

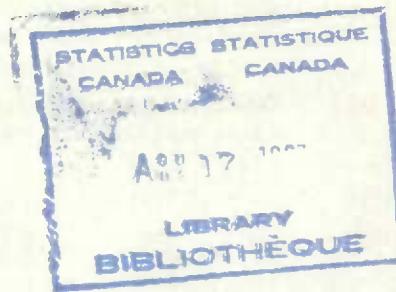
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Mr. Dick
R.P.



CANADA

JUN 13 1962



THE SLAUGHTERING AND MEAT PACKING INDUSTRIES, 1954

INCLUDING

1. The Slaughtering and Meat Packing Industry
2. The Sausage and Sausage Casings Industry
3. The Animal Oils and Fats Industry



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The Right Honourable C. D. Howe, Minister of Trade and Commerce

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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, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - 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¢

TABLE OF CONTENTS

THE SLAUGHTERING AND MEAT PACKING INDUSTRY

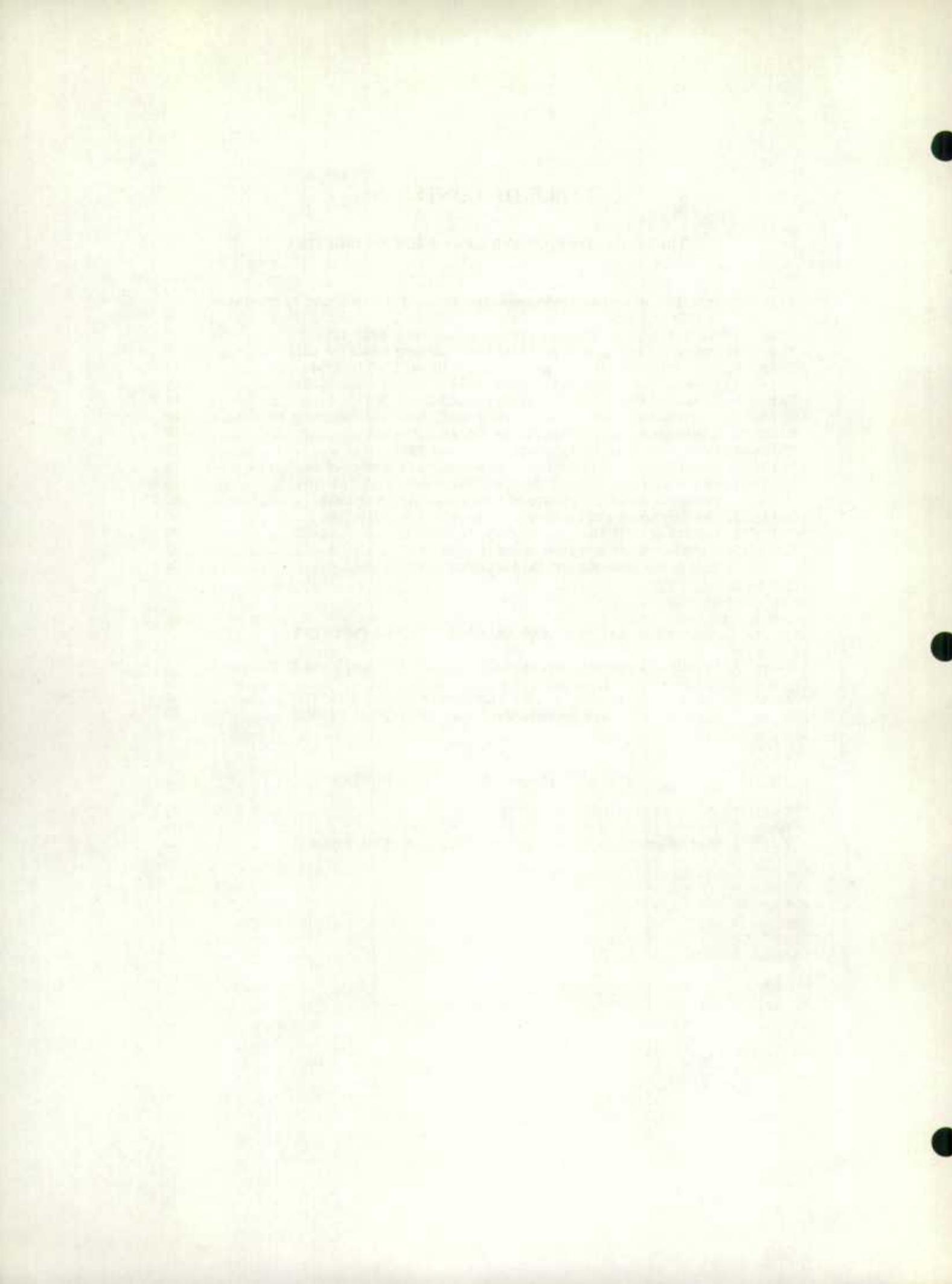
	Page
Table 1. Principal statistics, representative years, 1919-1952 and by provinces, 1953 and 1954	6
Table 2. Number and cost value of animals slaughtered, 1929-1954.....	7
Table 3. Products sold, by provinces 1954 with Canada totals for 1953.....	8
Table 4. Production of certain important commodities, 1940 to 1954.....	14
Table 5. Opening and closing inventories, 1954	14
Table 6. Tankage—Primary and secondary production, 1954	15
Table 7. Animals slaughtered and materials used, 1954 with totals for 1953	16
Table 8. Employment and earnings, by provinces, 1953-1954.....	18
Table 9. Production workers, by months, 1953 and 1954	18
Table 10. Classification of establishments according to number of employees, 1954	19
Table 11. Principal statistics by size of establishment, 1953 and 1954.....	19
Table 12. Principal statistics by type of ownership, 1953 and 1954	20
Table 13. Capital, repair and maintenance expenditures, 1948-1954	20
Table 14. Imports of meat and meat products 1952-1954	20
Table 15. Exports of meat and meat products 1952-1954	22
List of Slaughtering and Meat Packing Plants	24

THE SAUSAGE AND SAUSAGE CASINGS INDUSTRY

Table 1. Principal statistics, representative years, 1919-1952 and by provinces, 1953 and 1954	27
Table 2. Shipments by provinces, 1954 with Canada totals for 1953	28
List of establishments making Sausage and Sausage Casings	29

THE ANIMAL OILS AND FATS INDUSTRY

Table 1. Principal statistics, 1921-1954	31
Table 2. Factory shipments, 1953-1954	32
List of establishments in the Animal Oils and Fats Industry	32



THE SLAUGHTERING AND MEAT PACKING INDUSTRY, 1954

The value of sales of the slaughtering and meat packing industry showed little change in 1954, the \$837,508,480 recorded being less than 1 p.c. higher than the \$829,468,022 reported for 1953 but 6 p.c. below the peak value reached in 1951. Larger quantities of beef and lamb products were shipped but hog products were in slightly smaller volume.

The cost of materials, including animals slaughtered, was \$674,151,921 an increase of 0.2 p.c. over the \$672,763,955 reported in 1953. Lower prices were paid for all animals except hogs.

The total value of inventory decreased by over a million dollars, as shown in Table 5. In this industry, the total value of all stocks is used in computing the value added by production, rather than the inventory value of finished products only, owing to the difficulty of distinguishing between the various stages of processing. After allowing for inventory change and deducting the cost of materials and fuel and electricity, the value added by manufacture is estimated at \$157,683,565.

In 1954, cost of materials constituted 80.5 p.c. of the gross value of shipments as compared with 81.1 p.c. in the preceding two years.

Employment was afforded to 22,999 persons, an increase of 0.5 p.c. over the previous year, while total earnings, at \$78,699,090 were 5.7 p.c. higher than in 1953.

The products of the industry may be conveniently grouped into four main divisions: fresh and frozen meat, including poultry, accounted for \$474,279,317 or 56.6 p.c. of the total sales; cured meats including cooked meats and fresh sausage for \$240,023,685 or 28.7 p.c.; lard and shortening for \$54,488,711 or 6.5 p.c.; hides and skins for \$17,665,071 or 2.1 p.c. and miscellaneous products for \$51,051,696 or 6.1 p.c.

The most important single item was fresh and frozen beef with 814,750,099 lbs., an increase of 11.1 p.c. The second item was fresh and frozen pork with 367,204,116 lbs. a decrease of 6.5 p.c. The third place was taken by bologna and wieners with 105,503,039 lbs., an increase of 9.6 p.c. Bacon and sides comprised the fourth item in quantity with 78,497,638 lbs., a decrease of 2.5 p.c. compared with 1953. No comparison of relative value of items is possible since only group values were obtained in 1954.

The position occupied in relation to the total value of production in Canada was as follows: Atlantic Provinces, 2.4 p.c.; Quebec, 20.6 p.c.; Ontario, 38.6 p.c.; Manitoba, 13.6 p.c.; Saskatchewan, 3.7 p.c.; Alberta, 14.6 p.c. and British Columbia, 6.5 p.c.

**TABLE 1. Principal Statistics of the Slaughtering and Meat Packing Industry in Canada
Representative Years, 1919 to 1952 and by Provinces, 1953 and 1954**

Year	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Cost of fuel and electricity	Value added by manufacture ¹	Gross selling value of products ²
	No.	No.	\$	\$	\$	\$	\$
1919.....	86	13,318	15,390,621	175,416,434	1,034,835 ³	58,148,338	234,599,607
1920.....	90	12,074	16,760,120	171,192,978	1,274,569 ³	68,611,848	241,079,395
1921.....	86	9,704	13,562,956	113,499,307	1,075,462 ³	38,759,955	153,334,724
1924.....	74	10,046	13,127,504	106,764,011	1,277,849	25,698,411	133,740,271
1929.....	74	10,762	13,998,716	151,814,517	1,153,429	32,874,956	185,842,902
1932.....	141	9,101	10,349,315	65,575,957	968,256	24,602,310	91,246,523
1933.....	135	9,289	10,103,744	70,467,544	1,018,025	20,880,568	92,366,137
1937.....	138	13,070	17,085,008	148,057,651	1,406,308	31,955,352	181,419,311
1939.....	150	12,765	17,109,682	154,692,370	1,455,331	29,048,432	185,196,133
1944.....	153	23,867	38,697,789	458,484,382	2,811,350	81,738,368	543,034,100
1946.....	147	22,536	40,313,025	408,033,456	3,050,859	64,868,839	475,953,154
1948.....	140	21,879	51,828,514	593,530,918	3,685,523	92,529,708	689,746,149
1949.....	157	20,586	52,136,180	586,241,637	3,649,334	108,059,068	697,950,039
1950.....	157	20,522	54,532,037	645,353,830	3,988,161	107,701,364	757,043,355
1951.....	155	20,914	62,108,875	767,366,797	4,235,250	120,488,594	892,090,641
1952.....	154	22,864	71,378,013	700,369,951	4,644,925	158,761,279	863,776,155
1953							
Atlantic.....	11 ⁴	629	1,836,084	16,544,561	208,603	3,710,412	20,463,576
Quebec	36	4,467	13,830,937	143,020,867	959,063	30,001,134	173,981,064
Ontario	61	8,706	29,117,304	263,894,240	1,939,272	61,492,919	327,326,431
Manitoba	13	3,088	10,357,475	88,767,316	525,645	21,163,107	110,456,068
Saskatchewan.....	8	1,142	3,656,786	23,486,604	241,706	8,151,631	31,879,941
Alberta	12	3,378	10,608,525	92,715,225	498,076	18,731,942	111,945,243
British Columbia	11	1,477	5,024,832	44,335,142	308,794	8,771,763	53,415,699
Canada	152	22,887	74,431,943	672,763,955	4,681,159	152,022,908	829,468,022
1954							
Atlantic.....	10 ⁵	663	1,969,410	16,630,745	193,618	3,468,506	20,497,126
Quebec	40	4,356	14,857,327	140,261,179	832,990	29,889,971	172,583,972
Ontario	57	8,723	30,135,936	259,342,840	2,088,572	62,562,318	323,544,469
Manitoba	13	3,121	10,571,603	89,095,910	564,943	24,384,678	114,008,868
Saskatchewan.....	8	1,075	3,654,955	23,416,854	252,465	6,957,263	30,664,206
Alberta	15	3,643	12,323,431	100,610,460	421,439	21,186,370	121,955,389
British Columbia	11	1,418	5,186,428	44,793,933	305,826	9,234,459	54,254,450
Canada	154	22,999	78,699,090	674,151,921	4,659,853	157,683,565	837,508,480

1. Figures for "Value added by manufacture" are obtained by subtracting cost of materials used and cost of fuel and electricity from value of production. In 1952 and 1953 value of shipments was used since the value of production could not be ascertained. In 1954 value of production was computed by using the value of shipments plus or minus the increase or decrease in total inventory. Total value of inventory, rather than that of finished goods, is used for this industry in view of the difficulty of distinguishing between the various stages of processing.

2. Figures for 1952, 1953 and 1954 represent values of factory shipments.

3. Fuel only.

4. Newfoundland, 2; Prince Edward Island, 1; Nova Scotia, 5; New Brunswick, 3.

5. Newfoundland, 2; Prince Edward Island, 1; Nova Scotia, 4; New Brunswick, 3.

Animals Slaughtered and Materials Used—The combined value of all items under this classification was \$674,151,921, made up as follows: Animals slaughtered, \$523,958,871; dressed meat purchased fresh or partially cured and poultry, \$74,406,611; vegetable, fish and animal oils

\$41,337,127; miscellaneous materials, \$34,094,995; and amount paid out for custom killings \$354,317.

The following table shows the number of animals slaughtered and their value, in 1929, 1932 and in each of the years from 1936 to 1954.

TABLE 2. Number and Cost Value of Animals Slaughtered, 1929, 1932 and 1936-1954
(Data for 1930 and 1931 will be found at p.3 of the 1948 Report.)

Year	Beeves	Sheep and lambs	Hogs	Calves	Total
1929	No. 719,520 \$ 53,768,459	720,852 6,727,414	2,639,005 59,882,737	364,797 6,122,886	4,444,174 126,501,496
1932	No. 611,531 \$ 22,303,782	798,687 3,455,466	3,053,066 25,808,550	392,628 3,024,144	4,855,912 54,591,942
1936	No. 941,879 \$ 30,322,581	859,144 4,905,979	3,645,395 60,591,850	623,730 5,693,476	6,070,148 101,513,886
1937	No. 972,020 \$ 37,190,487	837,136 5,357,983	3,951,503 68,546,334	757,406 7,339,089	6,518,065 118,433,893
1938	No. 911,271 \$ 36,824,213	815,433 5,148,334	3,394,104 64,862,596	690,399 7,158,134	5,811,217 113,993,277
1939	No. 927,588 \$ 43,687,227	785,653 5,473,583	3,793,468 68,611,954	687,539 7,768,704	6,194,248 125,541,468
1940	No. 935,920 \$ 49,908,223	763,044 5,688,302	5,531,051 93,139,503	717,835 9,020,929	7,847,850 157,756,957
1941	No. 1,052,574 \$ 66,857,125	836,094 7,342,581	6,469,323 125,443,461	757,024 11,310,699	9,115,015 210,953,866
1942	No. 1,032,490 \$ 82,211,307	820,297 7,985,052	6,335,863 153,963,231	683,317 13,426,219	8,871,967 257,585,809
1943	No. 1,111,861 \$ 107,084,662	878,816 9,411,757	7,260,174 196,821,224	616,959 14,612,928	9,867,810 327,930,571
1944	No. 1,427,488 \$ 131,686,144	986,303 9,736,665	9,066,536 239,828,751	678,831 13,781,310	12,159,158 395,032,870
1945	No. 1,887,693 \$ 170,417,273	1,159,962 11,872,329	6,033,003 165,418,638	829,850 17,895,865	9,910,508 365,604,105
1946	No. 1,760,177 \$ 173,245,669	1,212,661 13,500,970	4,403,220 134,569,676	815,502 19,320,440	8,191,560 340,636,755
1947	No. 1,351,156 \$ 148,447,228	916,128 10,761,141	4,561,581 158,482,837	678,529 16,856,444	7,507,394 334,547,650
1948	No. 1,550,834 \$ 222,625,218	841,091 12,697,548	4,802,890 220,461,511	828,441 27,846,560	8,023,256 483,630,837
1949	No. 1,504,875 \$ 233,357,116	653,160 11,973,954	4,291,142 205,032,524	798,216 30,245,621	7,247,393 480,609,215
1950	No. 1,309,234 \$ 256,379,900	526,646 11,656,099	4,778,417 219,176,645	802,005 35,279,912	7,416,302 522,492,556
1951	No. 1,181,155 \$ 309,268,985	442,207 12,125,934	4,779,212 250,355,280	590,399 36,058,269	6,992,973 607,808,468
1952	No. 1,251,892 \$ 258,892,737	525,127 11,205,092	6,436,778 260,011,925	583,547 26,070,076	8,797,344 556,179,830
1953	No. 1,469,346 \$ 229,361,419	538,949 9,839,185	5,100,583 240,413,690	752,426 29,180,175	7,861,304 508,794,469
1954	No. 1,692,091 \$ 238,047,739	567,351 9,504,662	5,006,429 243,115,093	833,640 29,281,478	8,099,511 519,948,972

TABLE 3. Products Sold, 1954

No.	Kind		Atlantic Provinces	Quebec	Ontario
	Meats sold fresh and fresh-frozen:				
1	Beef.....	lb.	13,965,120	160,843,839	270,409,572
2	Mutton and lamb.....	lb.	1,649,927	9,286,757	10,293,444
3	Pork.....	lb.	9,709,216	97,300,639	100,942,475
4	Veal.....	lb.	1,724,665	33,267,797	19,998,403
5	Other meats, fancy meats, and offal.....	lb.	1,811,774	16,182,419	22,766,113
6	Totals, fresh and frozen meats	lb.	28,860,702	316,881,451	424,410,007
7		\$	10,089,146	99,530,426	148,793,820
8	Poultry sold fresh and fresh-frozen	lb.	1	10,065,947	15,754,798
9		\$		4,364,711	7,378,871
	Cured and smoked meats:				
10	Beef, salted or cured	lb.	232,500	1,918,886	2,105,455
11	Pork, salted or cured (n.o.p.)	lb.	2,106,525	9,135,730	10,195,655
12	Bone-in hams, uncooked	lb.	2,174,943	6,126,589	1,946,487
13	Bone-in hams, cooked.....	lb.	2	2,989,045	3,806,251
14	Boneless hams, uncooked	lb.	336,617	3,988,360	3,212,796
15	Boneless hams, cooked	lb.	668,266	4,276,128	4,151,792
16	Side bacon, sliced.....	lb.	2,201,903	7,630,412	12,890,634
17	Side bacon, (piece) unsliced	lb.	1,589,315	3,402,130	14,459,410
18	Back bacon, sliced	lb.	2	1,294,802	2,808,499
19	Back bacon, (piece) unsliced (incl. art. casing)	lb.	133,099	883,686	3,879,383
20	Picnics	lb.	1,379,462	8,835,041	9,596,223
21	Cottage rolls and butts.....	lb.	552,535	6,119,417	6,956,261
22	Other smoked meat items	lb.	163,221	4,126,145	6,309,392
23	Totals, cured and smoked meats.....	lb.	11,538,386	60,726,371	82,318,238
24		\$	5,813,149	32,726,165	45,858,454
25	Fresh sausage, pure pork	lb.	941,262	7,572,474	10,273,504
26	Fresh sausage, other	lb.	278,434	4,517,763	3,370,332
27	Bologna	lb.	7,080,015	7,418,263	21,920,574
28	Weiners and frankfurters	lb.	1,991,322	7,575,691	22,083,800
29	Boiled ham, cooked.....	lb.	408,743	3,697,686	9,707,480
30	Other sausage and cooked meats	lb.	734,186	4,258,533	20,092,042
31	Totals, sausage and cooked meats.....	lb.	11,433,962	35,040,410	87,447,732
32		\$	3,443,751	14,230,883	36,404,410
33	Canned meats, all kinds	lb.	3	2,451,534	14,036,604
34		\$	—	1,268,599	9,053,183
35	Sausage casings	\$	—	297,600	2,122,715
36	Mince meat	lb.	—	3	3
37		\$	—	—	—

1. Included with "other meats, sold fresh and fresh-frozen".
2. Included with "other smoked meat items".
3. Included with "other products".
4. Included with "bone-in hams, uncooked".
5. Included with "bone-in hams, cooked".

THE SLAUGHTERING AND MEAT PACKING INDUSTRY

B-9

TABLE 3. Products Sold, 1954 with Canada Totals for 1953

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1954	1953	
154,267,221	31,527,710	129,959,048	53,777,589	814,750,099	724,200,459	1
2,627,538	646,778	2,569,875	3,629,322	30,703,641	27,528,916	2
42,669,542	18,211,584	75,082,291	23,288,369	367,204,116	392,543,329	3
15,739,266	2,913,734	12,711,748	4,799,150	91,154,763	82,296,873	4
19,749,504	8,477,529	21,394,612	6,661,161	96,408,667	84,724,734	5
235,053,071	61,777,334	241,717,574	92,155,591	1,400,221,286	1,311,294,311	6
70,415,441	18,953,237	77,416,184	32,111,794	457,064,542	465,570,535	7
5,570,642	741,624	3,749,028	2,276,855	38,793,338	33,383,576	8
2,325,142	323,040	1,610,960	966,545	17,214,775	16,939,954	9
716,872	2	2	481,406	5,483,257	4,095,393	10
2	577,617	2,321,765	4,272,314	31,124,401	14,570,549	11
516,549	316,142	2,727,551	1,791,370	15,599,631	46,896,689	12
2,179,603	2	548,561	2,638,813	12,248,981	22,460,962	13
718,680	503,827	630,855	187,728	9,578,863	4	14
975,428	50,088	301,708	376,973	10,800,383	5	15
4,390,770	712,638	3,077,007	2,490,818	33,394,182	80,523,507	16
3,450,874	1,134,188	6,650,477	854,720	31,541,114	6	17
2	273,335	1,348,409	1,225,679	7,130,185	6	18
122,947	2	1,108,705	226,437	6,432,157	6	19
2	759,019	3,153,458	836,638	25,080,980	42,309,632	20
1,175,845	723,717	1,280,503	3,197,480	20,005,758	7	21
3,581,981	2,851,392	4,600,275	234,109	18,458,374	28,534,749	22
17,829,549	7,901,963	27,749,274	18,814,485	226,878,266	239,391,481	23
9,724,862	3,640,417	15,198,908	10,786,557	123,748,512	133,873,971	24
1,698,269	316,063	2,228,422	1,178,518	24,208,512	8	25
3,362,979	2,319,752	4,980,484	581,774	19,411,518	42,651,808	26
6,785,771	3,221,188	6,049,285	2,207,694	54,682,790	96,270,965	27
5,739,964	2,678,004	6,920,168	3,831,300	50,820,249	9	28
1,465,942	418,802	2,287,643	964,407	18,950,703	5	29
3,940,166	2,889,990	8,056,500	2,583,675	42,555,092	46,896,331	30
22,993,091	11,843,799	30,522,502	11,347,368	210,628,864	185,819,104	31
10,577,980	3,932,338	11,444,944	4,269,207	84,303,513	64,070,216	32
15,667,683	3	13,555,744	3	51,323,858	60,489,051	33
8,140,518	—	6,755,592	—	28,017,993	35,479,477	34
464,321	53,362	452,828	194,610	3,585,436	3,063,369	35
3	3	255,751	3	1,997,658	2,028,074	36
—	—	49,268	—	368,231	356,519	37

6. Included with "side bacon, sliced".

7. Included with "picnics".

8. Included with "other fresh sausage".

9. Included with "bologna".

TABLE 3. Products Sold, 1954 — Continued

No.	Kind		Atlantic Provinces	Quebec	Ontario
1	Lard.....	lb.	1,965,964	16,758,916	33,777,140
2		\$	430,099	3,229,057	6,278,491
3	Shortening, wholly vegetable.....	lb.	—	1	52,338,903
4		\$	—		13,427,902
5	Shortening, containing some animal fat and marine oils	lb.	—	9,627,523	64,778,571
6		\$	—	2,312,734	14,678,060
7	Margarine.....	lb.	—	—	54,193,729
8		\$	—	—	14,190,149
9	Tallow, edible	lb.	1	2,362,972	6,053,038
10		\$		251,728	784,060
11	Tallow, inedible.....	lb.	1,371,911	16,498,248	18,795,892
12		\$	61,904	1,043,456	1,370,270
13	Neat's foot oil	lb.	—	2	251,194
14		\$	—		34,102
15	Cottonseed oil	lb.	—	2	5,487,895
16		\$	—		1,149,891
17	Coconut oil	lb.	—	2	9,208,934
18		\$	—		1,973,457
19	Soybean oil	lb.	—	2	1,711,823
20		\$	—		359,518
21	Sunflowerseed oil	lb.	—	—	2
22		\$	—	—	
23	Other oils	lb.	—	11,426,039	43,768,807
24		\$	—	2,283,413	8,139,638
25	Grease.....	lb.	1	1	3,520,720
26		\$			157,070
27	Vegetable oil foots	lb.	—	—	1
28		\$	—	—	
29	Animal foods.....	lb.	—	1	4,336,519
30		\$	—	.	383,204
31	Complete fertilizer	lb.	—	—	—
32		\$	—	—	—
33	Hair and bristles	lb.	—	971,145	479,528
34		\$	—	48,973	75,610

1. Included with "other products".
 2. Included with "other oils".

TABLE 3. Products Sold, 1954 with Canada Totals for 1953 - Continued

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1954	1953	
10,148,086	4,888,390	20,997,385	5,391,859	93,927,740	101,995,134	1
1,939,139	863,290	3,514,226	926,895	17,181,197	14,439,593	2
-	-	-	-	68,461,133	51,605,052	3
-	-	-	-	17,025,462	12,729,507	4
9,080,949	1	1	1	88,645,320	84,379,587	5
2,066,631				20,282,052	18,301,960	6
1	-	-	1	67,782,047	62,894,923	7
	-	-		17,782,092	17,633,811	8
2,522,864	1,581,812	6,283,408	2,728,790	21,572,884	21,626,644	9
260,179	162,296	662,647	258,245	2,380,355	1,763,916	10
11,246,027	3,451,530	9,566,643	6,379,724	67,309,975	68,183,922	11
565,284	196,161	547,175	399,424	4,183,674	3,039,737	12
134,945	1	56,811	2	554,886	591,425	13
13,301		11,918		72,349	62,567	14
2	-	-	2	14,309,514	9,065,734	15
	-	-		2,980,929	1,934,741	16
2	-	-	2	11,398,927	12,072,180	17
	-	-		2,453,421	2,551,142	18
2	-	-	-	2,585,553	2,501,886	19
	-	-		510,438	521,227	20
2	-	-	-	625,507	-	21
	-	-		128,707	-	22
1,900,916	-	-	1,723,443	46,213,330	42,292,188	23
358,678	-	-	354,204	8,534,299	7,807,161	24
1	-	-	-	3,688,819	4,559,725	25
	-	-		170,526	232,323	26
1	-	-	1	1,804,732	1,497,227	27
	-	-		70,445	49,884	28
3,544,054	574,162	4,287,528	1	13,597,086	18,586,403	29
276,887	38,440	310,743		1,082,397	1,520,297	30
1	1	1	1	1	9,550,103	31
					290,366	32
1	1	74,812	-	1,596,351	2,115,435	33
		29,085	-	178,529	255,530	34

TABLE 3. Products Sold, 1954 — Concluded

No.	Kind		Atlantic Provinces	Quebec	Ontario
	Tankage, Primary:				
1	Bones, edible	lb.	—	1,805,244	3,215,185
2		\$	—	36,364	103,299
3	Bones, inedible	lb.	—	1,253,629	1,998,981
4		\$	—	12,622	25,381
5	Bones, green	lb.	—	1,878,441	22,384,622
6		\$	—	25,050	279,536
7	Dried blood, edible and inedible	lb.	—	637,608	1,556,232
8		\$	—	39,787	97,601
9	Hooves and horns	lb.	1	319,654	1,038,460
10		\$		10,297	21,829
11	Tankage, dry rendered	lb.	—	10,537,373	10,776,802
12		\$	—	488,952	423,887
13	Tankage, wet rendered n.e.s.	lb.	—	1	2,535,839
14		\$	—		64,236
15	Tankage, other	lb.	106,972	193,092	—
16		\$	4,486	2,070	—
	Tankage secondary:				
17	Blood meal	lb.	1	1,148,644	2,032,061
18		\$		92,829	130,563
19	Bone meal	lb.	—	1	1
20		\$	—		
21	Hoof meal	lb.	—	—	1
22		\$	—		
23	Meat meal	lb.	1	1	23,877,165
24		\$			1,272,603
25	Meat scraps (cracklings)	lb.	1	25,270,972	8,445,151
26		\$		1,439,578	404,343
27	Tankage, other	lb.	2,316,790	10,383,809	4,279,952
28		\$	134,039	522,331	228,895
29	Cattle hides	No.	31,522	260,115	608,675
30		\$	188,945	1,392,132	3,709,580
31	Horse hides	No.	—	930	—
32		\$	—	4,999	—
33	Sheep skins	No.	36,527	197,413	168,230
34		\$	63,276	320,898	430,930
35	Calf skins	No.	18,961	366,424	189,919
36		\$	53,639	958,436	646,069
37	All other products	\$	178,647	4,787,062	2,689,547
38	Amount received for custom or contract work	\$	36,045	862,820	403,485
39	Total Factory Value of Products Sold	\$	20,497,126	172,583,972	323,514,469

1. Included with "other tankage".

TABLE 3. Products Sold, 1954 with Canada Totals, 1953 - Concluded

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1954	1953	
—	—	1	—	5,110,429 142,363	5,936,471 137,218	1 2
688,140 20,036	1	1	1	4,789,180 63,076	9,839,033 171,055	3 4
1,375,347 9,679	1	3,220,004 28,885	1	31,197,451 366,244	26,391,221 490,375	5 6
1,234,606 53,674	1	1	1	4,028,491 221,500	3,504,108 164,865	7 8
329,137 8,184	1	208,876 3,148	1	1,971,472 44,740	1,394,423 28,091	9 10
4,488,872 184,624	1,714,600 65,043	2,807,828 127,201	1	30,589,504 1,302,480	32,204,617 1,367,116	11 12
1,811,196 67,609	1	2,084,183 55,035	1	7,295,161 205,272	9,835,416 243,325	13 14
—	2,725,370 30,730	629,805 16,886	1,852,911 57,693	342,221 13,312	409,348 13,130	15 16
—	—	—	—	—	—	—
1	255,527 11,478	1,568,545 70,626	513,475 26,638	5,899,172 352,032	5,079,114 270,396	17 18
610,390 22,426	638,359 30,651	1,240,343 54,472	1	4,928,653 198,231	3,941,719 155,700	19 20
1	—	—	1	802,560 42,387	1,071,861 48,538	21 22
6,130,600 287,104	1	3,876,753 177,009	1	48,928,128 2,486,618	19,349,867 895,777	23 24
1	1	13,548,885 410,236	22,781,250 130,155	59,228,994 2,798,692	87,494,226 3,585,912	25 26
8,601,793 382,759	3,624,907 163,780	—	3,385,874 154,932	4,828,828 274,124	1,614,037 96,291	27 28
331,895 1,693,370	73,901 395,499	271,024 1,565,414	118,228 539,558	1,695,360 9,484,498	1,325,964 10,114,330	29 30
8,141 52,311	2	2	—	33,880 263,192	43,192 373,838	31 32
50,781 80,560	7,915 12,501	54,050 116,261	66,492 163,156	581,408 1,187,582	526,275 1,392,340	33 34
102,117 320,939	22,085 92,884	69,631 304,106	29,130 90,227	798,267 2,466,300	639,295 2,960,358	35 36
3,304,311	1,584,962	875,086	2,768,068	4,263,499	3,111,777	37
392,919	114,097	146,546	56,542	2,012,464	1,359,787	38
114,008,868	30,664,206	121,955,389	54,254,450	837,508,480	829,468,022	39

2. Included with "other products".

TABLE 4. Production of Certain Important Commodities, 1940 to 1954

Year	Meats sold fresh and frozen			Bacon and sides	Sausage, fresh and cured	Cooked meats	Canned meats	Shortening, animal and vegetable
	Beef	Pork	Veal					
Thousands of pounds								
1940.....	456,025	184,938	72,451	275,794	62,061	25,686	7,919	86,070
1941.....	498,444	214,085	74,829	356,727	73,337	30,115	14,966	103,830
1942.....	509,309	215,369	76,878	379,408	93,261	34,308	23,028	90,403
1943.....	540,042	210,833	71,961	469,885	111,794	34,645	35,459	98,352
1944.....	674,613	249,842	73,232	577,067	111,798	39,130	85,346	105,121
1945.....	811,947	195,563	89,805	355,108	119,058	38,156	143,571	111,272
1946.....	746,044	127,555	89,422	262,938	110,068	48,955	193,373	107,980
1947.....	578,295	155,002	70,997	233,895	53,216	100,486	107,789	119,471
1948.....	695,109	220,065	87,140	185,611	49,874	111,800	62,169	137,313
1949.....	679,295	244,303	85,097	116,682	55,583	113,701	43,858	125,167
1950.....	588,998	276,890	87,074	108,684	57,464	116,850	50,584	131,067
1951.....	573,578	310,836	64,221	75,795	55,965	133,436	51,188	121,351
1952.....	622,949	404,476	64,131	83,406	57,609	140,069	133,751	123,539
1953.....	724,200	392,543	82,297	80,523	60,127	148,153	60,489	135,984
1954.....	814,750	367,204	91,155	78,498		210,629	51,324	157,106

TABLE 5. Opening and Closing Inventories, 1954.

	Raw materials and supplies		Goods in process		Finished goods		Total	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
							\$	\$
Atlantic Provinces ¹	478,790	393,710	177,310	130,690	671,121	598,564	1,327,221	1,122,964
Quebec	2,637,071	2,468,682	641,636	525,634	6,245,928	4,930,487	9,524,635	7,924,803
Ontario	6,674,218	6,702,244	2,290,649	2,279,188	7,767,569	8,200,265	16,732,436	17,181,697
Manitoba	1,611,851	1,644,002	163,741	173,754	3,445,726	3,440,225	5,221,318	5,257,981
Saskatchewan.....	340,312	327,987	102,423	112,479	1,651,163	1,615,808	2,093,898	2,056,274
Alberta	1,472,420	1,806,962	548,387	587,555	3,750,257	3,639,427	5,771,064	6,033,944
British Columbia	1,151,190	1,176,550	152,598	209,781	1,233,247	1,230,472	2,537,035	2,616,803
Canada	14,365,832	14,520,137	4,076,744	4,019,081	24,765,011	23,655,248	43,207,607	42,194,466

1. Newfoundland, Prince Edward Island, Nova Scotia and New Brunswick.

TANKAGE

The total available supply of tankage in its primary form showed an increase of 5 p.c. over the previous year. This increase was reflected in a 14 p.c. rise in the quantity used for further processing by reporting plants. The amount sold or otherwise disposed in primary form and inventory held at the end of the year declined by 4.7 p.c. and 6.7 p.c. respectively.

Total available supply of tankage in secondary form was up by 4.4 p.c. over 1953. Over half of this available supply was used in manufacturing feeds, 14 p.c. more being used for this purpose than in the previous year. The amount of secondary tankage sold or otherwise disposed declined by 3.1 p.c. while inventory held at end of year likewise showed a decrease of 21.9 p.c. from 1953.

TABLE 6. Primary Production of Tankage and Products Derived Therefrom, 1954
(A) Primary Production

Tankage	Supply			4 Total available supply	Disposal		
	1 Inventory first of year	2 Production in reporting plants	3 Purchases and transfers		5 Used for further processing	6 Sold or otherwise disposed	7 Inventory end of year
Pounds							
Bones:							
Edible.....	91,405	6,212,312	—	6,303,717	1,151,966	5,110,429	41,322
Inedible.....	249,522	8,341,105	187,750	8,778,377	3,706,321	4,789,180	282,876
Green.....	67,544	21,172,822	10,000,000	31,240,366	—	31,197,451	42,915
Dried Blood:							
Edible and inedible..	320,149	7,889,368	1,873,013	10,082,530	5,639,801	4,028,491	414,238
Hooves and Horns.....	260,661	2,311,862	539,688	3,112,211	811,927	1,971,472	328,812
Tankage:							
Dry rendered.....	3,199,502	99,114,274	31,833,014	134,146,790	100,914,048	30,589,504	2,643,238
Wet rendered.....	671,147	14,263,861	2,140,270	17,075,278	9,325,670	7,295,161	454,447
Fertilizer	2,255	299,479	130,400	432,134	68,613	342,221	21,300
Total	4,862,183	159,605,083	46,704,135	211,171,403	121,618,346	85,323,909	4,229,148

(B) Secondary Production

'Primary Products', appearing in Column 5 above, when PROCESSED, will appear in column 2 below as 'Secondary Production'.

Final Product	Supply			4 Total available supply	Disposal		
	1 Inventory first of year	2 Production from own processing	3 Purchases and transfers		5 Used in mfg. feeds	6 Sold or otherwise disposed	7 Inventory end of year
Pounds							
Blood meal.....	110,900	5,826,921	83,000	6,020,821	3,190,308	2,708,864	121,649
Bone meal	474,045	3,118,895	1,670,240	5,263,180	1,834,474	3,094,179	334,527
Hoof meal.....	111,875	723,060	40,000	874,935	39,775	762,785	72,375
Meat meal.....	557,220	48,953,739	32,500	49,543,459	19,937,642	28,990,486	615,331
Meat scraps (cracklings)	1,415,688	58,391,099	747,152	60,553,939	36,972,930	22,256,064	1,324,945
Other ¹	47,751	4,000,027	872,545	4,920,323	2,893,131	1,935,697	91,495
Total	2,717,479	121,013,741	3,445,437	127,176,657	64,868,260	59,748,075	2,560,322

1. Including bone flour, lung meal and liver meal.

TABLE 7. Animals Slaughtered and Materials Used, 1954

No.	Kind		Atlantic Provinces	Quebec	Ontario
1	Beeves slaughtered	No.	33,436	261,481	589,195
2	Dressed weight	lb.	14,559,324	128,747,510	295,246,484
3	Cost value	\$	3,952,960	35,479,385	90,217,161
4	Sheep and lambs, slaughtered	No.	32,932	178,011	167,165
5	Dressed weight	lb.	1,317,912	7,249,898	7,416,209
6	Cost value	\$	447,283	2,668,707	3,070,477
7	Hogs, slaughtered	No.	144,240	1,012,244	1,636,854
8	Dressed weight	lb.	22,244,362	161,798,824	262,909,363
9	Cost value	\$	7,344,153	50,822,266	81,877,267
10	Calves, slaughtered	No.	18,250	402,950	173,629
11	Dressed weight	lb.	1,965,523	37,459,457	22,109,689
12	Cost value	\$	487,335	10,373,555	7,266,079
13	Dressed meat purchased fresh or partially cured	lb.	11,642,061	95,351,836	83,767,316
14		\$	3,681,783	30,156,126	30,112,842
15	Poultry	lb.	1	1	1
16		\$	—	—	—
17	Coconut oil	lb.	—	2	25,561,424
18	Cottonseed oil	lb.	—	2	36,625,909
19	Palm oil	lb.	—	2	42,961,967
20	Soya-bean oil	lb.	—	2	73,288,166
21	Sunflower seed oil	lb.	—	—	3
22	Other vegetable oils	lb.	—	2	7,779,645
23	Total, vegetable oils	lb.	—	2	186,217,111
24		\$	—	—	26,781,689
25	Animal oils and fats	lb.	388,700	2	22,647,624
26		\$	50,609	—	2,857,397
27	Marine oils	lb.	—	2	33,023,310
28		\$	—	—	3,072,566
29	Sausage casings, animal	\$	27,975	442,414	809,268
30	Sausage casings, artificial	\$	77,005	364,041	1,070,078
31	Containers, wrappings, cases, etc.,	\$	363,976	3,221,698	8,288,534
32	Process supplies	\$	24,468	717,890	1,296,126
33	All other materials	\$	173,198	5,908,940	2,427,859
34	Amount paid out for custom killing	\$	—	106,157	95,497
35	Total value	\$	16,630,745	140,261,179	259,342,840

1. Included with "dressed meat purchased fresh or partially cured".

2. Included with "other materials".

TABLE 7. Animals Slaughtered and Materials Used, 1954 with Totals for 1953

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1954	1953	
342,761	76,033	270,703	118,427	1,692,091	1,469,346	1
170,400,048	35,475,223	136,937,079	61,849,493	843,215,161	740,879,794	2
44,377,423	9,063,684	36,698,704	18,258,422	238,047,739	229,361,419	3
59,125	8,304	55,699	66,115	567,351	538,949	4
2,602,550	388,556	2,567,465	3,059,359	24,601,949	23,730,289	5
941,168	120,192	965,227	1,291,608	9,504,662	9,839,185	6
588,745	228,699	1,072,414	323,233	5,006,429	5,100,583	7
97,636,046	37,657,067	166,854,229	51,259,583	800,359,474	805,093,957	8
27,199,898	9,910,191	50,168,686	15,792,632	243,115,093	240,413,690	9
119,043	20,944	77,177	21,647	833,640	752,426	10
17,645,449	3,444,541	13,922,959	4,195,937	100,743,555	92,073,035	11
5,252,814	961,831	3,860,997	1,078,867	29,281,478	29,180,175	12
11,711,793	4,149,312	7,610,460	11,003,032	225,235,810	226,090,079	13
3,797,631	1,365,701	2,371,662	4,812,824	76,298,569	77,308,644	14
1	1	1	1	1	33,951,570	15
—	—	—	—	—	15,890,249	16
2,452,890	—	—	2	30,814,455	35,471,964	17
3	—	2	2	53,622,395	43,026,294	18
3	—	—	—	48,185,616	24,910,615	19
5,667,650	—	—	—	81,824,300	87,315,091	20
3	—	—	—	3	2,331,652	21
3,290,502	—	2	2	11,150,078	8,073,424	22
11,411,042	—	2	2	225,596,844	201,129,040	23
1,723,510	—	—	—	32,908,120	31,017,141	24
2	2	2	2	38,665,050	43,971,450	25
—	—	—	—	4,854,312	4,673,987	26
2	—	—	2	38,180,317	20,628,734	27
—	—	—	—	3,574,695	1,802,778	28
230,387	97,729	193,616	61,044	1,962,433	1,408,885	29
285,588	110,482	385,174	134,674	2,427,042	2,453,828	30
3,423,985	537,058	3,519,530	1,010,870	20,365,651	18,871,334	31
198,215	190,504	475,493	262,139	3,164,835	1,456,513	32
1,591,991	1,035,114	1,945,577	2,061,652	8,292,975	9,086,127	33
73,300	24,368	25,794	29,201	354,317	4	34
89,095,910	23,416,854	100,610,460	44,793,933	674,151,921	672,763,955	35

3. Included with "other vegetable oils".

4. Not available prior to 1954.

TABLE 8. Employment and Earnings by Provinces, 1953-1954

Province	Average number					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	No.	No.	No.	No.	No.	\$	\$	\$
1953								
Atlantic Provinces ¹	113	35	383	98	629	499,522	1,336,562	1,836,084
Quebec	757	168	3,011	531	4,467	3,830,431	9,950,506	13,830,937
Ontario	1,335	539	5,607	1,225	8,706	7,768,635	21,348,669	29,117,304
Manitoba	585	146	1,923	434	3,088	2,850,059	7,507,416	10,357,475
Saskatchewan	143	59	769	171	1,142	817,991	2,838,795	3,656,786
Alberta	469	233	2,122	554	3,378	2,562,304	8,046,221	10,608,525
British Columbia	216	81	977	203	1,477	1,258,368	3,766,464	5,024,832
Canada	3,618	1,261	14,792	3,216	22,887	19,637,310	54,794,633	74,431,943
1954								
Atlantic Provinces ¹	117	31	421	94	663	473,910	1,495,500	1,969,410
Quebec	807	173	2,854	522	4,356	4,648,550	10,208,777	14,857,327
Ontario	1,476	541	5,466	1,240	8,723	8,464,107	21,671,829	30,135,936
Manitoba	635	157	1,927	402	3,121	3,299,489	7,272,114	10,571,603
Saskatchewan	121	61	724	169	1,075	733,631	2,921,324	3,654,955
Alberta	559	262	2,251	571	3,643	3,120,086	9,203,345	12,323,431
British Columbia	186	78	943	211	1,418	1,180,181	4,006,247	5,186,428
Canada	3,901	1,303	14,586	3,209	22,999	21,919,954	56,779,136	78,699,090

1. Newfoundland, Prince Edward Island, Nova Scotia and New Brunswick.

TABLE 9. Production Workers, by Months, 1953 and 1954

Months	1953			1954		
	Male		Female	Total	Male	Female
	No.	No.	No.	No.	No.	No.
January	14,306	2,904	17,210	14,215	2,961	17,176
February	13,991	2,884	16,875	13,817	2,870	16,687
March	14,176	2,957	17,133	13,769	2,850	16,619
April	14,277	3,097	17,374	13,887	2,981	16,868
May	14,922	3,400	18,322	14,481	3,241	17,722
June	15,010	3,565	18,575	14,860	3,451	18,311
July	15,197	3,585	18,782	14,966	3,591	18,557
August	15,011	3,461	18,472	14,946	3,390	18,336
September	14,723	3,246	17,969	14,993	3,349	18,342
October	14,971	3,158	18,129	15,133	3,350	18,483
November	15,195	3,168	18,363	15,421	3,348	18,769
December	14,507	2,954	17,461	14,778	3,123	17,901
Average	14,792	3,216	18,008	14,586	3,209	17,795

TABLE 10. Classification of Establishments According to Number of Employees, 1954

Province	Number of establishments	Establishments employing				
		Less than 20 persons	20 to under 50 persons	50 to under 100 persons	100 to under 300 persons	300 persons and over
Number						
Atlantic Provinces	10 ¹	4	4	0	1	1
Quebec	40	14	13	3	7	3
Ontario	57	27	9	8	7	6
Manitoba	13	6	2	1	1	3
Saskatchewan	8	1	1	3	2	1
Alberta	15	6	1	1	1	6
British Columbia	11	4	1	1	3	2
Canada	154	62	31	17	22	22

1. Newfoundland 2; Prince Edward Island 1; Nova Scotia 4; New Brunswick 3.

TABLE 11. Principal Statistics of the Slaughtering and Meat Packing Industry in Canada, Grouped According to Size of Establishments, 1953 and 1954

Establishments having a production of	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
1953					
Under \$100,000	14	65	150,422	682,042	917,643
\$100,000 to \$499,999	39	409	958,214	7,673,186	9,860,061
\$500,000 to \$699,999	11	274	587,219	4,947,257	6,206,762
\$700,000 to \$999,999	14	359	872,349	9,923,027	11,770,364
\$1,000,000 and over	74	21,730	71,863,739	649,538,443	800,713,192
Total	152	22,887	74,431,943	672,763,955	829,468,022
1954					
Under \$100,000	13	58	115,897	735,029	896,768
\$100,000 to \$499,999	43	482	1,144,104	9,470,544	11,978,876
\$500,000 to \$699,999	10	190	463,607	5,060,035	6,160,931
\$700,000 to \$999,999	9	256	606,126	6,275,590	7,909,977
\$1,000,000 and over	79	22,013	76,369,356	652,610,723	810,561,928
Total	154	22,999	78,699,090	674,151,921	837,508,480

TABLE 12. Principal Statistics Classified According to Type of Ownership, 1953 and 1954

Type	Establishments	Employees	Earnings	Cost at plant	Selling value
				of materials used	of factory shipments
1953					
Individual ownerships.....	32	359	888,149	9,716,638	11,655,601
Partnerships.....	14	299	945,846	12,911,655	14,667,169
Incorporated companies	102	21,866	71,678,891	637,726,318	787,444,278
Cooperative associations.....	4	363	919,057	12,409,344	15,700,974
Total	152	22,887	74,431,943	672,763,955	829,468,022
1954					
Individual ownerships.....	25	233	549,176	7,455,831	8,259,367
Partnerships.....	15	385	1,260,296	18,274,571	20,281,333
Incorporated companies	110	21,953	75,724,580	632,627,417	791,194,199
Cooperative associations.....	4	428	1,165,038	15,794,102	17,773,581
Total	154	22,999	78,699,090	674,151,921	837,508,480

TABLE 13. Estimated Capital, Repair and Maintenance Expenditures 1948 - 1954

(Thousands of dollars)

Year	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Con- struc- tion	Machin- ery and equip- ment	Sub- total	Con- struc- tion	Machin- ery and equip- ment	Sub- total	Con- struc- tion	Machin- ery and equip- ment	Total
1948.....	2,213	3,751	5,964	3,410	3,701	7,111	5,623	7,452	13,075
1949.....	1,531	3,870	5,401	1,633	5,383	7,016	3,164	9,253	12,417
1950.....	2,189	3,195	5,384	1,515	5,535	7,050	3,704	8,730	12,434
1951.....	2,295	3,500	5,795	2,217	5,300	7,517	4,512	8,800	13,312
1952.....	3,070	4,722	7,792	2,371	5,769	8,140	5,441	10,491	15,932
1953.....	2,109	4,798	6,907	2,600	7,711	10,311	4,709	12,509	17,218
1954 ¹	4,256	4,504	8,760	2,277	7,153	9,430	6,533	11,657	18,190

1. Preliminary.

Foreign Trade

TABLE 14. Imports into Canada, for Consumption, of Meat and Meat Products, during the calendar years, 1952, 1953 and 1954

Articles	1952	1953	1954
MEATS, FRESH, CHILLED OR FROZEN			
Beef and veal, fresh, chilled or frozen	lb. 733,363 \$ 382,720	1,474,939 490,793	3,329,792 861,773
Mutton and lamb, fresh, chilled or frozen	lb. 2,661,349 \$ 399,095	4,745,089 1,123,146	7,324,373 1,658,440
Pork, fresh, chilled or frozen	lb. 1,852,885 \$ 428,230	189,739 87,614	1,313,722 592,887
Poultry and game, quails, partridges and squabs, dead or alive, n.o.p.	\$ 479,375	4,115,079	3,442,160
Edible offal, fresh, chilled or frozen	lb. 1,593,920 \$ 261,789	4,120,775 413,011	3,768,966 459,888
Other meats, fresh, chilled or frozen	lb. 232,671 \$ 70,929	56,507 37,653	42,806 29,859

Foreign Trade

TABLE 14. Imports into Canada, for Consumption of Meat and Meat Products, during the calendar years, 1952, 1953 and 1954 — Continued

Articles		1952	1953	1954
MEATS, PREPARED, PRESERVED OR CANNED				
Bacon, hams, shoulders and other pork, prepared or preserved, other than canned.....	lb.	116,979	246,548	168,166
	\$	43,080	115,682	76,665
Beef, canned	lb.	11,306,407	8,261,916	12,748,171
	\$	3,573,128	2,710,106	3,926,104
Beef, pickled	lb.	8,974,938	10,576,314	12,857,122
	\$	2,009,406	1,806,023	2,345,611
Canned meats, poultry and game, n.o.p.	lb.	2,878,179	3,280,915	3,230,088
	\$	1,075,232	1,232,966	1,130,615
Extracts of meat and fluid beef, not medicated	\$	322,026	656,115	412,326
Meats, prepared or preserved, other than canned, n.o.p.	lb.	37,837	69,829	40,116
	\$	65,803	41,603	15,402
Pork, barrelled, in brine	lb.	2,852,816	—	—
	\$	435,322	—	—
Pork, dry-salted	lb.	2,085	144	—
	\$	593	53	—
Sausage	lb.	57,193	27,417	37,649
	\$	46,329	18,132	24,461
Soups, soup rolls, tablets, cubes or other soup preparations, n.o.p.	\$	130,430	252,146	250,387
OILS, FATS, GREASES AND WAXES				
Lard oil	gal.	7,827	10,980	8,300
	\$	14,412	20,270	17,779
Neat's-foot oil	gal.	84	977	83
	\$	303	2,180	75
Other animal oils, n.o.p.	gal.	19,511	354,929	11,079
	\$	36,988	547,956	12,928
Lard, lard compound and similar substances, cottolene and animal stearine of all kinds, n.o.p.	lb.	1,265,144	6,790,352	2,850,474
	\$	186,092	764,357	402,341
Tallow	lb.	3,406,045	3,948,955	3,670,373
	\$	207,451	215,596	273,501
Grease, rough	cwt.	243,378	118,734	105,327
	\$	1,487,289	690,272	781,518
HIDES AND SKINS, N.O.P.				
Calf skins and kips, raw, whether dry, salted or pickled	no.	300,623	395,970	430,139
	\$	840,028	1,691,208	1,524,406
Cattle hides, raw, whether dry, salted or pickled	no.	455,714	455,089	371,483
	\$	3,486,848	3,316,295	2,091,158
Sheepskins, raw, whether dry, salted or pickled	no.	679,705	792,061	846,404
	\$	1,016,002	1,240,327	909,421
Goat skins and kidskins, raw	no.	74,171	120,232	14,260
	\$	58,345	116,366	18,234
Hide sections or bellies	no.	616,973	355,384	391,154
	\$	669,260	513,021	545,104
Other hides and skins, raw, n.o.p., whether dry, salted or pickled, and raw pelts	no.	10,929	3,339	52,339
	\$	80,870	16,672	12,701
BONES, HORNS, ETC.				
Bones, crude	cwt.	25,802	9,986	4,454
	\$	88,631	38,200	34,134
Bone dust, charred bone and bone ash	cwt.	63,723	58,217	57,663
	\$	161,926	178,349	164,597
Bone pitch, crude only	cwt.	4,275	6,679	4,306
	\$	30,269	40,784	28,438
Charcoal, animal, for use in the refining of sugar or corn products	cwt.	28,999	26,555	25,231
	\$	256,037	206,789	193,556
HAIR AND BRISTLES				
Bristles, animal	lb.	200,794	479,784	273,496
	\$	959,183	1,666,942	757,467
Hair, not dyed or curled or otherwise manufactured	lb.	1,147,530	2,206,235	2,207,409
	\$	260,298	360,687	309,965
Horse hair not further manufactured than cleaned and dipped or dyed....	lb.	340,118	286,376	262,887
	\$	447,398	386,753	213,001

Foreign Trade

TABLE 14. Imports into Canada for Consumption of Meat and Meat Products during the calendar years 1952, 1953 and 1954 — Concluded

Articles		1952	1953	1954
MISCELLANEOUS ANIMAL PRODUCTS, N.O.P.				
Gelatine, edible	lb.	2,118,817	2,488,476	2,338,114
	\$	1,164,186	1,301,144	1,141,650
Gelatine, inedible, for photographic use	lb.	168,132	233,619	286,083
	\$	240,563	361,032	437,115
Gelatine, inedible, n.o.p.	lb.	64,548	87,746	137,523
	\$	18,759	24,783	40,401
Glue, animal, powdered or sheet	lb.	1,500,594	1,480,838	1,597,176
	\$	216,586	234,363	256,859
Glue, n.o.p.	lb.	163,762	226,367	135,846
	\$	52,796	69,308	43,353
Horse meat, tripe and other animal offal, ground or unground, unfit for human consumption; feeds consisting wholly or in part of cereals but not including baked biscuits; for feeding fur-bearing animals or for the manufacture of feeds for such purposes.....	cwt.	15,703	14,947	18,107
	\$	85,138	79,460	119,502
Dog food and pet stock food.....	\$	206,608	156,312	244,787
Rennet, raw and prepared.....	lb.	40,367	85,722	72,380
	\$	30,237	45,099	53,077
Sausage casings or skins, cleaned.....	\$	3,238,377	1,872,861	2,220,576
Sausage casings or skins not cleaned.....	\$	434,163	281,933	317,115
Tankage.....	cwt.	42,601	44,621	45,076
	\$	83,079	73,949	62,169
Wool in the grease.....	lb.	10,390,861	12,599,534	7,621,472
	\$	6,569,822	8,995,723	5,689,863
Wool, washed or scoured.....	lb.	13,070,380	13,232,923	8,604,717
	\$	10,667,901	12,255,740	8,271,649
Wool, pulled or sliped.....	lb.	901,904	999,024	573,857
	\$	613,885	719,381	451,695
Total Value of Imports of Meat Products.....	\$	43,633,217	51,584,234	42,916,714

TABLE 15. Exports of Products of the Canadian Slaughtering and Meat Packing Industry, during the calendar years, 1952, 1953 and 1954

Articles		1952	1953	1954
MEATS, FRESH, CHILLED OR FROZEN				
Beef and veal, fresh, chilled and frozen	cwt.	668,463	255,230	185,976
	\$	30,322,806	9,267,498	4,537,526
Frogs' legs, fresh	lb.	32,973	16,950	13,363
	\$	32,622	13,759	9,655
Mutton and lamb, fresh, chilled and frozen.....	cwt.	463	519	530
	\$	30,307	28,664	28,225
Pork, fresh, chilled and frozen.....	cwt.	28,856	397,664	409,753
	\$	1,212,478	15,641,615	17,545,277
Poultry, dressed or undressed.....	lb.	536,968	218,060	388,808
	\$	253,256	107,311	160,423
MEATS, PREPARED, PRESERVED OR CANNED				
Bacon and hams, shoulders and sides, cured or smoked	cwt.	35,393	70,274	80,777
	\$	2,502,016	5,508,128	6,348,698
Beef, pickled, in barrels	cwt.	1,126	6,354	12,838
	\$	33,826	120,942	259,845
Hams, canned	lb.	12,822,419	17,144,010	11,335,418
	\$	10,131,004	14,490,989	9,932,084
Canned meats, n.o.p.	lb.	2,615,286	5,604,332	38,884,671
	\$	983,213	2,188,519	7,653,492
Extract of beef	lb.	43,839	35,203	52,395
	\$	25,144	25,200	28,603

TABLE 15. Exports of Products of the Canadian Slaughtering and Meat Packing Industry, during the calendar years 1952, 1953 and 1954 — Concluded

Articles		1952	1953	1954
MEATS, PREPARED, PRESERVED OR CANNED — Concluded				
Pork, dry-salted	cwt.	—	—	—
\$	\$	—	—	—
Pork, pickled, in barrels	cwt.	71,712	56,359	70,007
\$	\$	939,394	684,889	1,099,428
Meats, cooked, including bologna and weiners	cwt.	17,747	28,569	35,836
\$	\$	1,146,945	2,079,809	2,690,728
Soups, n.o.p.	lb.	2,626,379	1,142,110	1,588,425
\$	\$	443,455	217,913	288,911
Edible offal or beef, veal, pork, mutton and lamb	cwt.	25,347	66,796	89,539
\$	\$	374,947	1,095,550	1,418,338
Meats, n.o.p.	cwt.	37,232	40,348	48,068
\$	\$	576,419	776,651	1,035,258
OILS, FATS, GREASES AND WAX				
Neat's-foot and other animal oils, n.o.p.	gal.	63,874	27,389	64,108
\$	\$	69,998	27,494	86,510
Grease, grease scraps and animal soap stock	cwt.	2,330	1,117	9,524
\$	\$	7,886	6,565	48,927
Lard	cwt.	142,887	14,263	6,756
\$	\$	1,243,872	169,804	121,430
Tallow	cwt.	129,986	248,096	285,022
\$	\$	890,398	1,251,720	1,897,199
Wax, animal	lb.	32,429	5,549	70,953
\$	\$	22,899	4,078	48,342
HIDES AND SKINS				
Calf hides and skins	no.	741,872	650,718	598,040
\$	\$	2,264,433	2,722,859	1,933,897
Cattle hides and skins	no.	222,948	333,261	792,757
\$	\$	1,940,301	2,800,223	5,315,938
Pig hides and skins	cwt.	—	—	—
\$	\$	—	—	—
Horse hides and skins	no.	47,125	72,117	42,847
\$	\$	270,704	579,360	327,522
Sheep hides and skins	no.	97,553	117,738	115,524
\$	\$	115,410	140,251	285,496
Hides and skins, n.o.p.	no.	368,910	671,203	577,792
\$	\$	572,418	741,363	518,020
BONES, HORNS, ETC.				
Bones, crude	cwt.	9,274	16,097	8,053
\$	\$	37,359	77,219	36,615
Bone dust and bone meal	cwt.	16,653	23,165	25,922
\$	\$	78,648	82,477	102,148
Horns and hooves	cwt.	1,354	5,418	8,842
\$	\$	6,020	22,605	31,943
MISCELLANEOUS ANIMAL PRODUCTS				
Wool, in the grease	lb.	2,612,347	3,098,261	2,537,371
\$	\$	1,389,346	1,585,865	1,337,958
Wool, scoured or washed, pulled, or sliped	lb.	214,599	40,890	40,563
\$	\$	202,967	29,810	37,615
Hair and bristles	lb.	1,312,381	1,192,960	833,203
Glue	cwt.	3,446	1,419	2,009
\$	\$	61,092	21,510	30,602
Glue stock	cwt.	92,476	133,126	115,190
\$	\$	192,080	203,515	213,060
Tankage	cwt.	141,278	66,076	84,651
\$	\$	628,699	183,475	324,016
Sausage casings	\$	1,919,084	2,077,402	2,302,475
Total Value of Exports of Products of the Slaughtering and Meat Packing Industry	\$	62,232,827	66,167,992	68,869,407

List of Operators of Slaughtering and Meat Packing Plants

Name	Address
Newfoundland:	
Peter Pan Sales Ltd.....	Lime St., St. John's
Chalker & Co., Ltd.....	Water St., E., St. John's
Prince Edward Island:	
Canada Packers Ltd.....	Grafton St., Charlottetown
Nova Scotia:	
Atlantic Meat Packers Ltd.....	423 Brunswick St., Halifax
Eastern Meat Packers Ltd.....	18 Liberty Ave., New Glasgow
Hingley, Walter S.....	122 Main Street, Truro
Larsen's Wholesale.....	Main Street, Berwick
McDonald, Wm.....	512 Esplanade, Sydney
Siddall's Wholesale Ltd.....	104 Victoria St., W., Amherst
New Brunswick:	
Canada Packers Ltd.....	Thorne Ave., Saint John
Swift Canadian Co., Ltd.....	Albert St., Extension, Moncton
Taylor, G. E.....	220 Bridge Street, Saint John
Quebec:	
Abattoir Champlain Enr.....	Champlain
Abattoir Coopérative Fédérée Abattoir.....	255, rue Elouin, Québec
Abattoir Régional du Richelieu.....	206 rue du Collège, Sorel
Boisvert & Frère.....	Acton Vale
Bovril (Canada), Limited.....	9500 St. Lawrence Blvd., Montréal
Pourassa, Limitée, Noé.....	1500 Chemin de la Côte de L'Assomption, Ville Mont-Royal
Brassard & Frères Ltée.....	540, rue Brassard, Chicoutimi
Canada Packers, Limited.....	1260 Mill Street, Montreal
Canada Packers, Limited.....	210 Montcalm St., Hull
Coopérative Fédérée de Québec.....	Princeville - E.O. Montreal
Coorsh & Sons, Ltd., S.....	228 Ontario St., E., Montreal
Dominion Packers Limited.....	11400 Sherbrooke St., E., Montreal
Dominion Produce Co., Ltd.....	335 St. Paul St., E., Montreal
Drack's Food Products Ltd.....	1205 Van Horne Ave., Outremont
Eastern Abattoirs, Limited.....	4445 Iberville St., Montreal
Etinson's Delicatessen Products Inc.....	3671 St. Lawrence Blvd., Montreal
Excel Packing Corporation.....	4995 Angers St., Montreal
Frontenac Packing Ltd.....	4365 Frontenac St., Montreal
Granby Packing Co. Ltd.....	Granby
Hoffner's Food Products Inc.....	415 Eustache St., Montreal
Lafleur, Ltée, Alphonse.....	350-51 ^{er} rue, Québec
Lavoie & Frères Enr.....	Rang St-Jean Baptiste, Chicoutimi
Legrade Inc.....	Rue d'Estimauville, Québec Ouest
McGarry & Co., Ltd.....	708 St. Paul St., W., Montreal 3
Marché de Québec, Inc.....	342-1 ^{re} Avenue, Limoilou
Melrose Packers Corp.....	236 Mt. Royal St. E., Montreal
Modern Packers Limited.....	4670 Iberville St., Montreal
Morantz Meat Co. Ltd., C.....	306 Oak St., Montreal
Nu Way Food Products Inc.....	6555 Papineau Avenue, Montreal
Ouellet, Arthur.....	Ste-Perpétue
Oxo (Canada) Limited.....	1910 St. Antoine Street, Montreal 3
Pesner Brothers Limited.....	968 Notre Dame Street W., Montreal
Produits Mont Joli Ltée, Les.....	Mont-Joli
Salaison Maisonneuve Ltée.....	1420, Avenue Lasalle, Montreal
Salaison St-Jérôme Ltée.....	St-Jérôme
Supreme Packers Inc.....	5149 Marquette St., Montreal
Swift Canadian Co., Ltd.....	1000 Craig St., E., Montreal
Sylvain Frères.....	505 Rue Durocher, Québec
United Packing Co., Ltd.....	4365 Frontenac St., Montreal
Wilsil, Limited & City Renderers.....	1239 Mill Street, Montreal
Ontario:	
Abattoir by Products.....	2 Tecumseh St., Toronto
Arthur Limited, T.....	952 Millwood Road, Leaside
Aylmer Packers.....	R.R. 2, Belmont
Boyes & Fox.....	28 Bedford St., Cornwall
Brenner Packers Limited.....	497 Cataract Street, Windsor
Burns & Company (Eastern) Limited.....	901 Guelph Street, Kitchener

List of Operators of Slaughtering and Meat Packing Plants — Continued

Name	Address
Ontario — Concluded:	
Canada Packers, Limited	2200 St. Clair Avenue W., Toronto 9
Canada Packers, Limited	148 George Street, Peterborough
Canadian Abattoir	138 St. Helens Ave., Toronto
Canadian Dressed Meats, Ltd.	109 Ryding Ave., Toronto
Cawkers Brothers	Queen Street, Port Perry
Coleman Packing Co., Limited	First Street, London
Cornwall Abattoir	Cumberland & Ninth Sts., Cornwall
Courtland Packers Co.	Courtland
D'Aoust, Achille	36 Beechwood Avenue, Eastview
Elgin Packers	193 Talbot Street, St. Thomas
Essex Packers Limited	Wentworth St., N., Hamilton
Essex Packers Limited	897 Mercer Street, Windsor
Essex Packers Limited	Merriton
Family Packers	21 Jarvis Street, Hamilton
Fearman Co., Ltd., F. W.	226 Rebecca Street, Hamilton
First Co-operative Packers of Ontario, Limited, The	272 Innisfil St., Barrie
Fuller, W. R.	147 Boston Avenue, Toronto
Giffin, Arthur	Frankville
Grantham Packers Ltd.	Hartzell Road, St. Catharines
Greenspan & Sons, Karl	172 Harbord St., Toronto
Gronau Meat Packers	91 Bridgeport Road, Waterloo
Gross & Sons, Morris	388 Clinton St., Toronto
Hague, Harry	955 Logan Avenue, Toronto 6
Hoffman & Sons Ltd., Phillip	352 Maple Ave., Kitchener
Hunnissett Limited, Frank	2306 St. Clair Avenue, W., Toronto 9
Ideal Pork Products, Limited	1310-2nd Avenue E., Owen Sound
Kitchener Packers Co. Ltd.	210 Springvalley Road, Kitchener
Leikin Meat Co. Ltd.	316 Savard Ave., Eastview
Lever Brothers Limited	299 Eastern Avenue, Toronto
Louis Cured Meats	R.R. 4, Hamilton
Lucas Co., R. J.	3 Carlaw Ave., Toronto
McFedridge, W. J.	Bath Rd., Kingston
Meldrum Co., The	14 Vancouver Ave., Toronto
Moyer, Ellis	98 Queenston St., St. Catharines
Northern Produce	433 Laforest Ave., Sudbury
Ontario Reformatory, The	Guelph
Owen Sound Abattoir	R.R. 5, Owen Sound
Plumstead Products	5 Jarvis Street, Toronto
Prime Packers	99 Ryding Ave., Toronto
Presswood Brothers	30 Maybank Avenue, Toronto
Procter & Gamble Co., of Canada, Ltd., The	Burlington Street E., Hamilton
Proctor Packers, Limited	543 Greenwich Street, Brantford
Quality Meat Packers	203 First Avenue, Toronto 8
Roberts Co. Ltd., L.	Binbrook
Schneider, Limited, J. M.	321 Courtland Avenue E., Kitchener
Straffordville Packers	Straffordville
Swift Canadian Co., Ltd.	1960 St. Clair Avenue W., Toronto
Timmins Packers Ltd.	Preston St., S., Timmins
Toronto Municipal Abattoir	2 Tecumseh Street, Toronto
Twin City Abattoir	822 McLaughlin St., Fort William
Whyte Packing Co., Ltd., The	78 Linton Avenue, Stratford
Windsor Packing Co., Limited	Wellington At Tecumseh Rd., Windsor
York Packing Co., Limited	104 Trowell Ave., Toronto
Manitoba:	
Brandon Packers Limited.....	12th Street North, Brandon
Buffalo Packers Ltd.	555 Dawson Rd., St. Boniface
Burns & Company Limited	1010 Logan Avenue, W., Winnipeg
Canada Packers Limited	660 Marion Street, St. Boniface
Dent's English Bacon Co., Ltd.	286 Fort Street, Winnipeg
Kosher Meat Canning Co., Ltd.	358 Flora Ave., Winnipeg
Laurel Beef Company Limited	505 Dawson Road, St. Boniface
Manitoba Packing Limited	607 Dawson Road, St. Boniface
Margolis Co., Ltd., P.	396 Stella Ave., Winnipeg
North West Packers Ltd.	679 Dawson Road, St. Boniface
Public Abattoir Limited	341 Dupuy Street, St. Boniface
St. Boniface Abattoir, Ltd.	346 Dupuy Street, St. Boniface
Swift Canadian Company Limited	Archibald St., St. Boniface
Saskatchewan:	
Alsask Processors Ltd.	Swift Current
Burns & Company Limited	15th St., E., & 6th Ave., Prince Albert
Burns & Company Limited	Winnipeg St., Regina

List of Operators of Slaughtering and Meat Packing Plants – Concluded

Name	Address
Saskatchewan – Concluded:	
Canada Packers Limited	601 Home Street W., Moose Jaw
Empire Meat Company Limited	330 Second Avenue S., Saskatoon
Intercontinental Packers Limited	Eleventh Street, West, Saskatoon
Intercontinental Packers Ltd.	1773 Reynolds Street, Regina
Punnichy Horse Processing Plant	Punnichy
Alberta:	
Alberta Horsemeat Packer Ltd.	14a St. N.E., Calgary
Alsask Processors Ltd.	Edmonton
Burns & Company Limited	Portland Street, Calgary
Burns & Company, Limited	120th Avenue, Edmonton
Calgary Packers	26th Ave., & 11th St., E., Calgary
Canada Packers Limited	Fort Road & 70th Street, Edmonton
Capital Packers Limited	12907-57th Street, Edmonton
City Abattoir, The	Lethbridge
City Abattoir Co. (Calgary) Ltd.	634-5th Ave. E., Calgary
Gainer, Chester D.	Western Stock Yards, Edmonton
Gainers, Limited	80th Avenue & 96th Street, Edmonton
Hill, W. T.	Lethbridge
Swift Canadian Company Limited	66th St., Edmonton
Union Packing Co. (a division of Swift Canadian Company Limited).....	Box 159, Calgary
Victoria Packers Ltd.	12130-68th St., Edmonton
British Columbia:	
Alberta Meat Co., Ltd.	244 No. 5 Road, Lulu Island
Brown & Sons Limited, H.	50 Water Street, Vancouver
Burns & Company, Limited	Foot of Woodland Drive, Vancouver
Canada Packers Limited	750 Terminal Avenue, Vancouver
Cariboo Meat Packing Co. Ltd.	South Fort George
Clappison Packers Ltd.	River Road, Haney
Fletcher's Limited	8385 Fraser Ave., Vancouver
Pacific Meat Company Limited	8950 Shaughnessy Street, Vancouver
Reid Limited, James Inglis	559 Granville Street, Vancouver
Swift Canadian Company Limited	Brunette St., New Westminster
Thom & Johnston	328 Broadway W., Vancouver

THE SAUSAGE AND SAUSAGE CASINGS INDUSTRY, 1954

The statistics in this section relate to the production of those firms specializing in the manufacture of these products. They do not attempt to show the total production of either sausage or casings, by far the greater proportion of which is

made in the slaughtering and meat-packing industry. In addition, it must be remembered that many small butchers and delicatessen operators make sausage and related products for sale in their own retail establishments.

TABLE 1. Principal Statistics of the Sausage and Sausage Casings Industry Representative Years, 1919 to 1952 and by Provinces, 1953 and 1954

Year	Establishments	Employees	Earnings	Cost at plant of materials used	Cost of fuel and electricity used	Value added by manufacture ¹	Gross selling value of products ²
	No.	No.	\$	\$	\$	\$	\$
1919	14	44	43,756	259,394	2,221 ³	140,400	402,015
1920	18	71	92,018	453,843	3,840 ³	194,219	651,902
1921	22	147	169,674	550,600	6,122 ³	332,582	889,304
1926	35	246	323,493	1,449,120	18,955	662,531	2,130,606
1929	38	262	339,251	1,719,842	25,286	632,533	2,377,661
1930	40	257	328,286	1,701,441	24,063	660,536	2,386,040
1933	61	345	282,845	1,094,131	32,298	557,920	1,684,349
1937	67	417	415,999	1,746,324	42,223	776,720	2,565,267
1938	67	439	433,763	1,909,222	47,663	746,926	2,703,811
1939	65	411	388,032	1,753,907	44,351	698,543	2,496,801
1944	73	482	638,419	3,319,837	67,836	1,138,772	4,526,445
1946	74	599	794,803	4,243,599	85,398	1,827,882	6,156,879
1948	70	641	1,115,419	6,062,372	114,994	1,895,262	8,072,628
1949	75	774	1,423,775	8,260,322	149,309	2,730,967	11,140,598
1950	77	901	1,863,027	9,494,027	192,723	3,792,368	13,479,118
1951	77	1,013	2,241,088	13,098,706	227,280	4,714,222	18,040,208
1952	78	1,126	2,527,874	11,594,221	251,334	5,561,582	17,407,137
1953							
Canada	84	1,367	3,330,391	12,405,672	298,908	6,787,174	19,491,754
Quebec	23	406	954,363	3,795,626	72,713	1,704,377	5,572,716
Ontario	36	667	1,629,837	4,575,401	119,737	2,829,259	7,524,397
Manitoba	8	122	326,140	1,583,327	22,767	314,435	1,920,529
British Columbia	9	107	291,921	1,161,247	19,830	532,598	1,713,675
Other Provinces	8 ⁴	65	128,130	478,620	16,287	180,913	675,820
1954							
Canada	88	1,378	3,867,718	13,635,752	361,320	9,223,215	23,159,330
Quebec	21	387	953,862	4,438,749	86,502	2,176,280	6,690,258
Ontario	43	668	1,904,559	5,571,632	198,602	5,258,662	11,055,163
Manitoba	8	130	422,155	1,803,605	29,273	520,014	2,330,012
British Columbia	9	123	399,536	1,312,222	23,223	1,096,192	2,374,509
Other Provinces	7 ⁵	70	187,606	509,544	23,720	172,067	709,388

1. Figures for "Value added by manufacture" are obtained by subtracting cost of materials used and cost of fuel and electricity from value of production. In 1952 and 1953 value of shipments was used since the value of production could not be ascertained. In 1954 value of production was computed by using the value of shipments plus or minus the increase or decrease in finished goods inventory.

2. Figures for 1952, 1953 and 1954 represent values of factory shipments.

3. Fuel only.

4. Newfoundland, 1; Nova Scotia, 4; New Brunswick, 2; Saskatchewan, 1.

5. Newfoundland, 1; Nova Scotia, 4; New Brunswick, 1; Saskatchewan, 1.

The total value of shipments of the specialized sausage and sausage casings industry in 1954 was \$23,159,330, an increase of 18.8 p.c. over 1953 and an all-time high for the industry. For the second consecutive year shipments of sausage casings rose almost 50 p.c. to account for much of the industry's increase.

In addition to record shipments, the number of establishments; employment; earnings; cost of materials; cost of fuel and electricity and value

added by manufacture all recorded all-time highs, the latter rising 36 p.c. to \$9,223,215.

There were 88 reporting firms in 1954, four more than the previous year. Employees numbered 1,378 and were paid \$3,867,718. In 1953, 1,367 employees in the industry received \$3,330,391.

The increase in cost of materials used was 10 p.c. while cost of fuel and electricity rose by 20.8 p.c.

TABLE 2. Factory Shipments of Establishments in the Industry of Sausage and Sausage Casings, 1954 with Totals for 1953

Kind	Quebec	Ontario	Manitoba	Other Provinces ¹	Canada	
					1954	1953
Sausage.....lb.	3,315,045	6,287,808	1,415,638	4,227,889	15,246,380	14,126,165
	\$ 1,054,628	2,731,706	614,582	1,728,680	6,129,596	5,716,336
Bologna.....lb.	2,217,434	1,363,716	1,458,231	602,207	5,641,588	6,997,412
	\$ 713,742	427,684	369,735	141,763	1,652,924	1,751,368
Frankfurters	lb. 5,681,697	33,500	2	1,212,324	7,062,631	4,636,826
	\$ 1,387,785	14,650	—	357,712	1,809,613	1,556,722
Wieners	lb. 738,772	2,175,715	792,997	85,660	3,793,144	4,151,627
	\$ 211,638	1,120,482	271,738	27,915	1,631,773	1,515,693
Salami	lb. 977,043	1,078,373	178,500	706,172	2,940,088	1,787,987
	\$ 375,040	661,017	99,490	404,285	1,539,832	1,034,982
Blood pudding	lb. 879,048	106,071	84,671	76,696	1,146,486	1,380,875
	\$ 201,845	25,306	33,332	44,636	305,119	324,882
Sausage casings	\$ 276,521	5,205,758	2	2,904	5,487,183	3,679,458
Other products	\$ 2,469,059	868,560	941,135	376,002	4,603,290	3,912,313
Total value.....\$	6,690,258	11,055,163	2,330,012	3,083,897	23,159,330	19,491,754

1. Newfoundland, Nova Scotia, New Brunswick, Saskatchewan, and British Columbia.
2. Included with "Other Products".

Establishments in the Industry of Sausage and Sausage Casings

Name	Address
Newfoundland:	
Parsons & Sons, R.F.	St. John's
Nova Scotia:	
Dacre Brand Sausage Co.	Alexandra St., Sydney
Eastern Sausage Reg'd., The	98 North St., Glace Bay
Horyl & Sons, S.	Union Highway, Scotchtown
Ideal Sausage Company	81 Johnston Street, Sydney
New Brunswick:	
Salaison Gauvin Cie.	Paquetville
Sticklen Ltd., E.S.	Saint John St., Chatham
Quebec:	
Beaudin, Arthur	5789, rue Briand, Montréal
Bilopage Enr.	80-6 ième Rue, Québec
Boudin Perfection	6368, de Chateaubriand, Montréal
Boudin Ideal Trottier & Mainville	4304, rue Parthenais, Montreal
Brunet Enrg., J.A.	8637, rue Drolet, Montréal
Canpodian Casing Corporation	4995 Angers St., Montréal
Charcuterie Hygiénique Enr.	27, rue St-François, Ouest Quebec
Dionne Sausage Company, Saucisse	4457, rue Adam, Montréal
European Sausage	1742 Richardson St., Montreal
Fantino & Mondello Ltd.	6786 St. Lawrence Blv'd., Montreal
Fortier Ltée., O.	10212, rue Lajeunesse, Montréal
Gaudreau & Freres	Magog
Hygrade Food Products Inc.	5437 St. Lawrence Blv'd., Montreal
La Délicieuse Enr.	195, rue de Port-Royal, Montréal
Loong Jung Company	92 Lagachetiere St., W., Montreal
Levitt's Strictly Kosher Delicatessen Products	4419 St. Lawrence Blv'd., Montreal
Provincial Pickled Tongue	5909 Papineau Ave., Montreal
Sepp's Sausage & Delicatessen Co.	4444 Colonial St., Montreal
Supreme Pickled Tongues	5033 Berri Street, Montreal
Taillefer & Fils	2180 Papineau Ave., Montreal
Windsor Packing Reg'd.	3781 St. Lawrence Blv'd., Montreal
Ontario:	
Aubrey, R.H.	Store - No. 6 - Market Square Bldg., Ottawa
Caldwell's Sausage Co. Ltd.	45 Ripley Ave., Toronto
Canada Packers Limited	795 London Street W., Windsor
Castel & Co., J.	620 Burlington St. E., Hamilton
Chatham Packing Company	20 Adelaide Street, S., Chatham
Dominion Viscose Products Ltd.	Ajax
Dracup & Company	503 Parliament Street, Toronto
Frontenac Packers Ltd.	183-185 Ontario Street, Kingston
Goldfield Bros.	377 Murray St., Ottawa
Hachborn, Norman C.	R.R. 3, Kitchener
Hamilton Sausage Co.	24 Morley St., Hamilton
Imperial Sausage Co.	196 Shaw St., Toronto
Kent County Meat Products	239 King St. W., Chatham
Kosher Star Delicatessen	81 B Clarence St., Ottawa
Kwinter Foods.	246 Simcoe St., Toronto
Leslieville Sausage	186 Leslie Street, Toronto
Loblaw Groceries Co., Limited	Fleet & Bathurst Sts., Toronto
M. & G. Salami & Sausage Co.	969 Tecumseh Rd. W., Windsor
Mazur, Adam	1577 Dupont St., Toronto 9
Morrison Meat Packers.	1219 King Street East, Kitchener
Niagara Sausage & Meat Products	R.R. 4, Welland
Oppenheimer Casing Co. of Canada, Ltd.	201 Terminal Building, Toronto 1
Oppenheimer Casing Co. of Canada Ltd.	Stratford
Oshawa Meat Products.	R.R. 3, Kingston Rd. W., Oshawa
Parkdale Sausage Co.	7 Morley St., Hamilton
Provincial Packers Co.	Weston
Quality Meat Products.	Wellington
Ranger's Sausage	456 Aylmer St., N., Peterborough
St. Patrick's Meat & Sausage	236 Queen St. W., Toronto
Sandwich Sausage Co.	1567 Crawford Ave., Windsor
Sanitary Packers Co., Ltd.	11th Street East, Cornwall
Shopsy's Foods, Ltd.	297 Spadina Ave., Toronto
Shepherd's Sausages	1152 Gladstone Avenue, Ottawa
Soloway's Star Meat Products.	664 Richmond St., W., Toronto

Establishments in the Industry of Sausage and Sausage Casings — Concluded

Name	Address
Ontario — Concluded:	
Strome & Sons, E.	Waterloo
Superior Sausage Co.	1A Montrose Ave., Toronto
Top's Continental Meat Products.	108 Burton St., Hamilton
Toronto Sausage Plant.	899 Queen St. W., Toronto
Twin City Meat Products Co.	605 McTavish St., Fort William
Union Kosher Sausage Company.	56 Lippincott Street, Toronto
United Kosher Beef Products.	671 Richmond Street W., Toronto
Vienna Meat & Sausage Co.	1050 Birchmount Road, Toronto
Virgin's Quality Pork Sausage.	2366 Gerrard Street E., Toronto
Visking Limited.	150 Colborne Street East, Lindsay
Manitoba:	
American Corned Beef & Sausage.	2614 Flora Ave., Winnipeg
Chicago Kosher Sausage Mfg., Co., Ltd.	358 Flora Avenue, Winnipeg
Community Food Stores, Limited.	441 King Street W., Winnipeg
Manitoba Sausage Mfg., Co., Limited.	691 Dufferin Avenue, Winnipeg
Smith's Corn Beef & Sausage Mfg. Co., Ltd.	533 Burrows Ave., Winnipeg
Superior Sausage Co.	122 Regent Ave., Transcona
Waco Sausage Co., Ltd.	697 Anderson Avenue, Winnipeg
Winnipeg Sausage Co., Limited.	915 Main Street, Winnipeg
Saskatchewan:	
Fuhrmann & Company.	1501 Tenth Avenue, Regina
British Columbia:	
B. C. Fancy Sausage Co. Ltd.	1435 East Georgia St., Vancouver
Economy Sausage Co., Ltd.	141 Hawkes Avenue, Vancouver
Evergood Sausage Co. Ltd.	1221 Hoey Rd., Lulu Island
Home Fancy Sausages.	264 East Hastings St., Vancouver
Kam Yen Jan Company Limited.	223 Keefer Street, Vancouver
Main Fancy Sausage.	214 Broadway West, Vancouver
Swift Canadian Company, Limited.	17 Water Street, Vancouver
Vancouver Fancy Sausage Co.	795 West 16th Ave., Vancouver
Veteran's Meats & Delicatessen.	3930 Douglas St., Victoria

THE ANIMAL OILS AND FATS INDUSTRY, 1954

Firms classified to this industry cover plants that buy animal offal, bones, etc., and render them out. Cracklings and tallow are the chief products, others being bones, grease, meat and bone meal and hides and skins.

Data for the industry were formerly published in summary form only in "The Manufacturing Industries of Canada" and it has, therefore, been deemed expedient to present the principal statistics for the years 1921 to 1954 in Table 1. In 1954 there were 15 establishments reporting, located as follows: Quebec, 1; Ontario, 9; Manitoba, 2; Alberta, 1; and British Columbia, 2.

In 1954, the industry reached a record high in value of shipments, value added by manufacture, employment, earnings and cost of materials used.

Gross value of shipments increased by 60.8 p.c. over 1953. Cost of materials and of fuel and electricity likewise increased by 22 p.c. and 13.8 p.c. respectively. Value of finished goods inventory was 46.8 p.c. higher at \$162,054. This resulted in value added by manufacture increasing 44.9 p.c. to \$2,461,046.

Employment increased by 9.3 p.c. and salaries and wages by 10.5 p.c. compared with 1953.

TABLE 1. Principal Statistics of the Animal Oils and Fats, Industry 1921-54

Year	Establishments	Em-ployees	Earnings	Cost at plant of materials used	Cost of fuel and electricity used	Value added by manufacture ¹	Gross selling value of products ²
	No.	No.	\$	\$	\$	\$	\$
1921	7	33	42,064	175,429	7,348 ³	121,682	304,459
1922	7	41	44,106	153,862	7,785 ³	165,326	326,973
1923	8	110	132,444	254,667	29,039	311,625	595,331
1924	5	104	120,210	350,156	28,369	148,712	527,237
1925	6	107	124,304	395,830	28,329	165,605	589,764
1926	6	111	137,880	329,303	26,910	178,907	535,120
1927	6	113	146,003	281,816	28,514	243,659	553,989
1928	6	119	146,789	335,088	27,501	239,689	602,278
1929	5	125	145,846	310,605	25,389	194,892	530,886
1930	6	119	144,129	219,911	24,801	185,663	430,375 ⁴
1931	4	16	17,998	34,746	4,343	26,194	65,283 ⁴
1932	4	19	14,373	14,516	3,940	34,806	53,262
1933	4	18	17,615	21,631	4,562	53,317	79,510
1934	4	21	21,590	33,612	6,127	49,761	89,500
1935	4	25	27,789	66,469	5,894	67,256	139,619
1936	4	26	33,034	89,411	6,451	79,367	175,229
1937	5	50	57,151	135,793	12,101	95,756	243,650
1938	5	61	69,750	126,700	16,386	102,395	245,481
1939	5	68	76,506	163,078	26,496	122,459	312,033
1940	5	77	92,985	192,703	33,369	144,488	370,560
1941	7	104	136,238	262,463	39,698	281,842	584,003
1942	7	122	181,448	417,733	57,421	413,399	888,553
1943	8	117	192,432	500,157	60,340	374,390	934,887
1944	8	117	216,711	538,711	65,632	410,974	1,015,317
1945	8	130	251,782	634,279	76,772	389,670	1,100,721
1946	8	148	282,372	639,978	71,490	467,612	1,179,080
1947	9	171	383,933	974,180	95,802	723,088	1,793,070
1948	9	208	500,580	1,578,942	125,837	918,559	2,623,338
1949	11	214	509,901	935,105	121,070	849,100	1,905,275
1950	14	292	731,936	1,798,600	205,925	1,071,524	3,076,049
1951	14	343	1,023,989	2,644,751	239,583	1,684,344	4,568,678
1952	16	318	990,554	1,700,937	250,592	1,478,785	3,430,314
1953	15	300	959,473	1,473,868	218,147	1,684,397	3,376,412
1954	15	328	1,069,386	2,772,368	248,214	2,461,046	5,429,970

1. Figures for "Value added by manufacture" are obtained by subtracting cost of materials used and cost of fuel and electricity from value of production. In 1952 and 1953 value of shipments was used since the value of production could not be ascertained. In 1954 value of production was computed by using the value of shipments plus or minus the increase or decrease in finished goods inventory.

2. Figures for 1952, 1953 and 1954 represent value of factory shipments.

3. Fuel only.

4. The decrease between 1930 and 1931 was caused by the transfer of three firms to other industries.

TABLE 2. Factory Shipments, 1953 and 1954

Product	Unit of measure	1953		1954	
		Quantity	Value	Quantity	Value
Cracklings and tankage	lb.	29,633,500	\$ 1,265,343	32,029,415	\$ 1,530,107
Fertilizer	"	—	1	—	1
Meal, bone, hoof, liver and meat	"	—	1	—	1
Tallow, grease and fat	"	34,919,547	\$ 1,433,337	44,465,694	\$ 2,935,697
Hides and skins	—	—	\$ 69,648	—	\$ 175,956
Other products	—	—	\$ 608,084	—	\$ 788,210
Total value of shipments		—	\$ 3,376,412	—	\$ 5,429,970

1. Included with "Other products".

List of Establishments in the Animal Oils and Fats Industry.

Name	Address
Quebec:	
Longueuil Meat Exporting Co. Ltd.	2310 St-Georges, Ville le Mayne
Ontario:	
Banner Rendering & Packing Co. Ltd.	100 Glen Scarlett Rd., Toronto
Central Salvage Co. Ltd.	Cyrville
Darling & Company of Canada Ltd.	Park & Whitehall St., Chatham
McAlpin Rendering	McAlpin
Ontario Rendering Co.	Dundas
Rowan Bros.	1 Market St., Toronto
St. Lawrence Rendering Co. Ltd.	Cornwall
Toronto Tallow Refinery	353 Eastern Ave., Toronto
Young Limited, Gordon	166 Keating St., Toronto
Young (Elmira) Ltd., Gordon	Elmira
Manitoba:	
Mid-West Rendering Ltd.	607 Dawson Rd., St. Boniface
Winnipeg Rendering Co. Ltd.	347 Dupuy St., St. Boniface
Alberta:	
Canadian Organic Developments Ltd.	306 Burns Bldg., Calgary
Edmonton Rendering Co. Ltd.	10616-134th St., Edmonton
British Columbia:	
Vancouver Rendering Co. Ltd.	1173 River Rd., Lulu Island
Young (B.C.) Ltd., Gordon	470 Kent Ave., Vancouver