,617
(g) Other poultry feeds	21,395	1,942,035	20,937	1,931,832
Horse feeds	5,129	358,807	4,750	336,975
Total complete feeds	2,042,710	155,779,497	2,367,698	179,530,956
Other feeds:				
Mineral mixtures	10,822	1,149,802	12,567	1,293,440
Dog and cat foods:				
(a) Canned	51,819	9,143,157	58,950	11,564,443
(b) Biscuits	4,191	947,857	4,320	1,126,618
(c) Other (meals, etc.)	9,981	1,827,417	1	1
Fox biscuits	1,627	175,540	1,782	197,702
Other fox feeds	6,529	781,481	7,668	940,183
Mink feeds	2,937	234,716	3,604	292,698
Rabbit feeds	72	5,180	80	6,636
Goat feeds	1,849	361,843	14,885	2,496,465
All other animal feeds	94,405	6,001,897	72,794	4,706,610
Scratch feed	1	1	1	1
Hominy feed	554,694	29,113,446	557,870	28,485,716
Chopped, ground or crushed grain feed, total	554,694	29,113,446	557,870	28,485,716
(a) Wheat	68,552	3,814,281	70,432	3,945,600
(b) Oats	184,497	10,051,472	187,914	9,840,837
(c) Barley	141,308	7,545,517	152,433	7,949,365
(d) Corn	30,879	1,863,088	31,063	1,920,412
(e) Mixed	79,952	4,317,769	67,025	3,477,442
(f) Other	49,506	1,521,319	49,003	1,352,060
Other products:				
Stock and poultry tonics	—	704,558	—	2
Veterinary medicines	—	32,506	—	23,239
Legume and grass meal, dehydrated, all kinds	43,246	2,845,954	47,554	2,920,169
Legume and grass meal, sundried, all kinds	9,566	338,314	9,733	345,616
Cereal products for human consumption	3,948	454,935	2	2
All other products	10,636	1,164,611	20,063	2,902,302
Grand total, excluding custom work	3,234,221	246,065,759	3,630,844	281,104,271
Amount received for custom work, (chopping, ¹ pelleting, seed cleaning, etc.)	—	2,967,981	—	3,807,985
Total	—	249,033,740	—	284,912,256

¹ Included in "All other animal feeds". For production from all industries see tables 9 and 10.² Included in "All other products".³ See table 7 for further details.

TABLE 9. 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	68,733,715
(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	149,766	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	947,657
(c) Other (meals, etc.)	9,981	730	10,711	1,893,444
Fox biscuits	1,627	775	2,402	303,298
Other fox feeds	—	—	—	—
Mink feeds	6,529	1,706	8,235	1,074,291
Rabbit feeds	2,937	—	2,937	234,716
Goat feeds	72	—	72	5,180
All other animal feeds	1,849	4,453	6,302	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 .....	...	..	...	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	58,307	3,290,528	251,261,146

1 Included in "All other animal feeds".

TABLE 10. Factory Shipments of Feeds, All Industries, Canada, 1958

Products	Made in feeds industry	Made in other industries	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
		tons		\$
CANADA				
Concentrates:				
Calf concentrates	3,665	—	3,665	373,500
Dairy and cattle concentrates	112,269	—	112,269	8,770,001
Swine concentrates	150,334	—	150,334	15,224,306
Poultry concentrates:				
Total	184,281	—	1	1
(a) Chick starter concentrates	10,854	—	10,854	1,263,732
(b) Broiler concentrates	26,209	—	26,209	3,430,218
(c) Growing concentrates	30,436	—	30,436	3,121,095
(d) Laying and hatching concentrates	90,843	—	90,843	9,219,693
(e) Fattening and finishing concentrates	1,117	—	1,117	122,742
(f) Turkey concentrates	20,091	—	20,091	2,208,393
(g) Other poultry concentrates	4,731	—	4,731	486,741
Concentrates, n.e.s.	527	1	1	1
Total concentrates	451,076	1	1	1
Secondary or complete feeds:				
Calf feeds	33,262	481	33,743	3,233,309
Dairy and cattle feeds	422,733	3,674	426,407	27,749,672
Swine feeds	715,495	8,715	724,210	50,136,230
Poultry feeds:				
Total	1,191,458	16,359	1,207,817	100,382,626
(a) Chick starter feeds	105,600	1,895	107,495	9,327,762
(b) Broiler feeds	275,323	3,020	278,343	24,875,078
(c) Growing feeds	156,884	1,689	158,573	12,363,878
(d) Laying and hatching feeds	457,018	6,894	463,912	36,782,109
(e) Fattening and finishing feeds	23,896	106	24,002	1,905,951
(f) Turkey feeds	151,800	2,456	154,256	13,181,208
(g) Other poultry feeds	20,937	299	21,236	1,946,886
Horse feeds	4,750	—	4,750	336,976
Total complete feeds	2,367,698	29,229	2,396,927	181,838,812
Other feeds:				
Mineral mixtures	12,567	—	12,567	1,293,440
Dog and cat foods:				
(a) Canned	58,950	9,213	68,163	13,851,057
(b) Biscuits	4,320	—	4,320	1,126,618
(c) Other (meals, etc.)	1	1	11,936	2,094,235
Fox biscuits	1,782	1,001	2,783	366,419
Other fox feeds	7,868	1,725	9,593	1,310,376
Mink feeds	3,604	—	3,604	292,698
Rabbit feeds	80	—	80	6,636
Goat feeds	3,764	4,737	8,501	970,505
All other animal feeds	72,794	614	73,408	4,753,926
Scratch feeds	1	—	2	2
Hominy feed	1	—	2	2
Chopped, ground or crushed grain feed:				
Total	557,870	18,166	576,036	29,420,341
(a) Wheat	70,432	—	70,432	3,945,600
(b) Oats	187,914	—	187,914	9,840,837
(c) Barley	152,433	—	152,433	7,949,365
(d) Corn	31,063	—	31,063	1,920,412
(e) Mixed	67,025	18,166	85,191	4,412,067
(f) Other	49,003	—	49,003	1,352,060
Other products:				
Stock and poultry tonics .....	...	..	...	1
Veterinary medicines .....	...	..	...	23,239
Legume and grass meal, dehydrated, all kinds	47,554	—	47,554	2,920,100
Legume and grass meal, sundried, all kinds	9,733	—	9,733	345,616
Cereal products for human consumption	1	—	1	1
All other products	20,063	—	20,063	2,902,307
Grand total excluding custom work	3,630,844	65,779	3,696,623	287,814,092

TABLE 10. Factory Shipments of Feeds, All Industries, Canada and Provinces, 1958 - Continued

	Made in feeds industry	Made in other industries (preliminary)	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
		tons		\$
ATLANTIC PROVINCES				
Concentrates:				
Calf concentrates	4	—	4	4
Dairy and cattle concentrates	3,877	—	3,877	308,793
Swine concentrates	4	—	4	4
Poultry concentrates:				
Total	1	—	1	1
(a) Chick starter concentrates	4	—	4	4
(b) Broiler concentrates	151	—	151	17,024
(c) Growing concentrates	781	—	781	79,779
(d) Laying and hatching concentrates	1	—	1	1
(e) Fattening and finishing concentrates	1	—	1	1
(f) Turkey concentrates	4	—	4	4
(g) Other poultry concentrates	111	—	111	9,858
Concentrates, n.e.s.	4	—	4	4
Total concentrates	1	—	1	1
Secondary or complete feeds:				
Calf feeds	1,478	—	1,478	179,626
Dairy and cattle feeds	39,082	—	39,082	2,575,086
Swine feeds	27,938	—	27,938	1,958,725
Poultry feeds:				
Total	67,195	—	67,195	5,537,762
(a) Chick starter feeds	3,545	—	3,545	322,167
(b) Broiler feeds	5,001	—	5,001	482,137
(c) Growing feeds	14,910	—	14,910	1,186,122
(d) Laying and hatching feeds	41,409	—	41,409	3,349,891
(e) Fattening and finishing feeds	1,147	—	1,147	87,176
(f) Turkey feeds	1,087	—	1,087	101,942
(g) Other poultry feeds	96	—	96	8,327
Horse feeds	655	—	655	43,820
Total complete feeds	136,348	—	136,348	10,293,019
Other feeds:				
Mineral mixtures	249	—	249	20,161
Dog and cat foods:				
(a) Canned	—	—	—	—
(b) Biscuits	—	—	—	—
(c) Other (meals, etc.)	2	—	2	2
Fox biscuits	—	—	—	—
Other fox feeds	2	—	2	2
Mink feeds	2	—	2	2
Rabbit feeds	—	—	—	—
Goat feeds	—	—	—	—
All other animal feeds	937	—	937	85,836
Scratch feeds	14,830	—	14,830	954,033
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	18,947	—	18,947	1,171,155
(a) Wheat	4,071	—	4,071	258,121
(b) Oats	6,154	—	6,154	372,734
(c) Barley	5,508	—	5,508	325,782
(d) Corn	1,913	—	1,913	137,979
(e) Other (including mixed)	1,301	—	1,301	76,539
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	182,319	—	182,319	13,587,007

TABLE 10. Factory Shipments of Feeds, All Industries, Canada and Provinces, 1958 - 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	1,367	—	1,367	142,685
Dairy and cattle concentrates	26,107	—	26,107	2,018,825
Swine concentrates	43,850	—	43,850	4,418,002
Poultry concentrates:				
Total	45,526	—	45,526	5,057,775
(a) Chick starter concentrates	4,956	—	4,956	582,973
(b) Broiler concentrates	—	—	—	—
(c) Growing concentrates	6,991	—	6,991	717,004
(d) Laying and hatching concentrates	18,180	—	18,180	1,815,385
(e) Fattening and finishing concentrates	814	—	814	92,618
(f) Turkey concentrates	2,287	—	2,287	287,425
(g) Other poultry concentrates	12,298	—	12,298	1,562,370
Concentrates, n.e.s.	—	—	—	—
Total concentrates	116,850	—	116,850	11,637,287
Secondary or complete feeds:				
Calf feeds	9,653	—	9,653	896,819
Dairy and cattle feeds	192,796	—	192,796	12,535,039
Swine feeds	352,655	—	352,655	24,256,814
Poultry feeds:				
Total	336,357	—	336,357	28,692,345
(a) Chick starter feeds	40,384	—	40,384	3,520,364
(b) Broiler feeds	72,959	—	72,959	6,652,199
(c) Growing feeds	50,249	—	50,249	4,015,129
(d) Laying and hatching feeds	116,652	—	116,652	9,682,226
(e) Fattening and finishing feeds	11,700	—	11,700	936,036
(f) Turkey feeds	38,254	—	38,254	3,303,872
(g) Other poultry feeds	6,159	—	6,159	588,519
Horse feeds	1,151	—	1,151	83,572
Total complete feeds	892,612	—	892,612	66,464,589
Other feeds:				
Mineral mixtures	3,811	—	3,811	415,183
Dog and cat foods:				
(a) Canned	—	—	—	—
(b) Biscuits	—	—	—	—
(c) Other (meals, etc.)	—	—	—	—
Fox biscuits	—	—	—	—
Other fox feeds	—	—	—	—
Mink feeds	—	—	—	—
Rabbit feeds	1,132	—	1,132	96,248
Goat feeds	—	—	—	—
All other animal feeds	—	—	8,954	2,101,939
Scratch feeds	25,941	—	25,941	1,743,822
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	—	—	220,824	12,095,721
(a) Wheat	30,381	—	30,381	1,740,454
(b) Oats	72,998	—	72,998	3,959,770
(c) Barley	82,469	—	82,469	4,398,279
(d) Corn	9,888	—	9,888	612,308
(e) Other (including mixed)	—	—	25,088	1,384,910
Other products:				
Stock and poultry tonics	—	—	—	—
Veterinary medicines	—	—	—	—
Legume and grass meal, dehydrated, all kinds	—	—	—	—
Legume and grass meal, sundried, all kinds	5,174	—	5,174	183,987
Cereal products for human consumption	1,298	—	1,298	111,900
All other products	3,422	—	3,422	300,249
Grand total excluding custom work	1,273,645	6,373	1,280,018	95,150,925

TABLE 10. Factory Shipments of Feeds, All Industries, Canada and Provinces, 1958 - Continued

Products	Made in feeds industry	Made in other industries (preliminary)	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
ONTARIO				
Concentrates:				
Calf concentrates	1,796	—	1,796	180,113
Dairy and cattle concentrates	67,352	—	67,352	5,106,001
Swine concentrates	75,216	—	75,216	7,623,291
Poultry concentrates:				
Total	88,959	—	88,959	9,421,839
(a) Chick starter concentrates	3,331	—	3,331	393,386
(b) Broiler concentrates	—	—	—	—
(c) Growing concentrates	18,140	—	18,140	1,861,905
(d) Laying and hatching concentrates	46,416	—	46,416	4,643,889
(e) Fattening and finishing concentrates	—	—	—	—
(f) Turkey concentrates	6,507	—	6,507	711,202
(g) Other poultry concentrates	14,565	—	14,565	1,811,477
Concentrates, n.e.s.	359	—	359	35,695
Total concentrates	233,682	—	233,682	22,366,939
Secondary or complete feeds:				
Calf feeds	17,523	126	17,649	1,624,254
Dairy and cattle feeds	102,207	1,795	104,002	7,112,792
Swine feeds	310,559	7,786	318,345	22,048,436
Poultry feeds:				
Total	594,996	6,566	601,562	49,381,146
(a) Chick starter feeds	38,290	410	38,700	3,345,400
(b) Broiler feeds	173,315	298	173,613	15,132,544
(c) Growing feeds	73,598	1,149	74,747	5,734,350
(d) Laying and hatching feeds	208,300	4,444	212,744	16,567,143
(e) Fattening and finishing feeds	9,458	7	9,465	750,624
(f) Turkey feeds	80,438	258	80,696	6,778,560
(g) Other poultry feeds	11,597	—	11,597	1,072,525
Horse feeds	2,794	—	2,794	197,080
Total complete feeds	1,028,079	16,273	1,044,352	80,363,708
Other feeds:				
Mineral mixtures	5,147	—	5,147	539,056
Dog and cat foods:				
(a) Canned	—	—	43,359	9,124,920
(b) Biscuits	3,628	—	3,628	941,647
(c) Other (meals, etc.)	—	—	8,191	1,541,888
Fox biscuits	—	—	—	—
Other fox feeds	1,364	—	1,364	149,258
Mink feeds	—	—	3,296	378,425
Rabbit feeds	890	—	890	72,648
Goat feeds	—	—	—	—
All other animal feeds	761	1,006	1,767	118,940
Scratch feeds	24,667	569	25,236	1,573,545
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	238,900	10,960	249,860	12,575,069
(a) Wheat	25,862	—	25,862	1,444,460
(b) Oats	91,480	—	91,480	4,672,998
(c) Barley	51,004	—	51,004	2,598,111
(d) Corn	16,463	—	16,463	962,573
(e) Other (including mixed)	54,091	10,960	65,051	2,896,927
Other products:				
Stock and poultry tonics	—	—	—	—
Veterinary medicines	—	—	—	—
Legume and grass meal, dehydrated, all kinds	25,350	—	25,350	1,467,968
Legume and grass meal, sundried, all kinds	3,916	—	3,916	135,787
Cereal products for human consumption	—	—	—	—
All other products	13,019	—	13,019	2,213,370
Grand total excluding custom work	1,630,675	32,382	1,663,057	133,563,168

TABLE 10. Factory Shipments of Feeds, All Industries, Canada and Provinces, 1958 - 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	391	—	391	39,061
Dairy and cattle concentrates	14,438	—	14,438	1,295,841
Swine concentrates	28,072	—	28,072	2,844,061
Poultry concentrates:				
Total	45,725	—	45,725	4,936,067
(a) Chick starter concentrates	2,190	—	2,190	245,646
(b) Broiler concentrates	4,066	—	4,066	536,210
(c) Growing concentrates	4,524	—	4,524	462,407
(d) Laying and hatching concentrates	23,782	—	23,782	2,498,074
(e) Fattening and finishing concentrates	128	—	128	13,252
(f) Turkey concentrates	10,998	—	10,998	1,176,143
(g) Other poultry concentrates	37	—	37	4,335
Concentrates, n.e.s.	1	1	285	28,925
Total concentrates	88,626	—	88,911	9,143,953
Secondary or complete feeds:				
Calf feeds	1	1	3,884	355,299
Dairy and cattle feeds	1	1	26,910	1,632,319
Swine feeds	20,274	929	21,203	1,583,572
Poultry feeds:				
Total	1	1	78,022	6,370,131
(a) Chick starter feeds	1	1	20,487	1,734,920
(b) Broiler feeds	1	1	6,730	597,150
(c) Growing feeds	1	1	6,822	502,303
(d) Laying and hatching feeds	1	1	21,829	1,611,055
(e) Fattening and finishing feeds	1	1	978	75,801
(f) Turkey feeds	1	1	20,313	1,796,840
(g) Other poultry feeds	1	1	863	52,358
Horse feeds	1	—	1	1
Total complete feeds (except horse)	117,063	12,956	130,019	9,941,321
Other feeds:				
Mineral mixtures	3,279	—	3,279	310,246
Dog and cat foods:				
(a) Canned	1	1	6,354	1,152,475
(b) Biscuits	1	—	—	—
(c) Other (meals, etc.)	1,421	—	1,421	174,741
Fox biscuits	1	1	897	151,365
Other fox feeds	1	1	4,627	740,474
Mink feeds	1	1	4,627	740,474
Rabbit feeds	934	—	934	73,847
Goat feeds	—	—	—	—
All other animal feeds	1	1	3,927	446,067
Scratch feeds	1	1	3,424	212,199
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	1	1	69,203	2,561,560
(a) Wheat	6,906	—	6,906	301,122
(b) Oats	11,263	—	11,263	492,298
(c) Barley	9,034	—	9,034	386,934
(d) Corn	522	—	522	30,008
(e) Other (including mixed)	1	1	41,478	1,351,198
Other products:				
Stock and poultry tonics .....	...	..	...	1
Veterinary medicines	—	—	—	—
Legume and grass meal, dehydrated, all kinds	8,996	—	8,996	503,127
Legume and grass meal, sundried, all kinds	533	—	533	21,447
Cereal products for human consumption	—	—	—	—
All other products	3,621	—	3,621	370,684
Grand total excluding custom work	299,282	26,864	326,146	25,803,603

See footnotes page 19.

TABLE 10. Factory Shipments of Feeds, All Industries, Canada and Provinces, 1958 - 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	5	—	5	5
Dairy and cattle concentrates	495	—	495	40,541
Swine concentrates	5	—	5	5
Poultry concentrates:				
Total	1	—	1	1
(a) Chick starter concentrates	1	—	1	1
(b) Broiler concentrates	—	—	—	—
(c) Growing concentrates	—	—	—	—
(d) Laying and hatching concentrates	1	—	1	1
(e) Fattening and finishing concentrates	—	—	—	—
(f) Turkey concentrates	1	—	1	1
(g) Other poultry concentrates	1	—	1	1
Concentrates, n.e.s.	159	—	159	20,393
Total concentrates	1	—	1	1
Secondary or complete feeds:				
Calf feeds	1,079	—	1,079	177,311
Dairy and cattle feeds	63,617	—	63,617	3,894,436
Swine feeds	4,069	—	4,069	288,683
Poultry feeds:				
Total	124,681	—	124,681	10,401,242
(a) Chick starter feeds	4,379	—	4,379	404,911
(b) Broiler feeds	20,040	—	20,040	2,011,045
(c) Growing feeds	11,845	—	11,845	925,571
(d) Laying and hatching feeds	71,278	—	71,278	5,571,954
(e) Fattening and finishing feeds	712	—	712	62,311
(f) Turkey feeds	13,906	—	13,906	1,200,489
(g) Other poultry feeds	2,521	—	2,521	224,961
Goat feeds	93	—	93	8,126
Total complete feeds	193,539	—	193,539	14,769,798
Other feeds:				
Mineral mixtures	1	—	1	1
Dog and cat foods:				
(a) Canned	1	—	1	1
(b) Biscuits	1	—	1	1
(c) Other (meals, etc.)	1,811	—	1,811	295,989
Fox biscuits	—	—	—	—
Other fox feeds	—	1	1	1
Mink feeds	1	—	1	1
Rabbit feeds	648	—	648	49,955
Goat feeds	80	—	80	6,636
All other animal feeds	1	—	14,901	2,328,417
Scratch feeds	3,977	—	3,977	270,327
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	17,202	—	17,202	1,016,836
(a) Wheat	3,212	—	3,212	201,443
(b) Oats	6,019	—	6,019	343,037
(c) Barley	4,418	—	4,418	240,259
(d) Corn	2,277	—	2,277	177,544
(e) Other (including mixed)	1,276	—	1,276	54,553
Other products:				
Stock and poultry tonics	—	—	—	—
Veterinary medicines	—	—	—	—
Legume and grass meal, dehydrated, all kinds	11,639	—	11,639	849,774
Legume and grass meal, sundried, all kinds	1	—	1	1
Cereal products for human consumption	—	—	—	—
All other products	1	—	382	32,938
Grand total excluding custom work	1	1	245,083	19,709,389

1 Included in column 3 and group or grand total.

2 Included in "All other animal feeds".

3 Included in "All Other Products".

4 Included in "Other Poultry Concentrates".

5 Included in "Concentrates, n.e.s.".

TABLE 11. Materials Used in the Feeds Industry, 1957 and 1958

Principal materials ¹	1957		1958	
	Quantity	Cost at plant	Quantity	Cost at plant
	tons	\$	tons	\$
Wheat	494,311	24,384,775	576,880	27,914,213
Oats	519,533	24,893,325	545,553	25,357,490
Corn	218,614	11,550,061	228,348	11,931,284
Barley	483,027	22,324,000	582,666	26,399,286
Buckwheat	3,410	169,613	3,913	191,526
Mixed grains	31,048	1,454,217	44,557	1,905,148
Other grains, all kinds	22,279	1,100,209	13,397	626,876
Screenings	128,724	3,797,254	125,865	3,779,411
Wheat flour (feed etc.)	12,542	818,472	10,041	637,484
Bran, shorts, and middlings	307,297	14,369,818	338,163	15,632,395
Oatmeal, oat middlings, oat groats	14,241	955,621	13,262	894,545
Wheat germ	2,989	208,668	2,570	173,841
Corn (grits, meal, cracked and germ)	4,596	290,041	1,688	113,935
Hominy feed	6,066	319,153	5,439	271,422
Gluten feed and meal	20,516	1,109,455	19,058	1,094,169
Cereal feed	1,945	143,738	2,186	163,914
Cottonseed oil cake and meal	579	38,883	1,987	137,080
Cocoonut or copra oil cake and meal	2,076	113,975	793	48,948
Linseed oil cake and meal	20,884	1,452,758	23,475	1,643,721
Soybean oil cake and meal	256,117	16,233,971	338,375	23,741,628
Oil cake meals, not specified	25,195	1,483,550	13,116	791,627
Legumes and grasses (for dehydrated meal)	49,159	1,188,831	48,480	981,781
Legumes and grasses (for sundried meal)	10,176	187,634	11,087	198,070
Legume and grass meal, dehydrated	39,778	2,870,698	49,660	3,395,481
Legume and grass meal, sundried	12,857	585,829	11,136	496,900
Fish meal	28,395	3,981,402	32,914	4,839,754
Cod liver meal	114	37,999	1,110	190,177
Fish oils, all kinds	3,668	957,196	3,463	912,706
Blood meal	3,789	329,279	5,231	556,169
Bone meal	7,584	560,523	6,416	493,731
Bone char	484	28,388	631	36,988
Lung and liver meal	2,676	250,041	552	66,893
Meat meal	67,266	5,346,331	80,785	7,365,625
Raw meat (horse, etc.)	7,037	799,912	10,882	1,288,358
Tankage	26,120	1,882,657	18,989	1,526,888
Milk, buttermilk, whey, etc., powdered	11,184	1,673,191	12,978	1,959,455
Molasses	49,809	2,241,659	49,192	1,970,888
Beet pulp	6,798	386,774	5,867	344,378
Oyster and clam shell	4,652	117,250	4,187	111,538
Limestone (calcium carbonate)	35,669	338,294	41,789	457,183
Grit and gravel	2,875	55,892	2,166	42,551
Salt	22,662	561,953	25,764	622,106
Antibiotics	979	1,405,571	1,814	2,415,646
Mixed concentrates and supplements:				
(a) Calf	2,509	245,054	2,620	276,251
(b) Dairy and cattle	31,914	2,733,654	32,887	2,822,143
(c) Swine	57,902	5,349,376	69,169	6,873,361
(d) Poultry	76,165	7,509,778	79,754	8,444,174
(e) Other	186	15,256	404	37,755
Mineral mixtures	2,765	358,081	3,612	523,557
Rock phosphate	24,234	1,806,591	29,766	2,411,345
Vitamins and vitamin compounds	3,188	1,967,048	4,024	2,718,010
Urea	3,721	396,431	4,380	461,834
Brewers' and distillers' grains	22,544	1,170,179	22,406	1,245,468
Malt sprouts	6,331	296,701	7,693	319,652
Rice meal and rice feed	3,551	143,990	3,608	131,376
Yeast	1,101	242,823	1,109	243,534
Seeds (clover, sunflower, millet, etc.)	937	149,066	1,194	117,735
Containers and packaging material	—	9,901,557	—	10,752,691
All other materials	21,726	3,035,452	38,781	5,869,345
Operating maintenance and repair supplies	—	1,720,989	—	2,289,337
Amount paid out to others for work done on materials owned by this plant	—	210,555	—	224,413
Total²	3,228,294	190,251,422	3,617,832	219,485,186

¹ Does not include grains for custom chopping.² Does not include office supplies used which amounted to \$286,257 in 1957 and \$319,614 in 1958.

TABLE 12. Employees, Salaries and Wages, by Provinces, 1957 and 1958

	Average					Salaries and wages		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
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	143,981	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	14,096,809	21,429,875
1958								
Newfoundland and Prince Edward Island	23	3	38	2	66	46,274	72,722	118,996
Nova Scotia	21	10	91	—	122	97,979	203,443	301,422
New Brunswick	39	14	136	—	189	144,327	338,363	482,690
Quebec	631	201	1,805	13	2,650	2,447,268	4,883,609	7,330,877
Ontario	988	266	2,490	61	3,805	3,996,061	7,391,496	11,387,557
Manitoba	70	6	166	2	244	241,109	505,110	746,219
Saskatchewan	21	9	60	2	92	93,929	179,312	273,241
Alberta	98	18	230	6	352	414,610	712,182	1,126,792
British Columbia	95	62	436	34	627	750,719	1,538,855	2,289,574
Canada	1,986	589	5,452	120	8,147	8,232,276	15,825,092	24,057,368

TABLE 13. Production Workers, by Months, 1958

Months	Establishments reporting monthly detail ¹		Establishments not reporting monthly detail ¹		All establishments		
	Male	Female	Male	Female	Male	Female	Total
	number						
January	3,731	119					
February	3,756	111					
March	3,830	112					
April	3,874	110					
May	3,977	109	1,494	10	5,471	119	5,590
June	4,100	115					
July	4,104	114					
August	4,098	112					
September	4,112	114					
October	4,048	122					
November	3,948	113					
December	3,946	108					
Average					5,452	120	5,572

¹ The long form (mailed to establishments with value of shipments \$100,000 and over) contained a table for reporting the number of production workers employed during each month of 1958. Smaller establishments and franchise mixers receiving the intermediate form were only required to report the number of their employees working during the last pay period of May, 1958.

TABLE 14. Exports of Feeds, 1957 and 1958

Articles exported	1957		1958	
	Quantity	Value	Quantity	Value
	tons	\$	tons	\$
Mixed feeds	11,666	869,586	9,554	733,529
Oat feed, ground	25,270	623,864	19,342	534,940
Fodders, n.o.p.	62,343	2,823,469	81,727	2,839,777

TABLE 15. Fuel Consumption, 1958

	Quantity	Cost value at factory
\$		
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) Canadian	ton 1,087	14,296
(b) Imported	" 5,448	64,300
Sub-bituminous coal (from Alberta mines only)	" 783	6,060
Anthracite coal	" 410	8,000
Lignite coal	" 2,617	13,379
Coke	" 274	7,102
Gasoline	imp. gal. 2,164,909	824,047
Fuel oil (including kerosene)	" 3,626,707	475,038
Wood	cord 158	1,683
Gas: (manufactured, natural, propane, etc.)	—	142,168
Other fuel (kind and quantity not stated)	—	660
Electricity purchased	kwh. 86,474,023	1,369,361
Steam purchased	lb. 48,191,700	71,455
2. Establishments not reporting commodity detail: ¹		
Total cost of fuel .....	...	436,903
Electricity purchased .....	..	691,229
3. All establishments:		
Total cost of fuel .....	...	2,065,091
Total cost of electricity .....	...	2,060,590
Total cost of fuel and electricity .....	...	4,125,681

¹ Data on the quantity and value of the different kinds of fuel and on the quantity of electricity purchased were generally not collected for establishments reporting value of shipments of less than \$100,000. Only the total cost of fuel and the total cost of electricity were collected for these establishments.

TABLE 16. Power Equipment in Use or Available for Use, 1958

Type of equipment	Driving generators	Not driving generators
	horsepower	
Steam engines	—	205
Steam turbines	—	—
Diesel engines	750	19,284
Gasoline, gas and oil engines	78	6,829
Hydraulic turbines or water wheels	107	6,810
Total	935	33,128
Electric motors, all kinds, one-quarter horsepower and over	—	101,134

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