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CANADA

THE FEEDS INDUSTRY 1956



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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, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- 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, 25¢
- B — The Slaughtering and Meat Packing Industries, 25¢
- C — The Dairy Products Industry, 25¢
- D — The Fish Processing Industry, 25¢
- E — The Fruit and Vegetable Preparations Industry, 25¢
- F — The Flour Milling Industry, 25¢
- G — The Prepared Breakfast Foods Industry, 25¢
- H — The Feeds Industry, 25¢
- I — The Biscuit Industry, 25¢
- J — The Bread and Other Bakery Products Industry, 25¢
- K — The Carbonated Beverages Industry, 25¢
- L — The Distilling Industry, 25¢
- M — The Brewing Industry, 25¢
- N — The Wine Industry, 25¢
- O — The Confectionery Industry, 25¢
- P — The Sugar Refining Industry, 25¢
- Q — The Macaroni and Kindred Products Industry, 25¢
- R — The Miscellaneous Food Preparations Industry, 25¢
- S — The Canned Foods Summary, 25¢

THE FEEDS INDUSTRY

1956

Previous to the publication of this 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 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 constitute 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 the 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 7. Principal statistics of the industries as broken down previous to 1953 are provided in Table 1(b) and 1(c).

The increasing importance of the Feeds Industry is shown by its spectacular development during the Second World War. In 1947 the gross value of production was reported as \$149,678,978, almost eight times the gross value of the 1939 production of \$17,030,455. Following the close of World War II, the gross value of production continued to increase, but the annual increases were much smaller than

those which occurred during the war era. In 1956 the value of shipments from plants amounted to \$250,957,806 and reflected the peak period.

The present report covers 1,391 establishments, an increase of 17 plants from those in 1955. Employment increased in 1956 to 8,229 male and female employees from 7,912 employees in the previous year. With the increase in number of employees went an increase in salaries and wages from \$19,353,425 in 1955 to \$20,670,213 in 1956. The increase is also noticeable in the value of shipments from \$215,847,797 in 1955 to \$250,957,806 in 1956 and in the cost of materials from \$167,710,257 to \$194,336,685.

In Table 1(a), 1(b) and 1(c), a column on "Value Added by Manufacture" is included. The method of arriving at these figures is as follows: in 1952 and previous years - value of production minus the cost of materials, fuel and electricity; in 1953, since value of products was not available, value of ship-

ments was used; 1954 and subsequent years - value of production minus cost of materials, fuel and electricity. The value of production was computed thus: 1954 and 1955 - value of shipments minus opening inventory of finished goods plus closing inventory of finished goods; 1956 - value of shipments minus opening inventory of finished goods and goods-in-process plus closing inventory of finished goods and goods-in-process.

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.

Concentrated feeds produced in 1956 totalled 343,650 tons compared with 288,165 tons in 1955 and complete livestock feeds were 2,002,963 tons in 1956 and 1,720,191 tons in 1955.

TABLE 1(a). Principal Statistics of the Feeds Industry, 1931-1956¹

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

	Estab- lishments	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
Canada:							
1931	931	1,580	1,200,194	264,080	3,558,625	2,435,794	6,258,499
1932	933	1,636	1,148,961	265,987	3,511,342	2,169,459	5,947,288
1933	959	1,839	1,294,968	308,282	4,198,393	2,117,592	6,624,267
1934	921	1,884	1,272,835	309,130	5,348,816	3,111,266	7,769,212
1935	842	1,991	1,523,373	331,864	6,544,296	2,771,684	9,647,844
1936	849	2,077	1,670,515	359,059	9,742,888	3,612,409	13,714,356
1937	847	2,252	1,879,683	362,380	12,831,691	4,083,056	17,277,127
1938	883	2,509	2,181,866	393,276	11,753,063	4,054,642	16,200,981
1939	868	2,669	2,466,615	450,003	11,945,321	4,835,131	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	3,824	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	164,376,981	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:							
Prince Edward Island	17	65	104,783	17,887	1,105,862	270,950	1,392,598
Nova Scotia	15	98	186,987	38,984	3,423,330	733,136	4,185,107
New Brunswick	22	218	476,405	94,129	5,873,680	882,362	6,857,284
Quebec	383	2,138	4,993,175	938,822	56,670,232	12,575,438	70,149,310
Ontario	755	3,972	9,604,455	1,960,254	74,617,086	22,261,864	98,599,226
Manitoba	46	248	627,029	125,747	6,221,499	1,489,430	7,849,721
Saskatchewan	15	83	229,038	42,870	1,800,931	717,289	2,357,090
Alberta	82	318	818,009	160,679	6,072,157	1,923,744	8,185,636
British Columbia	39	772	2,313,544	326,192	11,925,480	3,537,005	16,271,825
Canada	1,374	7,812	19,353,425	3,695,564	167,710,257	44,381,218	215,847,787
1956:							
Prince Edward Island	19	72	125,644	21,516	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	1,113,628	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	10,389,320	2,098,644	89,915,022	27,327,765	119,053,105
Manitoba	46	266	707,889	104,723	6,259,350	1,846,591	8,178,583
Saskatchewan	15	70	193,267	40,357	1,702,466	366,863	2,117,755
Alberta	83	333	840,220	145,454	6,788,686	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	20,870,213	3,995,697	194,336,685	53,397,437	250,957,806

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 1951 and preceding years. The selling value of factory shipments was not introduced until 1952.

TABLE 1(b). Principal Statistics of Firms classified as Chopping Mills, 1931-1956¹
 (Included in Table 1(a))

	Estab- lishments No.	Employees No.	Salaries and wages \$	Cost of fuel and electricity \$	Cost at plant of materials used \$	Value added by manufacture \$	Selling value of factory shipments ² \$
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	451,887	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	21,212,681
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

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, 1931-1956¹
 (Included in Table 1(a))

	Estab- lishments No.	Employees No.	Salaries and wages \$	Cost of fuel and electricity \$	Cost at plant of materials used \$	Value added by manufacture \$	Selling value of factory shipments ² \$
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	12,179,857	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

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

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

TABLE 2. Principal Statistics classified According to Size of Establishments, 1955-1956

Establishments having a production of	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
1955						
Under \$50,000	736	1,336	1,841,271	571,882	8,860,218	12,363,482
\$ 50,000 to 99,999	240	1,028	2,076,545	568,147	13,263,853	17,109,542
\$ 100,000 to 199,999	214	1,336	2,911,467	772,787	23,919,509	30,436,184
\$ 200,000 to 499,999	109	1,165	3,013,108	615,147	27,553,907	34,748,608
\$ 500,000 to 999,999	39	907	2,646,175	471,160	20,575,082	27,309,298
\$1,000,000 to 4,999,999	31	1,515	4,579,476	521,120	48,229,098	61,240,192
\$5,000,000 and over	5	618	2,250,605	175,321	25,308,590	32,640,491
Head offices	-	7	34,777	-	-	-
Total	1,374	7,912	19,353,425	3,695,564	167,710,257	215,847,797
1956						
Under \$50,000	682	1,292	1,836,536	560,787	8,465,999	12,107,046
\$ 50,000 to 99,999	269	1,098	2,130,347	640,829	14,955,235	19,303,002
\$ 100,000 to 199,999	221	1,274	2,809,867	682,011	24,276,228	30,996,052
\$ 200,000 to 499,999	130	1,237	3,168,698	722,798	31,026,923	38,654,171
\$ 500,000 to 999,999	46	943	2,729,294	468,783	23,188,907	30,869,984
\$1,000,000 to 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

TABLE 3. Principal Statistics Classified by Number of Employees per Establishment, 1955-1956

Employment groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
1955						
Under 5	930	1,893	3,084,961	992,362	24,327,561	31,553,788
5-14	350	2,537	5,874,553	1,315,176	48,897,516	61,539,599
15-49	80	1,962	5,572,801	1,002,809	51,430,551	57,602,323
50-99	7	475	1,500,075	119,493	17,147,250	20,809,590
100-199	7	1,038	3,286,258	265,724	25,907,379	34,342,497
Head offices	-	7	34,777	-	-	-
Total	1,374	7,912	19,353,425	3,695,564	167,710,257	215,847,797
1956						
Under 5	927	2,013	3,472,165	1,100,474	28,447,599	36,973,192
5-14	372	2,683	6,311,383	1,385,468	56,925,313	71,550,737
15-49	79	2,096	6,002,098	1,101,971	59,054,684	76,995,072
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

TABLE 4. Principal Statistics Classified According to Type of Ownership, 1955-1956

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$
1955						
Individual ownership	693	1,827	3,200,252	929,336	26,530,608	33,385,565
Partnership	186	683	1,232,983	334,898	10,595,822	13,278,776
Incorporated companies	295	3,905	11,371,155	1,758,058	98,805,073	129,250,268
Co-operatives	200	1,497	3,549,035	673,272	31,778,754	39,933,188
Total	1,374	7,912	19,353,425	3,695,564	167,710,257	215,847,797
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

FOODS AND BEVERAGES

TABLE 5. Inventories, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
Opening inventory ¹ :	\$	\$	\$	\$
Canada.....	14,390,283	736,891	5,938,188	21,063,362
Prince Edward Island	149,042	4,236	16,726	170,004
Nova Scotia.....	282,449	651	32,063	315,163
New Brunswick.....	415,388	5,936	157,787	579,111
Quebec.....	4,655,790	339,823	1,225,506	6,221,119
Ontario.....	6,272,539	227,625	3,086,220	9,586,384
Manitoba.....	788,843	12,778	190,732	992,353
Saskatchewan.....	205,449	37,926	281,395	524,770
Alberta.....	381,712	103,325	312,373	797,410
British Columbia.....	1,239,071	4,591	635,386	1,879,048
Closing inventory:				
Canada.....	16,660,135	622,036	6,825,056	24,107,227
Prince Edward Island	164,326	7,077	16,109	187,512
Nova Scotia.....	309,228	1,063	45,627	355,918
New Brunswick.....	432,534	7,458	166,258	606,250
Quebec.....	4,982,436	202,128	1,594,609	6,779,173
Ontario.....	7,811,482	261,062	3,341,109	11,413,653
Manitoba.....	855,911	13,419	222,172	1,091,502
Saskatchewan.....	234,647	25,489	285,763	545,899
Alberta.....	446,531	93,911	417,350	957,792
British Columbia.....	1,423,040	10,429	736,059	2,169,528

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, 1951-1956¹
(Thousands of dollars)

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
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	5,914
1954.....	1,531	2,629	4,160	586	1,766	2,352	2,117	4,395	6,514
1955.....	1,795	3,534	5,329	620	1,761	2,381	2,415	5,295	7,710
1956.....	1,896	2,569	4,465	503	1,752	2,255	2,399	4,321	6,720

1. Prepared in General Assignments Division.

TABLE 7. Custom Chopping and Grinding in the Feeds Industry, 1955-1956
(Includes Chopping Mills and Prepared Feed Mills)

	Wheat	Oats	Barley	Mixed grains	Other grains	Total	Amount received for custom work ¹
							\$
1955²							
Prince Edward Island	226	1,115	438	3,697	2,800	8,276	27,312
Nova Scotia.....	16	3,033	454	879	—	4,382	14,183
New Brunswick.....	793	2,915	509	5,760	6	9,983	28,438
Quebec.....	4,875	87,754	25,746	47,878	2,636	168,889	545,093
Ontario.....	75,013	174,271	68,232	312,535	25,966	654,017	1,577,304
Manitoba.....	51	8,541	5,881	5,980	—	20,453	45,401
Saskatchewan.....	633	275	508	3,042	—	4,458	14,455
Alberta.....	16,405	14,197	21,941	43,212	—	95,755	208,634
British Columbia.....	291	3,772	397	—	—	4,460	13,206
Canada.....	98,303	295,873	122,106	422,983	31,408	970,673	2,474,026
1956²							
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

1. Included in the selling value of factory shipments.

2. Additional custom chopped grains - 1955 - Flour mills - custom charges \$123,024
1955 - Saw Mills - custom charges \$79,466
1956 - Flour Mills - custom charges \$137,016
1956 - Saw Mills - custom charges \$60,767.

TABLE 8. Factory Shipments, Canada 1955 and 1956

Products	1955		1956	
	Quantity	Selling value	Quantity	Selling value
			tons	\$
Concentrates:				
Calf concentrates	1,811	185,375	2,032	202,547
Dairy and cattle concentrates	65,869	5,252,559	86,016	6,696,282
Swine concentrates	92,695	8,978,820	98,786	9,293,984
Poultry concentrates, total	126,640	13,270,025	155,567	15,960,705
(a) Chick starter concentrates	8,520	891,796	11,269	1,262,992
(b) Broiler concentrates	12,089	1,591,827	17,556	2,194,343
(c) Growing concentrates	21,950	2,229,470	27,692	2,635,066
(d) Laying and hatching concentrates	73,733	7,397,983	82,355	8,103,646
(e) Fattening and finishing concentrates	764	104,699	1,036	105,203
(f) Turkey concentrates	5,853	641,342	10,642	1,130,509
(g) Other poultry concentrates	3,731	412,908	5,017	528,946
Concentrates n.e.s.	755	82,795	359	32,825
Total concentrates	287,770	27,769,574	342,760	32,186,343
Secondary or complete feeds:				
Calf feeds	24,964	2,514,461	23,861	2,271,354
Dairy and cattle feeds	336,193	22,785,155	386,017	26,520,750
Swine feeds	474,395	33,435,028	529,335	37,925,713
Poultry feeds, total	861,943	71,970,849	1,038,151	87,305,071
(a) Chick starter feeds	94,266	8,172,818	107,334	9,373,151
(b) Broiler feeds	118,135	10,754,931	190,709	17,281,738
(c) Growing feeds	140,627	11,041,593	167,827	13,403,134
(d) Laying and hatching feeds	374,223	30,321,134	399,700	32,133,513
(e) Fattening and finishing feeds	22,245	1,706,997	19,853	1,606,167
(f) Turkey feeds	94,137	8,366,013	129,827	11,462,368
(g) Other poultry feeds	18,310	1,607,363	22,901	2,045,000
Other feeds	—	—	—	—
Total complete feeds	1,697,495	130,705,493	1,977,364	154,022,888
Other feeds:				
Mineral mixtures	9,097	879,738	9,574	994,706
Dog and cat foods:				
(a) Canned	42,365	7,572,754	46,767	8,560,535
(b) Biscuits	3,576	783,610	4,101	883,671
(c) Other (meals, etc.)	8,589	1,709,072	9,653	1,811,079
Fox biscuits	1,294	140,056	1,335	144,802
Other fox feeds				
Mink feeds	6,692	816,695	6,761	797,502
Rabbit feeds	2,940	252,210	2,895	238,414
Goat feeds	94	7,530	83	6,669
Feeds for other animals	7,687	777,661	7,365	935,325
Scratch feed	94,068	6,346,794	95,911	6,546,424
Hominy feed	1,541	81,153	121	7,930
Chopped, ground or crushed grain feed, total	528,288	29,508,198	623,232	35,531,371
(a) Wheat	57,981	3,449,644	79,082	4,701,369
(b) Oats	179,550	10,372,873	211,135	12,406,427
(c) Barley	137,390	7,904,449	151,014	6,706,075
(d) Corn	30,254	1,896,591	33,295	2,127,217
(e) Mixed	71,236	4,047,106	90,130	5,320,364
(f) Other	51,877	1,837,535	58,576	2,269,919
Other products:				
Stock and poultry tonics	—	714,291	—	680,151
Veterinary medicines	—	38,104	—	25,105
Legume and grass meal, dehydrated, all kinds	42,444	2,911,698	46,436	3,082,467
Legume and grass meal, sundried, all kinds	14,006	482,187	9,700	328,169
Cereal products for human consumption	2,042	216,167	4,476	405,665
All other products	12,466	1,463,351	11,434	1,196,620
Total, excluding custom work	2,762,454	213,176,336	3,199,968	248,385,836
Amount received for custom chopping ²	—	2,671,461	—	2,571,970
Total	—	215,847,797	—	250,957,806

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, 1955

Products	Made in feeds industries	Made in other industries	Total shipments	
	Quantity tons	Quantity tons	Quantity tons	Selling value at plant \$
CANADA				
Concentrates:				
Calf concentrates	1, 811	—	1, 811	185, 375
Dairy and cattie concentrates	65, 869	—	65, 869	5, 252, 559
Swine concentrates	92, 695	—	92, 695	8, 978, 820
Poultry concentrates:				
Total	126, 640	—	126, 640	13, 270, 025
(a) Chick starter concentrates	8, 520	—	8, 520	891, 796
(b) Broiler concentrates	12, 089	—	12, 089	1, 591, 827
(c) Growing concentrates	21, 950	—	21, 950	2, 229, 470
(d) Laying and hatching concentrates	73, 733	—	73, 733	7, 397, 983
(e) Fattening and finishing concentrates	764	—	764	104, 699
(f) Turkey concentrates	5, 853	—	5, 853	641, 342
(g) Other poultry concentrates	3, 731	—	3, 731	412, 908
Concentrates, n.e.s.	755	395	1, 150	122, 752
Total concentrates	287, 770	395	288, 165	27, 809, 531
Secondary or complete feeds:				
Calf feeds	24, 964	308	25, 272	2, 548, 300
Dairy and cattle feeds	336, 193	2, 453	338, 646	22, 948, 981
Swine feeds	474, 395	8, 054	482, 449	33, 984, 016
Poultry feeds:				
Total	861, 943	11, 881	873, 824	72, 928, 032
(a) Chick starter feeds	94, 266	1, 049	95, 315	8, 264, 738
(b) Broiler feeds	118, 135	1, 491	119, 626	10, 902, 962
(c) Growing feeds	140, 627	1, 814	142, 441	11, 174, 669
(d) Laying and hatching feeds	374, 223	6, 845	381, 068	30, 844, 873
(e) Fattening and finishing feeds	22, 245	184	22, 429	1, 720, 498
(f) Turkey feeds	94, 137	424	94, 561	8, 405, 962
(g) Other poultry feeds	18, 310	74	18, 384	1, 614, 330
Total complete feeds	1, 697, 495	22, 696	1, 720, 191	132, 409, 329
Other feeds:				
Mineral mixtures	9, 097	—	9, 097	879, 738
Dog and cat foods:				
(a) Canned	42, 365	3, 047	45, 412	8, 255, 084
(b) Biscuits	3, 576	959	4, 535	868, 920
(c) Other (meals, etc.)	8, 589	40	8, 629	1, 713, 335
Fox biscuits	1, 294	2, 105	3, 399	462, 369
Other fox feeds				
Mink feeds	6, 692	3, 059	9, 751	1, 388, 257
Rabbit feeds	2, 940	—	2, 940	252, 210
Goat feeds	94	—	94	7, 530
Feeds for other animals	7, 687	2, 236	9, 923	1, 243, 424
Scratch feeds	94, 068	878	94, 946	6, 403, 008
Hominy feed	1, 541	—	1, 541	81, 153
Chopped, ground or crushed grain feed:				
Total	528, 288	21, 541	549, 829	30, 678, 969
(a) Wheat	57, 981	—	57, 981	3, 449, 644
(b) Oats	179, 550	—	179, 550	10, 372, 873
(c) Barley	137, 390	—	137, 390	7, 904, 449
(d) Corn	30, 264	—	30, 254	1, 896, 591
(e) Mixed	71, 236	21, 541	92, 777	5, 217, 877
(f) Other	51, 877	—	51, 877	1, 837, 535
Other products:				
Stock and poultry tonics	Value only " "	not available " "	Value only " "	714, 291 38, 104
Veterinary medicines	" "	" "	" "	
Legume and grass meal, dehydrated, all kinds	42, 444	—	42, 444	2, 911, 698
Legume and grass meal, sundried, all kinds	14, 006	—	14, 006	482, 187
Cereal products for human consumption	2, 042	—	2, 042	216, 167
All other products	12, 466	269	12, 735	1, 507, 950
Total excluding custom work	2, 762, 454	57, 225	2, 819, 679	218, 323, 254

1. Included in Feeds for Other Animals.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1956

Products	Made in feeds industries	Made in other industries	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
	tons	tons	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
Total complete feeds	1,977,364	25,599	2,002,963	155,929,111
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				
Mink feeds	6,761	3,665	10,426	1,305,622
Rabbit feeds.....	2,895	—	2,895	238,414
Goat feeds	83	—	83	6,669
Feeds for other animals	7,365	5,639	13,004	1,381,819
Scratch feeds	95,911	907	96,818	6,599,010
Hominy feed	121	—	121	7,930
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
Total, excluding custom work	3,199,968	67,698	3,267,666	234,549,628

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1956 — Continued

Products	Made in feeds industries	Made in other industries	Total shipments	
	Quantity	Quantity	Quantity	Selling Value at plant
	tons	tons	tons	\$
MARITIME PROVINCES				
Concentrates:				
Calf concentrates	40	—	40	3,397
Dairy and cattle concentrates	2,864	—	2,864	244,780
Swine concentrates	2,505	—	2,505	254,179
Poultry concentrates:				
Total	3,831	—	3,831	423,815
(a) Chick starter concentrates	365	—	365	53,416
(b) Broiler concentrates	106	—	106	13,471
(c) Growing concentrates	786	—	736	80,421
(d) Laying and hatching concentrates	2,375	—	2,375	253,607
(e) Fattening and finishing concentrates	40	—	40	4,093
(f) Turkey concentrates	107	—	107	13,614
(g) Other poultry concentrates	52	—	52	5,193
Concentrates, n.e.s.	47	—	47	2,450
Total concentrates	9,287	—	9,287	929,121
Secondary or complete feeds:				
Calf feeds	993	—	993	91,748
Dairy and cattle feeds	41,098	—	41,098	2,648,040
Swine feeds	26,333	—	26,833	1,943,679
Poultry feeds:				
Total	58,617	—	58,617	4,754,230
(a) Chick starter feeds	4,302	—	4,302	374,402
(b) Broiler feeds	1,645	—	1,645	149,172
(c) Growing feeds	14,655	—	14,655	1,158,914
(d) Laying and hatching feeds	36,025	—	36,025	2,898,217
(e) Fattening and finishing feeds	902	—	902	72,827
(f) Turkey feeds	956	—	956	88,340
(g) Other poultry feeds	132	—	132	12,360
Total complete feeds	127,541	—	127,541	9,437,697
Other feeds:				
Mineral mixtures	172	—	172	12,013
Dog and cat foods:				
(a) Canned	—	—	—	—
(b) Biscuits	—	—	—	—
(c) Other (meals, etc.)	1	—	1	1
Fox biscuits	—	—	—	—
Other fox feeds	—	—	—	—
Mink feeds	1	—	1	1
Rabbit feeds	—	—	—	—
Goat feeds	—	—	—	—
Feeds for other animals	758,	—	758	58,023
Scratch feeds	20,984	—	20,984	1,457,342
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	24,214	—	24,214	1,464,301
(a) Wheat	3,165	—	3,165	191,537
(b) Oats	8,638	—	8,638	530,237
(c) Barley	6,928	—	6,928	413,991
(d) Corn	1,555	—	1,555	120,818
(e) Mixed	3,866	—	3,866	205,402
(f) Other	62	—	62	2,316
Other products:				
Stock and poultry tonics	—	—	—	—
Veterinary medicines	—	—	—	—
Legume and grass meal, dehydrated, all kinds	2	—	2	2
Legume and grass meal, sundried, all kinds	—	—	—	—
Cereal products for human consumption	2	2	2	2
All other products	728	—	728	66,500
Total, excluding custom work	183,684	—	183,684	13,424,997

1. Included in Feeds for Other Animals.
 2. Included in All Other Products.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1956 - Continued

Products	Made in feeds industries	Made in other industries	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
	tons	tons	tons	\$
QUEBEC				
Concentrates:				
Calf concentrates	917	—	917	99,888
Dairy and cattle concentrates	23,635	—	23,635	1,781,273
Swine concentrates	29,360	—	29,360	2,802,468
Poultry concentrates:				
Total	39,185	—	39,185	4,182,006
(a) Chick starter concentrates	5,084	—	5,084	561,422
(b) Broiler concentrates	7,876	—	7,876	985,457
(c) Growing concentrates	5,342	—	5,342	518,793
(d) Laying and hatching concentrates	17,051	—	17,051	1,706,283
(e) Fattening and finishing concentrates	584	—	584	63,050
(f) Turkey concentrates	1,612	—	1,612	185,751
(g) Other poultry concentrates	1,636	—	1,636	161,250
Concentrates, n.e.s.	162	—	162	15,375
Total concentrates	93,259	—	93,259	8,881,010
Secondary or complete feeds:				
Calf feeds	6,843	—	6,843	670,045
Dairy and cattle feeds	160,316	—	160,316	11,220,689
Swine feeds	247,011	—	247,011	17,591,768
Poultry feeds:				
Total	280,887	—	280,887	23,991,035
(a) Chick starter feeds	38,288	—	38,288	3,354,777
(b) Broiler feeds	42,888	—	42,888	3,871,128
(c) Growing feeds	48,519	—	48,519	3,941,037
(d) Laying and hatching feeds	103,695	—	103,695	8,597,870
(e) Fattening and finishing feeds	8,219	—	8,219	651,595
(f) Turkey feeds	35,262	—	35,262	3,205,059
(g) Other poultry feeds	4,016	—	4,016	369,569
Total complete feeds	695,057	—	695,057	53,473,537
Other feeds:				
Mineral mixtures	3,238	—	3,238	325,690
Dog and cat foods:				
(a) Canned	—	1	1	1
(b) Biscuits	1	—	1	1
(c) Other (meals, etc.)	1	—	1	1
Fox biscuits	—	—	—	—
Other fox feeds	1	—	1	1
Mink feeds	1	1	1	1
Rabbit feeds	1,304	—	1,304	108,823
Goat feeds	1	—	1	1
Feeds for other animals	3,532	2,609	6,141	979,436
Scratch feeds	29,111	—	29,111	2,020,625
Hominy feed	1	—	1	1
Total	3	3	243,473	14,370,549
(a) Wheat	31,052	—	31,052	1,871,913
(b) Oats	83,067	—	83,067	4,852,437
(c) Barley	81,942	—	81,942	4,720,635
(d) Corn	11,797	—	11,797	789,992
(e) Mixed	3	3	28,914	1,760,341
(f) Other	6,701	—	6,701	375,231
Other products:				
Stock and poultry tonics	value only	not available	value only	2,660
Veterinary medicines	" "	" "	" "	16,620
Legume and grass meal, dehydrated, all kind	1,542	—	1,542	39,411
Legume and grass meal, sundried, all kinds	2,612	—	2,612	70,989
Cereal products for human consumption	513	—	513	47,702
All other products	737	—	737	68,190
Total excluding custom work	1,072,428	4,559	1,076,987	80,405,242

1. Included in feeds for other animals.
 2. Included in all other products.
 3. Included in Total Columns 3 and 4.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1956 — Continued

Products	Made in feeds industries	Made in other industries	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
	tons	tons	tons	\$
ONTARIO				
Concentrates:				
Calf concentrates	932	—	932	83,810
Dairy and cattle concentrates	51,888	—	51,888	3,977,016
Swine concentrates	54,947	—	54,947	5,129,587
Poultry concentrates:				
Total	80,110	—	80,110	8,115,560
(a) Chick starter concentrates	3,991	—	3,991	446,190
(b) Broiler concentrates	8,235	—	8,235	1,015,604
(c) Growing concentrates	17,156	—	17,156	1,622,720
(d) Laying and hatching concentrates	44,481	—	44,481	4,351,761
(e) Fattening and finishing concentrates	222	—	222	21,104
(f) Turkey concentrates	2,803	—	2,803	306,129
(g) Other poultry concentrates	3,222	—	3,222	352,052
Concentrates, n.e.s.	150	82	232	22,380
Total concentrates	188,027	82	188,109	17,328,353
Secondary or complete feeds:				
Calf feeds	12,524	106	12,630	1,205,343
Dairy and cattle feeds	99,927	1,816	101,743	7,264,694
Swine feeds	239,159	8,205	247,364	17,748,752
Poultry feeds:				
Total	528,248	7,282	535,530	45,275,647
(a) Chicks starter feeds	39,956	422	40,378	3,533,372
(b) Broiler feeds	129,494	205	129,699	11,677,064
(c) Growing feeds	83,649	1,572	85,221	6,762,074
(d) Laying and hatching feeds	188,307	4,853	193,160	15,645,547
(e) Fattening and finishing feeds	8,987	75	9,062	742,371
(f) Turkey feeds	64,654	155	64,809	5,700,781
(g) Other poultry feeds	13,201	—	13,201	1,214,438
Total complete feeds	879,858	17,409	897,267	71,494,436
Other feeds:				
Mineral mixtures	3,957	—	3,957	461,551
Dog and cat foods:				
(a) Canned	3	3	35,452	6,649,966
(b) Biscuits	3,236	—	3,236	671,764
(c) Other (meals, etc.)	3	3	7,912	1,524,127
Fox biscuits	920	—	920	100,285
Other fox feeds				
Mink feeds	3,135	—	3,135	357,554
Rabbit feeds	839	—	839	69,917
Goat feeds	—	—	—	—
Feeds for other animals	4,084	4,205	8,289	761,197
Scratch feeds	37,428	885	38,313	2,532,595
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	251,388	15,446	266,834	15,265,855
(a) Wheat	26,986	—	26,986	1,592,725
(b) Oats	85,818	—	85,818	5,111,272
(c) Barley	45,940	—	45,940	2,648,178
(d) Corn	15,908	—	15,908	962,860
(e) Mixed	48,779	15,446	64,225	3,752,959
(f) Other	27,957	—	27,957	1,197,861
Other products:				
Stocks and poultry tonics	value only	not available	value only	674,731
Veterinary medicines	" "	" "	" "	5,485
Legume and grass meal, dehydrated, all kinds	31,540	—	31,540	1,971,792
Legume and grass meal, sundried, all kinds	4,951	—	4,951	182,825
Cereal products for human consumption	1,377	—	1,377	160,103
All other products	3,273	—	3,273	567,870
Total excluding custom work	1,452,731	43,039	1,495,770	120,780,406

3. Included in Total, columns 3 and 4.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1956 — Continued

Products	Made in feeds industries	Made in other industries	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
	tons	tons	tons	\$
PRAIRIE PROVINCES				
Concentrates:				
Calf concentrates	143	—	143	14,952
Dairy and cattle concentrates	7,522	—	7,522	682,445
Swine concentrates	11,956	—	11,956	1,105,651
Poultry concentrates:				
Total	32,404	—	32,404	3,234,736
(a) Chick starter concentrates	1,829	—	1,829	201,964
(b) Broiler concentrates	1,339	—	1,339	179,811
(c) Growing concentrates	4,408	—	4,408	413,132
(d) Laying and hatching concentrates	18,411	—	18,411	1,787,407
(e) Fattening and finishing concentrates	190	—	190	16,956
(f) Turkey concentrates	6,120	—	6,120	625,015
(g) Other poultry concentrates	107	—	107	10,451
Concentrates, n.e.s.	—	808	808	75,952
Total concentrates	52,025	808	52,833	5,113,736
Secondary or complete feeds:				
Calf feeds	2,614	128	2,742	237,115
Dairy and cattle feeds	18,735	1,477	20,212	1,241,893
Swine feeds	12,324	447	12,771	932,591
Poultry feeds:				
Total	67,762	6,138	73,900	6,167,925
(a) Chick starter feeds	19,252	730	19,982	1,742,780
(b) Broiler feeds	3,255	1,834	5,089	492,827
(c) Growing feeds	7,222	625	7,847	590,470
(d) Laying and hatching feeds	19,864	2,059	21,923	1,678,659
(e) Fattening and finishing feeds	1,051	63	1,114	85,759
(f) Turkey feeds	16,124	697	16,821	1,488,780
(g) Other poultry feeds	994	130	1,124	88,650
Total complete feeds	101,435	8,190	109,625	8,579,524
Other feeds:				
Mineral mixtures	2,170	—	2,170	191,034
Dog and cat foods:				
(a) Canned	3	3	5,394	1,073,141
(b) Biscuits	1	—	1	132,434
(c) Other (meals, etc.)	3	3	1,057	—
Fox biscuits	3	3	1,775	293,905
Other fox feeds	3	3	—	—
Mink feeds	2,546	3,605	6,151	814,553
Rabbit feeds	1	—	1	1
Goat feeds	—	—	—	—
Feeds for other animals	837	1,324	2,161	394,696
Scratch feeds	4,516	22	4,538	302,386
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	69,286	3,677	72,963	3,419,914
(a) Wheat	5,789	—	5,789	313,951
(b) Oats	22,560	—	22,560	1,248,042
(c) Barley	9,280	—	9,280	499,559
(d) Corn	1,751	—	1,751	98,586
(e) Mixed	7,072	189	7,261	404,998
(f) Other	22,834	3,488	26,322	854,778
Other products:				
Stock and poultry tonics	value only	not available	value only	2,760
Veterinary medicines	" "	" "	" "	3,000
Legume and grass meal, dehydrated, all kinds	4,014	—	4,014	268,018
Legume and grass meal, sundried, all kinds	2,087	—	2,087	72,155
Cereal products for human consumption	1,799	—	1,799	124,627
All other products	6,779	—	6,779	507,045
Total excluding custom work	253,449	19,901	273,350	21,292,928

1. Included in feeds for other animals.

2. Included in all other products.

3. Included in total column.

TABLE 10. Factory Shipments of Feeds, all Industries, Canada and Provinces, 1956 — Concluded

Products	Made in feeds industries	Made in other industries	Total shipments	
	Quantity	Quantity	Quantity	Selling value at plant
	tons	tons	tons	\$
BRITISH COLUMBIA				
Concentrates:				
Calf concentrates	—	—	—	—
Dairy and cattle concentrates	107	—	107	10,768
Swine concentrates	3	—	3	3
Poultry concentrates:				
Total	3	—	3	3
(a) Chick starter concentrates	—	—	—	—
(b) Broiler concentrates	—	—	—	—
(c) Growing concentrates	—	—	—	—
(d) Laying and hatching concentrates	3	—	3	3
(e) Fattening and finishing concentrates	—	—	—	—
(f) Turkey concentrates	—	—	—	—
(g) Other poultry concentrates	—	—	—	—
Concentrates n.e.s.	—	—	—	—
Total concentrates	162	—	162	17,455
Secondary or complete feeds:				
Calf feeds	887	—	887	87,873
Dairy and cattle feeds	65,941	—	65,941	4,358,518
Swine feeds	4,008	—	4,008	292,842
Poultry feeds:				
Total	102,637	—	102,637	8,204,684
(a) Chick starter feeds	5,536	—	5,536	466,249
(b) Broiler feeds	13,427	—	13,427	1,294,631
(c) Growing feeds	13,782	—	13,782	1,112,363
(d) Laying and hatching feeds	51,809	—	51,809	3,838,432
(e) Fattening and finishing feeds	694	—	694	63,096
(f) Turkey feeds	12,831	—	12,831	1,056,620
(g) Other poultry feeds	4,558	—	4,558	373,248
Total complete feeds	173,473	—	173,473	12,943,917
Other feeds:				
Mineral mixtures	1	—	1	1
Dog and cat foods:				
(a) Canned	10,622	—	10,622	1,797,169
(b) Biscuits	1,339	—	1,339	187,804
Fox biscuits	—	1	1	1
Other fox feeds	—	—	—	—
Mink feeds	167	—	167	22,908
Rabbit feeds	340	—	340	26,537
Goat feeds	83	—	83	6,669
Feeds for other animals	862	199	1,061	262,796
Scratch feeds	3,872	—	3,872	286,062
Hominy feed	—	—	—	—
Chopped, ground or crushed grain feed:				
Total	36,821	—	36,821	2,228,844
(a) Wheat	12,090	—	12,090	731,243
(b) Oats	11,052	—	11,052	664,439
(c) Barley	6,924	—	6,924	423,712
(d) Corn	2,284	—	2,284	154,961
(e) Mixed	3,449	—	3,449	208,330
(f) Other	1,022	—	1,022	46,359
Other products:				
Stock and poultry tonics	—	—	—	—
Veterinary medicines	—	—	—	—
Legume and grass meal, dehydrated, all kinds	9,338	—	9,338	803,146
Legume and grass meal, sundried, all kinds	2	—	2	2
Cereal products for human consumption	2	—	2	2
All other products	756	—	756	62,565
Total excluding custom work	238,046	199	238,245	18,646,055

1. Included in feeds for other animals.

2. Included in other products.

3. Included in total concentrates.

TABLE 11. Materials Used in the Feeds Industry, 1955 and 1956

Principals materials ¹	1955		1956	
	Quantity	Cost at plant	Quantity	Cost at plant
			tons	\$
Wheat.....	345,121	18,352,875	476,178	24,942,134
Oats.....	485,300	24,244,687	534,193	27,279,945
Corn.....	167,667	9,394,252	218,053	12,200,955
Barley.....	438,054	21,932,695	479,449	23,585,660
Buckwheat.....	2,804	144,996	3,697	176,076
Mixed grains.....	31,212	1,547,609	38,700	1,870,729
Other grains, all kinds.....	22,324	1,218,720	29,056	1,514,652
Screenings.....	112,283	3,758,563	132,173	4,513,356
Wheat flour (feed etc.).....	13,620	848,206	13,696	877,491
Bran, shorts, and middlings.....	277,350	13,866,774	308,382	15,058,644
Oatmeal, oat middlings, oat groats.....	17,353	1,167,485	15,954	1,102,492
Wheat germ.....	3,680	255,527	3,157	208,324
Corn (grits, meal, cracked and germ).....	7,383	512,437	4,277	256,897
Hominy feed.....	8,207	335,925	7,430	390,698
Gluten feed.....	18,435	1,045,208	19,858	1,095,467
Cereal feed.....	3,772	267,766	1,557	117,424
Cottonseed oil cake and meal.....	1,183	97,439	588	43,569
Cocoanut or copra oil cake and meal.....	2,005	121,208	2,611	147,228
Linseed oil cake and meal.....	26,042	2,049,510	19,262	1,472,527
Soybean oil cake and meal.....	197,728	14,690,434	222,957	15,306,165
Oil cake meals, not specified.....	6,845	422,451	29,604	1,886,347
Legumes and grasses (for dehydrated meal).....	45,048	1,258,043	51,595	1,461,794
Legumes and grasses (for sundried meal).....	15,999	398,645	10,282	242,158
Legume and grass meal, dehydrated.....	40,330	2,908,630	38,147	2,915,283
Legume and grass meal, sundried.....	14,192	590,781	13,380	580,055
Fish meal.....	25,698	3,674,944	31,484	4,299,651
Cod liver meal.....	699	138,287	198	60,809
Fish oils, all kinds.....	3,204	1,067,523	3,949	997,011
Blood meal.....	3,646	335,058	4,145	371,358
Hone meal.....	5,933	453,408	6,951	512,886
Bone char.....	412	21,440	630	33,609
Lung and liver meal.....	4,644	413,631	3,052	293,536
Meat meal.....	62,894	5,258,345	69,449	5,738,178
Raw meat (horse, etc.).....	9,864	926,784	7,967	837,458
Tankage.....	22,087	1,569,584	24,261	1,874,593
Milk, buttermilk, whey, etc., powdered.....	9,838	1,263,407	10,747	1,496,275
Molasses.....	43,433	1,522,499	48,711	1,957,638
Beet pulp.....	6,082	370,434	6,728	394,059
Oyster and clam shell.....	4,030	111,062	3,911	112,665
Limestone (calcium carbonate).....	28,514	348,229	31,398	298,190
Grit and gravel.....	2,108	47,862	2,673	52,880
Salt.....	23,337	578,906	24,133	589,281
Antibiotics.....	948	1,063,068	1,058	1,192,685
Mixed concentrates and supplements:				
(a) Calf.....	1,509	156,759	1,549	166,420
(b) Dairy and cattle.....	22,873	2,066,988	26,941	2,315,966
(c) Swine.....	46,776	4,537,825	50,437	4,727,223
(d) Poultry.....	60,013	6,090,034	67,381	6,654,700
(e) Other.....	272	29,231	791	59,407
Mineral mixtures.....	2,220	221,483	2,562	288,517
Rock phosphate.....	21,919	1,207,377	24,596	1,682,815
Vitamins and vitamin compounds.....	3,148	1,272,112	3,351	1,804,132
Urea.....	2,925	369,707	5,874	505,081
Brewers' and distillers' grains.....	21,332	1,203,983	25,358	1,265,975
Malt sprouts.....	6,504	306,816	8,131	391,821
Rice meal and rice feed.....	3,103	126,206	3,145	120,635
Yeast.....	1,138	248,933	1,155	255,715
Seeds (clover, sunflower, millet, etc.).....	1,255	443,708	1,374	259,884
Containers and packaging material.....	—	7,199,339	—	9,713,627
All other materials.....	14,174	1,684,422	19,965	2,304,532
Operating maintenance and repair supplies.....		Not collected		1,292,725
Amount paid out to others for work done on materials owned by this plant.....				168,678
Total²	2,768,479	167,710,257	3,198,292	194,336,685

1. Does not include grains for custom chopping.

2. Does not include office supplies used which amounted to \$290,585 in 1956.

FOODS AND BEVERAGES

TABLE 12. Employees, Salaries and Wages, by Provinces, 1955 and 1956

	Average number						Salaries and wages		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total	
	Male	Female	Male	Female					
	No.	No.	No.	No.	No.	\$	\$	\$	
1955									
Prince Edward Island	19	5	38	3	65	39,200	65,583	104,783	
Nova Scotia	21	3	71	3	98	59,639	127,348	186,987	
New Brunswick	46	15	154	3	218	145,271	331,134	476,405	
Quebec	521	128	1,464	25	2,138	1,630,226	3,362,949	4,993,175	
Ontario	1,059	282	2,529	102	3,972	3,232,863	6,371,592	9,604,455	
Manitoba	68	9	165	6	248	192,678	434,351	627,029	
Saskatchewan	20	9	54	—	83	81,225	147,813	229,038	
Alberta	104	10	198	6	318	270,625	547,384	818,009	
British Columbia	175	87	467	43	772	795,095	1,518,449	2,313,544	
Canada	2,033	548	5,140	191	7,912	6,446,822	12,906,603	19,353,425	
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	7,034,882	13,615,331	20,670,213	

TABLE 13. Production Workers, by Months, 1955 and 1956

Months	1955			1956		
	Male	Female	Total	Male	Female	Total
				Number		
January	4,972	191	5,163	5,078	173	5,251
February	4,962	191	5,153	5,137	188	5,325
March	5,008	195	5,203	5,209	184	5,393
April	5,111	188	5,299	5,320	187	5,507
May	5,233	218	5,451	5,369	185	5,554
June	5,280	199	5,479	5,457	180	5,637
July	5,318	185	5,503	5,525	180	5,705
August	5,268	192	5,460	5,535	179	5,714
September	5,199	195	5,394	5,493	188	5,681
October	5,159	196	5,355	5,454	183	5,637
November	5,064	195	5,259	5,361	175	5,536
December	5,045	188	5,233	5,321	172	5,493
Monthly average	5,135	194	5,329	5,355	181	5,536

TABLE 14. Exports of Feeds, 1955 and 1956

Articles exported	1955		1956	
	Quantity	Value	Quantity	Value
			tons	\$
Mixed feeds	13,461	1,078,849	12,471	972,851
Oat feed, ground	23,054	626,715	20,487	498,916
Fodders, n.o.p.	51,880	2,555,140	57,251	2,948,075

TABLE 15. Fuel Consumption, 1953¹ and 1956

	Unit of measure	1953 ¹		1956	
		Quantity	Cost at plant	Quantity	Cost at plant
Bituminous coal:			\$		\$
(a) Canadian.....	ton	4,377	46,610	1,454	20,522
(b) Imported	"	18,991	215,905	5,552	65,897
Sub-bituminous coal (from Alberta mines only)	ton	477	3,332	893	7,097
Anthracite coal	"	1,818	29,259	825	14,223
Lignite coal	"	623	4,547	429	2,883
Coke	"	28	826	213	4,938
Gasoline	imp. gal.	1,688,928	611,155	3,539,500	1,373,564
Kerosene	"	160,177	20,349	18,534	3,959
Fuel oil	"	3,253,266	467,911	3,333,900	511,098
Wood	cords	1,089	7,714	1,565	6,581
Gas: (manufactured, natural, propane, etc.)	—	—	41,268	—	95,877
Other fuel (kind and quantity not stated)	—	—	4,606	—	59,455
Electricity purchased.....	k.w.h.	80,738,995	1,432,920	99,409,554	1,829,603
Total cost of fuel and electricity.....	—	—	2,886,402	—	3,995,697

1. Not collected in 1954 or 1955.

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