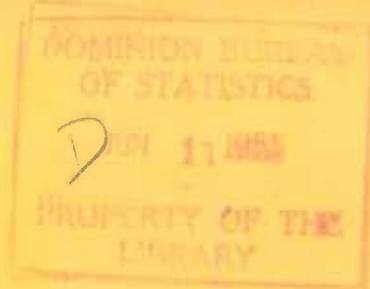


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GOVERNMENT OF CANADA

THE SLAUGHTERING AND MEAT PACKING INDUSTRY
AND
THE SAUSAGE AND SAUSAGE CASINGS INDUSTRY
1949



DOMINION BUREAU OF STATISTICS - DEPARTMENT OF TRADE AND COMMERCE

THE SLAUGHTERING AND MEAT PACKING INDUSTRY
AND
THE SAUSAGE AND SAUSAGE CASINGS INDUSTRY
1949

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Manufactures
- XIII Transportation Equipment
- XIV Non-ferrous Metals Manufactures
- XV Electrical Apparatus
- XVI Non-metallic Mineral Products
- XVII Coke and Gas—Petroleum Refining
- XVIII Chemicals and Allied Products

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

- A General Review
- B The Slaughtering and Meat Packing, and Sausage and Sausage Casings Industries
- C The Dairy Factory Industry
- D The Fish Processing Industry
- E The Fruit and Vegetable Preparations Industry
- F The Flour and Feed Milling Industry
- G The Breakfast Foods Industry
- H The Prepared Stock and Poultry Feeds Industry
- I The Biscuit Industry
- J The Bread and Other Bakery Products Industry
- K The Aerated Waters Industry
- L The Distilled Liquor Industry
- M The Brewing Industry
- N The Wine Industry
- O The Confectionery, Cocoa, Chocolate and Chewing Gum Industries
- P The Sugar Refining Industry
- Q The Malt and Malt Products Industry
- R The Macaroni and Kindred Products Industry
- S The Miscellaneous Foods Industry
- T The Canned Foods Summary

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THE SLAUGHTERING AND MEAT PACKING INDUSTRY

1949

The output of the slaughtering and meat-packing industry in 1949 was valued at \$697,950,039, an increase of 1.2 p.c. over the 1948 value and an all-time high for the industry. This increase can be ascribed to higher prices as the total number of animals slaughtered decreased by 0.6 p.c., all classes showing slight decreases in the numbers killed during the year. The cost value of the animals slaughtered was \$480,609,215, a decrease of 0.6 p.c. from the 1948 figure and the total cost of all materials used, at \$586,241,637, was 1.2 p.c. lower than in the previous year.

Employment was afforded to 20,586 persons, a decrease of 1,293, or 6 p.c. under 1948 but the salary and wage total of \$52,136,180 was an increase of 0.6 p.c. over the 1948 figure.

The products of the industry may be conveniently grouped into four main divisions — fresh and frozen meats, including poultry, which accounted for \$380,087,746 or 54.3 p.c. of the total sales; cured meats, including cooked meats and fresh sausage, which accounted for \$210,092,688 or 30 p.c.; lard and shortening, for \$46,716,036, or 6.7 p.c.; hides and skins, for \$20,643,388 or 3 p.c. and miscellaneous products, for \$40,410,181 or 6 p.c.

The most important single item was fresh and frozen beef with 679,294,769 lb., valued at \$227,946,444. This was a decrease of 2 p.c. in volume and an increase of 10 p.c. in value. The second item in order of volume and value was fresh and frozen pork, with 244,302,693 lb., valued at \$87,570,625. The value rose by 14.5 p.c. and the quantity by 11 p.c. in comparison with 1948. The third place was taken by bacon and sides, with 116,682,028 lb., valued at \$56,097,304, a decrease of 37 p.c. in volume and of 26 p.c. in value. Shortening was the fourth item in order of value, with 125,166,704 lb., valued at \$32,839,030, a decrease of 9 p.c. in volume and of 10.6 in value, as compared with 1948.

The position occupied by each province in relation to the total value of production for Canada was as follows: Atlantic Provinces, 2 p.c.; Quebec, 21 p.c.; Ontario, 38 p.c.; Manitoba, 15 p.c.; Saskatchewan, 4.5 p.c.; Alberta, 12.5 p.c. and British Columbia, 7 p.c.

An innovation which may prove of interest is the special study of tankage and the end products derived therefrom, which appears on page 15.

Note: For most industries the questionnaire of the Census of Industry asks for information concerning the quantity and value of goods manufactured during the year, whether sold or not. This procedure is departed from in the case of the slaughtering and meat packing industry and the inquiry concerning production deals with the sale of the product. The inquiry is thus expressed at the suggestion of the Industrial and Development Council of Canadian Meat Packers, as it is believed that the information can be supplied in this form with greater convenience and accuracy.

TABLE 1. Principal Statistics of the Slaughtering and Meat Packing Industry in Canada, Representative Years, 1919 to 1947 and by Provinces, 1948 and 1949.

Year	Establishments	Employees	Salaries and wages	Cost of materials used	Value of products
	No.	No.	\$	\$	\$
1919	82	13,222	15,302,388	175,133,821	233,936,913
1920	86	11,978	16,691,471	170,916,888	240,544,618
1924	74	10,046	13,127,504	106,764,011	133,740,271
1929	74	10,762	13,998,716	151,814,517	185,842,902
1932	141	9,101	10,349,315	65,575,957	91,246,523
1937	136	13,070	17,085,008	148,057,651	181,419,311
1938	145	12,503	16,596,710	143,481,692	175,767,382
1939	150	12,765	17,109,682	154,692,370	185,196,133
1944	153	23,867	38,697,789	458,484,382	543,034,100
1945	152	23,215	40,009,888	427,168,114	504,849,523
1946	144	22,536	40,313,025	408,033,456	475,953,154
1947	151	21,726	44,611,145	406,694,207	486,916,554
1948					
Maritimes	6 ¹	482	1,046,330	9,571,085	10,801,120
Quebec	33	3,705	8,387,234	121,591,432	139,961,257
Ontario	58	7,842	19,183,903	218,651,474	250,447,890
Manitoba	12	3,448	8,389,913	89,274,768	106,207,377
Saskatchewan	9	1,613	3,815,545	31,580,168	39,927,061
Alberta	12	3,467	7,700,812	84,938,982	98,981,476
British Columbia	10	1,322	3,304,777	37,923,009	43,419,968
Canada	140	21,879	51,828,514	593,530,918	689,746,149
1949					
Atlantic	7 ²	494	1,108,328	11,111,467	14,177,822
Quebec	37	3,673	8,841,363	125,805,766	147,470,540
Ontario	67	7,907	20,149,051	221,559,445	265,291,727
Manitoba	13	2,962	7,913,241	87,879,293	103,572,515
Saskatchewan	10	1,291	3,220,137	26,086,084	31,765,794
Alberta	12	2,927	7,370,968	72,143,955	86,550,710
British Columbia	11	1,332	3,533,092	41,655,627	49,120,931
Canada	157	20,586	52,136,180	586,241,637	697,950,039

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

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

Animals Slaughtered and Materials Used - The combined value of all items under this classification was \$586,241,637, made up as follows: Animals, slaughtered, \$481,516,541; dressed meat purchased fresh or partially cured, \$36,674,133; poultry, \$8,603,216; vegetable, fish and animal

oils, \$33,203,022; and miscellaneous materials, \$26,244,725.

The following table shows the number of animals slaughtered and their value, in 1929 and in each of the years 1932 to 1949.

TABLE 2. Number and Cost Value of Animals Slaughtered, 1929 and 1932 - 49
(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	720,852	2,639,005	364,797	4,444,174
	\$	53,768,459	6,727,414	59,882,737	6,122,886	126,501,496
1932	No.	611,531	798,687	3,053,066	392,628	4,855,912
	\$	22,303,782	3,455,466	25,808,550	3,024,144	54,591,942
1933	No.	676,582	880,795	3,062,028	455,806	5,075,211
	\$	20,255,764	3,847,003	30,811,812	3,204,745	58,119,324
1934	No.	815,890	870,209	3,000,208	542,702	5,229,009
	\$	25,057,686	4,300,704	47,079,909	4,181,065	80,619,364
1935	No.	832,540	897,314	2,969,987	589,066	5,288,907
	\$	29,755,173	4,664,680	49,481,935	5,048,571	88,950,359
1936	No.	941,879	859,144	3,645,395	623,730	6,070,148
	\$	30,322,581	4,905,979	60,591,850	5,693,476	101,513,886
1937	No.	972,020	837,136	3,951,503	757,406	6,518,065
	\$	37,190,487	5,357,983	68,546,334	7,339,089	118,433,893
1938	No.	911,271	815,433	3,394,104	690,399	5,811,217
	\$	36,824,213	5,148,334	64,862,596	7,158,134	113,993,277
1939	No.	927,588	785,653	3,793,468	687,539	6,194,248
	\$	43,687,227	5,473,583	68,611,954	7,768,704	125,541,468
1940	No.	935,920	763,044	5,531,051	717,835	7,847,850
	\$	49,908,223	5,688,302	93,139,503	9,020,929	157,756,957
1941	No.	1,052,574	836,094	6,469,323	757,024	9,115,015
	\$	66,857,125	7,342,581	125,443,461	11,310,699	210,953,866
1942	No.	1,032,490	820,297	6,335,863	683,317	8,871,967
	\$	82,211,307	7,985,052	153,963,231	13,426,219	257,585,809
1943	No.	1,111,861	878,816	7,260,174	616,959	9,867,810
	\$	107,084,662	9,411,757	196,821,224	14,612,928	327,930,571
1944	No.	1,427,488	986,303	9,066,536	678,831	12,159,158
	\$	131,686,144	9,736,665	239,828,751	13,781,310	395,032,870
1945	No.	1,887,693	1,159,962	6,033,003	829,850	9,910,508
	\$	170,417,273	11,872,329	165,418,638	17,895,865	365,604,105
1946	No.	1,760,177	1,212,661	4,403,220	815,502	8,191,560
	\$	173,245,669	13,500,970	134,569,676	19,320,440	340,636,755
1947	No.	1,351,156	916,128	4,561,581	678,529	7,507,394
	\$	148,447,228	10,761,141	158,482,837	16,856,444	334,547,650
1948	No.	1,550,834	841,091	4,802,890	828,441	8,023,256
	\$	222,625,218	12,697,548	220,461,511	27,846,560	483,630,837
1949	No.	1,504,875	653,160	4,291,142	798,216	7,247,393
	\$	233,357,116	11,973,954	205,032,524	30,245,621	480,609,215

TABLE 3. Products Sold, 1949

No.	Kind	Atlantic Provinces	Quebec	Ontario
Meats sold fresh and frozen:				
1	Beef..... lb.	7,000,755	126,380,747	212,044,707
2	\$	2,304,751	42,376,962	75,662,238
3	Mutton and lamb..... lb.	1,083,731	9,145,114	9,444,494
4	\$	429,799	3,608,363	3,974,072
5	Pork..... lb.	9,477,497	71,570,264	86,505,190
6	\$	3,532,085	24,954,070	30,271,428
7	Veal..... lb.	1,317,501	28,537,248	16,320,223
8	\$	385,080	9,697,711	6,438,061
9	Other meats, fancy meats, and offal..... \$	230,323	2,567,836	4,745,691
10	Poultry, sold fresh..... lb.	367,399	5,961,559	5,383,574
11	\$	154,232	2,580,404	2,576,853
Meats, cured:				
12	Beef, salted or cured..... lb.	1	1,791,195	2,117,446
13	\$		447,280	689,375
14	Pork, salted..... lb.	1	14,065,956	3,735,507
15	\$		4,118,472	737,316
16	Hams..... lb.	1	12,700,993	16,871,893
17	\$		6,866,294	9,301,590
18	Shoulders..... lb.	1,348,478	9,938,189	14,631,081
19	\$	629,328	4,751,378	7,323,018
20	Bacon and sides..... lb.	3,032,864	24,997,912	49,701,610
21	\$	1,435,744	10,842,262	24,146,738
22	Meats, cured, n.e.s..... lb.	4,834,753	6,464,784	14,921,309
23	\$	2,015,173	2,553,789	5,917,073
24	Sausage, fresh..... lb.	1,206,258	8,817,576	15,201,395
25	\$	456,370	3,378,867	5,901,033
26	Sausage, cured..... lb.	—	343,062	3,941,010
27	\$	—	129,685	1,839,942
28	Sausage casings..... \$	2	484,265	1,567,824
29	Bologna and weiners..... lb.	4,876,348	12,910,874	31,607,992
30	\$	1,646,462	4,057,402	9,925,020
31	Cooked meats..... lb.	3	7,514,659	20,284,426
32	\$		4,801,116	10,102,168
33	Canned meats, all kinds..... lb.	—	2,541,144	11,327,911
34	\$	—	1,114,116	5,219,179
35	Mince meat..... lb.	—	2	2
36	\$	—		
37	Lard..... lb.	2	13,145,496	32,906,019
38	\$		2,320,266	5,772,679
39	Shortening, wholly vegetable..... lb.	—	2	37,684,552
40	\$	—		10,510,668
41	Shortening, containing some animal fat and marine oils..... lb.	—	16,886,682	51,754,006
42	\$	—	4,271,835	13,315,599
43	Margarine..... lb.	—	—	38,038,986
44	\$	—	—	11,115,533

1. Included with "Meats cured, n.e.s."

2. Included with "Other products".

3. Included with bologna and weiners.

TABLE 3. Products Sold, 1949 with Canada Totals for 1948

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1949	1948	
140,008, 123	39,540, 163	99,663, 134	54,657, 140	679,294, 769	695,109, 505	1
45,950, 316	12,900, 597	28,874, 548	19,877, 032	227,946, 444	207,457, 683	2
3,721, 622	850, 304	2,614, 065	3,384, 802	30,244, 132	38,957, 857	3
1,358, 969	310, 922	936, 241	1,391, 176	12,009, 542	12,863, 740	4
22,944, 384	9,890, 606	28,199, 159	15,715, 593	244,302, 693	220,064, 720	5
8,271, 200	3,601, 814	10,676, 210	6,263, 818	87,570, 625	76,479, 691	6
18,127, 679	3,483, 380	11,091, 404	6,219, 401	85,096, 836	87,139, 991	7
6,269, 187	1,155, 572	3,581, 917	2,240, 766	29,768, 294	27,073, 202	8
2,440, 665	757, 888	1,992, 448	877, 781	13,612, 632	13,037, 730	9
3,760, 932	552, 276	3,121, 533	1,495, 561	20,642, 834	23,027, 611	10
1,757, 042	245, 513	1,352, 128	514, 037	9,180, 209	9,884, 384	11
181, 884	—	1	1	4,197, 578	5,365, 917	12
45, 481	—	—	—	1,233, 456	1,502, 111	13
4,067, 756	157, 710	5,154, 745	349, 949	28,726, 792	53,379, 803	14
1,501, 319	62, 931	1,759, 923	139, 354	8,648, 222	16,891, 323	15
3,906, 177	580, 219	5,601, 358	3,872, 550	46,040, 092	51,358, 269	16
2,076, 175	300, 994	2,862, 595	1,980, 178	24,566, 410	24,122, 556	17
1,820, 772	283, 592	4,180, 927	3,564, 125	35,767, 164	37,888, 678	18
913, 740	120, 636	1,972, 694	1,475, 643	17,186, 437	16,530, 848	19
9,922, 573	5,321, 291	17,249, 683	6,456, 095	116,682, 028	185,611, 218	20
5,153, 012	2,208, 673	8,425, 331	3,885, 544	56,097, 304	76,831, 460	21
2,548, 579	3,907, 674	2,624, 865	2,348, 125	33,330, 316	40,919, 999	22
1,117, 046	1,918, 229	1,037, 042	1,205, 153	14,050, 342	14,215, 013	23
7,450, 729	2,635, 295	6,793, 424	1,706, 342	43,811, 019	37,804, 875	24
2,646, 195	885, 924	2,435, 447	666, 804	16,370, 640	12,930, 690	25
1,364, 928	1,895, 560	3,716, 830	1	11,772, 039	12,068, 823	26
490, 672	747, 697	1,497, 476	—	4,859, 824	4,266, 148	27
364, 854	95, 382	279, 694	92, 328	2,902, 968	3,437, 463	28
9,075, 088	5,302, 466	9,173, 855	4,321, 430	76,337, 447	77,024, 888	29
2,758, 093	1,585, 313	3,245, 182	1,492, 511	24,339, 635	22,498, 264	30
2,711, 229	1,127, 356	2,252, 176	2,543, 891	37,364, 343	34,775, 260	31
1,775, 924	704, 738	1,395, 855	1,307, 679	20,457, 828	16,987, 354	32
13,304, 899	1,941, 005	13,937, 395	805, 790	43,858, 144	62,168, 689	33
5,667, 178	1,034, 653	5,639, 395	336, 229	19,010, 750	22,513, 157	34
2	2	2	360, 105	1,934, 977	2,382, 820	35
—	—	—	50, 909	368, 872	372, 869	36
7,563, 334	3,967, 071	10,250, 050	4,611, 634	74,954, 275	65,507, 249	37
1,478, 963	763, 265	2,111, 312	866, 485	13,877, 006	16,144, 223	38
—	2	2	2	41,016, 882*	34,341, 082	39
—	—	—	—	11,375, 701	9,502, 171	40
8,247, 696	2	2,319, 907	4,725, 804	84,149, 822*	102,972, 070	41
2,044, 982	—	628, 828	1,152, 203	21,463, 329	27,216, 353	42
2	—	2	2	50,445, 679	—	43
—	—	—	—	15,095, 323	—	44

4. These sales figures are not comparable with the monthly figures of production published by the Bureau, as they include re-sales of shortening purchased.

TABLE 3. Products Sold, 1949 - Continued

No.	Kind	Atlantic Provinces	Quebec	Ontario
1	Tallow, edible	—	4, 142, 621	4, 586, 741
2	\$	—	431, 460	428, 293
3	Tallow, inedible	1	15, 639, 193	13, 086, 630
4	\$		1, 099, 295	999, 989
5	Neat's foot oil	—	2	2
6	\$	—		
7	Oleo oil, stock and stearin	—	237, 697	4, 033, 404
8	\$	—	24, 075	485, 072
9	Cottonseed oil	—	2	2
10	\$	—		
11	Coconut oil	—	2	9, 907, 255
12	\$	—		2, 348, 865
13	Soybean oil	—	2	2
14	\$	—		
15	Sunflowerseed oil	—	2	4, 035, 578
16	\$	—		842, 666
17	Other oils	—	7, 324, 889	11, 257, 559
18	\$	—	1, 494, 255	2, 241, 394
19	Grease	—	126, 276	2, 278, 207
20	\$	—	10, 634	192, 834
21	Vegetable oil foots	—	—	1
22	\$	—		
23	Animal foods	1	1, 708, 227	2, 055, 323
24	\$		130, 164	177, 243
25	Tankage, Primary:			
26	Bones, edible	—	3	3, 068, 781
27	\$	—		125, 263
28	Bones, inedible	—	9, 646, 494	1, 731, 032
29	\$	—	131, 505	29, 202
30	Bones, green	—	3	6, 534, 424
31	\$	—		108, 329
32	Dried blood, edible	—	717, 422	3
33	\$	—	43, 726	
34	Dried Blood, inedible	1	3	978, 394
35	\$			64, 177
36	Hooves and horns	—	3	—
37	\$	—		—
38	Tankage, dry rendered	1	8, 305, 049	7, 562, 691
	\$		386, 200	408, 442

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

TABLE 3. Products Sold, 1949 with Canada Totals for 1948 - Continued

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1949	1948	
1,986,839	1,772,741	4,869,851	1,268,731	18,627,524	20,468,457	1
171,824	188,120	556,492	143,173	1,919,362	3,954,941	2
9,187,183	3,384,104	5,909,546	3,757,516	51,941,366	51,531,002	3
602,484	234,846	460,468	256,061	3,735,959	7,586,581	4
2	23,732	2	18,170	635,037	629,071	5
	2,568		2,945	89,579	142,458	6
2	--	--	2	4,940,263	4,515,569	7
	--	--		606,247	937,613	8
2	--	--	2	3,920,668	4,688,365	9
	--	--		720,494	1,474,151	10
2	--	2	2	11,784,799	9,327,937	11
	--			2,784,272	2,754,731	12
2	--	--	2	2,469,500	3,566,636	13
	--	--		498,393	1,100,846	14
2	--	2	2	6,593,384	4,836,151	15
	--			1,428,977	1,542,811	16
2,337,466	--	153,801	1,004,078	9,989,978	4,356,038	17
501,812	--	30,491	196,004	2,042,185	1,112,781	18
--	1	1	--	2,902,548	4,461,154	19
--			--	226,146	595,114	20
1	--	--	1	2,903,768	4,429,726	21
	--	--		67,187	446,507	22
2,716,012	250,498	4,143,232	526,924	12,664,308	7,014,286	23
126,198	12,149	200,693	33,391	753,844	439,023	24
3	--	--	--	4,790,707	4,336,818	25
	--	--	--	143,656	128,408	26
1,692,446	3	798,781	3	14,068,633	17,288,559	27
34,360		14,558		213,389	228,728	28
--	3	3	3	9,585,298	10,102,807	29
--				149,454	134,999	30
--	--	--	--	742,422	180,575	31
--	--	--	--	44,977	7,865	32
1,290,320	3	376,721	3	3,346,456	8,198,446	33
85,040		19,357		209,790	390,140	34
157,372	56,342	162,664	3	604,681	1,608,027	35
2,476	637	4,085		13,680	54,383	36
9,768,956	3	640,900	3	27,881,971	38,627,043	37
473,614		29,994		1,375,560	1,503,754	38

3. Included with "other tankage".

TABLE 3. Products Sold, 1949 - Concluded

No.	Kind	Atlantic Provinces	Quebec	Ontario
1	Tankage, wet rendered n.e.s.	lb.		1,688,348
2		\$	1	46,973
3	Tankage, other	\$	131,652	33,990
4				
Tankage secondary:				
5	Blood meal	lb.	1,371,041	2,660,667
6		\$	102,702	171,448
7	Bone flour	lb.		
8		\$	1	1
9	Bone meal	lb.		4,792,718
10		\$	1	105,113
11	Hoof meal	lb.		
12		\$	1	1
13	Meat meal	lb.		6,610,971
14		\$	3	872,701
15	Meat scraps (cracklings)	lb.		12,519,776
16		\$	1	506,203
17	Tankage, other	\$	883,456	428,076
18	Complete fertilizer	lb.		
19		\$	3	
20	Cattle hides	No.	5,446	488,403
21		\$	52,301	5,609,090
22	Horse hides	No.		
23		\$	1,535	
24			13,095	
24	Sheep skins	No.	29,205	151,380
25		\$	46,797	304,953
26	Calf skins	No.	17,752	127,253
27		\$	75,361	736,817
28	Hair and bristles	lb.		677,011
29		\$	750,685	120,132
30	All other products	\$	784,016	1,396,888
31	Amount received for custom or contract work	\$		7,473
31			15,580	
32	Total Factory Value of Products Sold		14,177,822	265,291,727
32			147,470,540	

1. Included with "other tankage".
2. Not shown separately prior to 1949.

TABLE 3. Products Sold, 1949 with Canada Totals, 1948 - Concluded

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1949	1948	
	338,146 10,788	606,735 8,299	1	6,683,094 176,335	11,590,025 375,472	1 2
48,094	14,112	15,019	101,101	55,018	5,482	3 4
180,660 10,726	289,250 19,754	1,056,686 50,917	499,325 26,051	6,057,629 381,598	2	5 6
— —	— —	— —	— —	3,367,095 193,218	5,098,509 168,516	7 8
801,220 27,005	575,526 22,460	1,167,688 49,450	1	7,607,249 213,922	9,390,966 270,588	9 10
1	1	1	1	1,336,675 69,904	1,368,243 75,578	11 12
—	1	1	1	26,144,831 1,402,184	24,225,747 922,470	13 14
6,573,804 325,492	4,077,740 178,131	8,984,697 388,201	2,820,115 131,455	45,445,844 2,170,285	43,761,588 1,653,248	15 16
78,360	55,288	108,309	106,150	569,712	49,282	17
— —	— —	3	3	7,053,503 193,491	11,532,187 374,239	18 19
267,229 3,090,047	96,761 1,115,466	218,830 2,412,727	114,271 1,104,434	1,398,371 15,636,007	1,485,454 17,864,664	20 21
11,559 126,370	3	3	— —	28,874 287,798	68,189 572,697	22 23
72,586 130,940	17,211 28,853	50,226 87,527	73,605 138,101	590,852 1,089,177	849,639 1,527,645	24 25
94,255 631,433	21,811 135,330	72,370 509,317	33,395 187,133	651,677 3,630,406	710,104 3,790,242	26 27
3	3	114,698 26,596	— —	1,671,060 220,871	2,208,559 276,984	28 29
3,025,227	338,411	835,074	836,384	2,532,188	4,410,806	30
—	8,140	38,870	42,918	112,981	113,969	31
103,572,515	31,765,794	86,550,710	49,120,931	697,950,039	689,746,149	32

3. Included with "other products".

TABLE 4. Production of Certain Important Commodities, 1939 to 1949

Year	Meats sold fresh and frozen			Bacon and sides	Sausage, fresh and cured	Cooked meats	Canned meats	Shortening, animal and vegetable
	Beef	Pork	Veal					
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
1939	443,004	156,117	73,064	161,055	59,406	22,130	6,813	119,797
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 ¹

1. See Footnote 4, Table 3.

TABLE 5. Average Prices of Chief Products - 1939 to 1949

Year	Average Price per lb.							
	Meats sold fresh and frozen			Bacon and sides	Sausage, fresh and cured	Cooked meats	Canned meats	Shortening, animal and vegetable
	Beef	Pork	Veal					
	cents	cents	cents	cents	cents	cents	cents	cents
1939	10.1	14.1	11.1	18.8	13.7	24.0	21.8	08.3
1940	11.2	13.2	12.3	18.1	13.6	23.0	19.8	09.1
1941	13.2	15.1	14.7	18.9	15.5	26.7	22.5	11.0
1942	15.8	17.9	17.9	21.4	17.5	28.7	27.0	14.6
1943	18.9	19.0	20.2	20.8	17.8	28.0	28.0	14.5
1944	19.2	19.9	19.3	22.9	18.5	31.2	27.1	14.7
1945	19.3	20.2	20.1	23.5	18.8	29.9	22.4	14.7
1946	20.9	21.8	20.8	25.6	21.3	29.9	20.1	14.6
1947	22.6	25.7	22.1	30.1	27.3	29.1	25.9	21.3
1948	29.8	34.7	31.1	41.4	34.5	48.8	36.2	26.7
1949	33.5	35.8	34.9	48.1	38.2	39.4	43.3	26.2

Tankage

In view of the importance of tankage and the products derived from it, an attempt has been made to trace the production of stock feeds, etc. through the primary stage of tankage to the finished product.

The figures in Table 6 do not, in all cases, agree with those shown in the other tables of this

bulletin, as certain adjustments have been necessary owing to several items having been incorrectly reported. It is hoped that, with greater experience, fewer such adjustments will be necessary in the tables for future years.

TABLE 6. Primary Production of Tankage and Products Derived Therefrom.
(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	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Bones:							
Edible	59,170	4,958,411	—	5,017,581	92,658	4,790,707	134,216
Inedible	288,401	12,716,719	7,973,774	20,978,894	6,720,762	14,067,273	190,859
Green	283,626	11,683,330	4,761,919	16,728,875	7,056,837	9,574,898	97,140
Dried Blood:							
Edible	1,180	959,696	—	960,876	218,174	742,422	280
Inedible	376,777	7,620,072	1,675,790	9,672,639	6,009,212	3,358,216	305,211
Hooves and Horns	252,415	1,472,361	364,834	2,089,610	1,256,665	609,644	223,301
Tankage:							
Dry rendered.....	2,325,263	84,127,107	15,032,879	101,485,249	69,922,648	28,241,505	3,321,096
Wet rendered.....	583,519	12,742,023	7,610,909	20,936,451	12,879,481	7,593,207	463,763
Fertilizer.....	74,880	528,085	—	602,965	289,523	263,760	49,682
Total	4,245,231	136,807,804	37,420,105	178,473,140	104,445,960	69,241,632	4,785,548

(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	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Blood Meal	241,108	6,021,729	118,985	6,381,822	4,058,861	2,131,622	191,339
Bone flour	69,973	3,166,900	634,195	3,871,068	—	3,783,833	87,235
Bone meal	122,274	7,524,519	1,262,330	8,909,123	2,582,123	6,170,791	156,209
Hoof meal	32,444	1,192,675	249,256	1,474,375	—	1,430,775	43,600
Meat meal	284,375	26,655,841	85,960	27,026,176	1,695,387	24,924,291	406,498
Meat scraps (cracklings)	573,507	49,265,488	5,590,050	55,429,045	33,450,002	21,018,637	960,406
Other (including lung meal, liver meal, prot- ein-powder & rennin.)	8,186	652,061	104,000	764,247	624,000	96,732	43,515
Total	1,331,867	94,479,213	8,044,776	103,855,856	42,410,373	59,556,681	1,888,802

TABLE 7. Animals Slaughtered and Materials Used, 1949

No.	Kind		Atlantic Provinces	Quebec	Ontario
1	Beeves slaughtered	No.	16,283	246,770	491,098
2	Dressed weight	lb.	6,483,130	115,533,968	232,296,177
3	Cost value	\$	1,988,113	37,049,626	81,509,492
4	Sheep and lambs, slaughtered	No.	30,355	204,094	200,391
5	Dressed weight	lb.	1,194,122	8,553,097	9,410,918
6	Cost value	\$	472,518	3,564,076	4,040,574
7	Hogs, slaughtered	No.	145,685	1,020,213	1,682,631
8	Dressed weight	lb.	23,296,930	161,437,239	270,722,916
9	Cost value	\$	7,026,216	48,030,015	82,266,641
10	Calves, slaughtered	No.	17,975	364,432	144,450
11	Dressed weight	lb.	1,773,891	32,434,553	18,170,285
12	Cost value	\$	507,493	9,848,568	6,441,014
13	Dressed meat purchased fresh or partially cured	lb.	2,349,327	46,516,177	35,092,228
14		\$	650,937	15,546,091	11,734,934
15	Poultry	lb.	—	7,413,404	6,297,747
16		\$	—	3,022,767	2,462,272
17	Coconut oil	lb.	—	1	18,025,606
18		\$	—	—	2,898,649
19	Cottonseed oil	lb.	—	1	45,901,894
20		\$	—	—	6,673,682
21	Peanut oil	lb.	—	1	10,034,369
22		\$	—	—	1,880,872
23	Soya-bean oil	lb.	—	1	39,840,963
24		\$	—	—	6,132,078
25	Sunflower seed oil	lb.	—	1	5,732,002
26		\$	—	—	922,011
27	Other vegetable oils	lb.	—	16,915,809	10,424,953
28		\$	—	2,963,802	1,649,631
29	Animal oils and fats	lb.	—	10,481,265	9,692,017
30		\$	—	1,799,412	1,465,828
31	Marine oils	lb.	—	2	16,379,305
32		\$	—	—	2,242,303
33	Sugar	cwt.	1,050	6,104	12,859
34		\$	8,918	43,537	96,174
35	Salt	cwt.	29,522	187,698	370,202
36		\$	22,111	158,400	193,270
37	Spices	\$	23,128	146,400	318,517
38	Chemicals	\$	1,112	22,850	418,505
39	Sausage casings	\$	61,463	540,744	1,068,839
40	Containers, wrappings, cases, etc.	\$	326,913	2,091,485	5,279,264
41	Process supplies	\$	9,512	92,607	393,150
42	All other materials	\$	13,033	885,386	1,471,745
43	Total value	\$	11,111,467	125,805,766	221,559,445

1. Included with "other vegetable oils".

TABLE 7. Animals Slaughtered and Materials Used, 1949 with Totals for 1948

Manitoba	Saskatchewan	Alberta	British Columbia	Canada		No.
				1949	1948	
318,025	93,863	224,529	114,307	1,504,875	1,550,834	1
152,287,918	44,024,444	111,164,050	57,426,502	719,216,189	745,305,795	2
47,125,131	14,005,192	31,815,910	19,863,652	233,357,116	222,625,218	3
75,772	17,567	51,434	73,547	653,160	841,091	4
3,576,909	840,589	2,552,320	3,426,432	29,554,387	37,086,144	5
1,278,050	288,236	915,969	1,414,531	11,973,954	12,697,548	6
415,125	193,281	615,871	218,336	4,291,142	4,802,890	7
70,675,076	32,010,100	100,156,028	34,580,789	692,879,078	769,532,602	8
19,072,795	8,730,607	29,055,770	10,850,480	205,032,524	220,461,511	9
139,526	21,788	74,862	35,183	798,216	828,441	10
21,172,653	3,639,328	12,588,076	6,562,785	96,341,571	96,777,477	11
6,645,873	1,120,674	3,710,262	1,971,737	30,245,621	27,846,560	12
7,920,863	1,624,207	2,737,447	12,772,097	109,012,346	106,200,609	13
2,569,677	466,792	746,551	4,959,151	36,674,133	32,387,339	14
2,960,472	300,999	3,369,397	1,414,913	21,756,932	20,383,981	15
1,211,802	97,800	1,287,050	521,525	8,603,216	8,784,556	16
1	—	1	1	20,864,322	15,279,152	17
6,757,017	—	1	1	3,360,375	3,028,172	18
1,426,090	—	1	1	61,938,038	13,963,613	19
1	—	1	1	9,514,431	3,175,052	20
1	—	1	1	11,577,111	40,324,541	21
2,259,257	—	112,476	1	2,257,570	8,955,624	22
435,386	—	30,721	1	43,882,652	27,305,319	23
1,890,298	—	491,392	1	6,896,913	5,334,859	24
349,624	—	81,477	1	10,874,312	12,334,382	25
1,231,456	2	462,629	4,427,975	1,912,631	2,662,592	26
211,812	—	121,555	819,171	15,442,495	5,432,817	27
2,449,010	1,262,854	924,008	1,785,536	2,673,502	1,181,662	28
250,193	163,474	103,944	229,200	26,594,690	38,422,212	29
2	—	—	—	4,012,051	7,679,986	30
2	—	2	2	18,684,778	31,948,975	31
4,419	1,134	3,714	2,431	2,575,549	6,369,295	32
40,348	11,139	33,504	18,601	31,711	39,397	33
165,015	57,372	114,299	30,407	252,221	320,650	34
159,054	58,972	105,851	30,691	954,515	1,132,178	35
79,175	82,500	95,207	47,608	728,349	829,966	36
35,670	5,585	6,644	23,758	792,535	640,441	37
402,770	158,431	178,777	120,953	514,124	380,597	38
2,062,449	626,782	2,343,851	534,717	2,531,977	2,465,028	39
215,792	19,118	379,194	12,538	13,265,461	13,416,834	40
4,307,602	250,782	1,131,718	237,314	1,121,911	1,038,292	41
87,879,293	26,086,084	72,143,955	41,655,627	7,945,473	11,249,136	42
				586,241,637	593,530,918	43

2. Included with "other materials".

TABLE 8. Employment and Earnings by Provinces 1948-1949

Province	Salaried employees			Wage-earners		
	Male	Female	Total salaries	Male	Female	Total wages
	No.	No.	\$	No.	No.	\$
1948						
Atlantic Provinces ¹	77	25	272,554	290	90	773,776
Quebec	651	139	2,112,782	2,511	404	6,274,452
Ontario	1,193	447	5,240,518	5,134	1,068	13,943,385
Manitoba	647	157	2,411,329	2,160	484	5,978,584
Saskatchewan	222	95	897,065	1,108	188	2,918,480
Alberta	466	196	1,679,431	2,223	582	6,021,381
British Columbia	182	89	790,682	896	155	2,514,095
Canada	3,438	1,148	13,404,361	14,322	2,971	38,424,153
1949						
Atlantic Provinces ¹	73	25	289,864	303	93	818,464
Quebec	648	155	2,388,556	2,482	388	6,452,807
Ontario	1,229	427	5,548,410	5,205	1,046	14,600,641
Manitoba	597	146	2,444,662	1,842	377	5,468,579
Saskatchewan	213	105	883,939	814	159	2,336,198
Alberta	431	195	1,614,951	1,820	481	5,756,017
British Columbia	218	84	828,015	887	143	2,705,077
Canada	3,409	1,137	13,998,397	13,353	2,687	38,137,783

1. Prince Edward Island, Nova Scotia, and New Brunswick in 1948, together with Newfoundland in 1949.

TABLE 9. Classification of Establishments According to Number of Employees, 1949

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
		No.	No.	No.	No.	No.
Atlantic Provinces	7 ¹	4	1	—	1	1
Quebec	37	13	13	4	4	3
Ontario	67	34	12	9	7	5
Manitoba	13	5	2	1	2	3
Saskatchewan	10	3	2	1	3	1
Alberta	12	2	2	2	1	5
British Columbia	11	3	1	3	3	1
Canada	157	64	33	20	21	19

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

TABLE 10. Classification of Establishments According to Value of Production, 1949

Province	Establishments having a production value of				
	Less than \$100,000	\$100,000 to under \$500,000	\$500,000 to under \$700,000	\$700,000 to under \$1,000,000	\$1,000,000 • and over
	No.	No.	No.	No.	No.
Atlantic Provinces	3	1	—	—	3
Quebec	3	14	3	4	13
Ontario	11	20	3	5	28
Manitoba	1	4	—	—	8
Saskatchewan	2	2	—	1	5
Alberta	1	2	2	—	7
British Columbia	2	1	—	1	7
Canada	23	44	8	11	71

TABLE 11. Classification of Establishments According to Form of Organization, 1949

Province	Establishments	Establishments operated by				
		Individuals	Partnerships	Incorporated companies	Co-operative associations	
					Incorporated	Unincorporated
No.	No.	No.	No.	No.	No.	
Atlantic Provinces	7 ¹	4	—	3	—	—
Quebec	37	7	7	21	2	—
Ontario	67	24	10	30	2	1
Manitoba	13	—	—	13	—	—
Saskatchewan	10	1	2	6	1	—
Alberta	12	2	2	7	1	—
British Columbia	11	1	—	10	—	—
Canada	157	39	21	90	6	1

1. See footnote to Table 9.

Foreign Trade

TABLE 12. Imports into Canada, for Consumption, of Meat and Meat Products, during the calendar years, 1947, 1948 and 1949

Articles	1947	1948	1949
MEATS, FRESH, CHILLED OR FROZEN			
Beef and veal, fresh, chilled or frozen	8,427	7,716	89,402
..... lb.			
..... \$	4,154	2,099	62,089
Mutton and lamb, fresh, chilled or frozen	2,311	652	27,875
..... lb.			
..... \$	1,166	184	6,059
Pork, fresh, chilled or frozen	5,578,332	1,336,719	2,556,059
..... lb.			
..... \$	1,053,346	249,358	339,129
Poultry and game, n.o.p.	733,680	7,629	242,180
..... \$			
Rabbits, frozen, for fox-feeding purposes	—	547	—
..... \$			
Edible offal, fresh, chilled or frozen	2,623,073	30,120	728,947
..... lb.			
..... \$	227,927	6,605	139,016
Other meats, fresh, chilled or frozen	50	—	730
..... lb.			
..... \$	83	—	1,004

Foreign Trade

TABLE 12. Imports into Canada, for Consumption of Meat and Meat Products, during the calendar years, 1947, 1948 and 1949 - Continued

Articles	1947	1948	1949
MEATS, PREPARED, PRESERVED OR CANNED			
Bacon, hams, shoulders and other pork, prepared or preserved, other than canned	lb. 52,025	1,841	1,818
	\$ 15,854	944	898
Beef, canned	lb. 340,197	563,425	9,289,940
	\$ 79,438	139,250	2,516,689
Canned meats, poultry and game, n. o. p.	lb. 31,052	1,485	374,958
	\$ 23,481	1,358	139,286
Extracts of meat and fluid beef, not medicated	\$ 584,230	357,893	368,254
Meats, prepared or preserved, other than canned, n. o. p.	lb. 165,361	—	7,430,623
	\$ 11,683	—	1,353,857
Pork, barrelled, in brine	lb. —	240,000	3,150,000
	\$ —	53,737	452,551
Pork, dry-salted	lb. 250,402	—	26,200
	\$ 53,452	—	3,688
Sausage	lb. 59,790	—	37,847
	\$ 38,996	—	24,444
Soups, soup rolls, tablets, cubes or other soup preparations, n. o. p.	\$ 270,919	6,662	3,079
OILS, FATS, GREASES AND WAXES			
Lard oil	gal. 745	200	1,992
	\$ 1,522	391	3,351
Neat's-foot oil	gal. 98	1,049	5,045
	\$ 296	3,188	6,965
Other animal oils, n. o. p.	gal. 240,879	41,165	31,137
	\$ 301,351	47,273	41,438
Lard, lard compound and similar substances, cottolene and animal stearine of all kinds, n. o. p.	lb. 13,930,105	35,029	14,407,797
	\$ 2,521,046	3,682	1,754,959
Tallow	lb. 12,197,120	18,117,357	2,839,090
	\$ 1,802,884	3,968,803	227,238
Grease, rough	cwt. 86,619	122,329	303,160
	\$ 1,176,059	1,579,194	2,180,245
HIDES AND SKINS, N. O. P.			
Calf skins and kips, raw, whether dry, salted or pickled	no. —	—	622,759
	\$ 3,996,809	2,552,707	2,921,512
Cattle hides, raw, whether dry, salted or pickled	no. —	—	492,906
	\$ 4,957,161	3,098,895	5,949,886
Sheepskins, raw, whether dry, salted or pickled	no. —	—	1,618,771
	\$ 1,904,115	2,155,552	2,168,940
Goat skins and kidskins, raw	no. —	—	348,212
	\$ 555,490	423,514	368,542
Other hides and skins, raw, n. o. p., whether dry, salted or pickled, and raw pelts	no. —	—	65,473
	\$ 597,879	120,735	200,937
BONES, HORNS, ETC.			
Bones, crude	cwt. 319	83	561
	\$ 5,075	3,387	5,730
Bone dust, charred bone and bone ash	cwt. 20,967	50,940	33,971
	\$ 107,332	183,499	149,895
Bone pitch, crude only	cwt. 7,408	8,193	6,496
	\$ 50,952	55,639	42,939
Charcoal, animal, for use in the refining of sugar or corn products	cwt. 30,376	31,973	29,170
	\$ 278,471	328,623	278,388
HAIR AND BRISTLES			
Bristles, animal	lb. 380,000	348,328	388,980
	\$ 1,347,970	1,147,421	1,433,689
Hair, not dyed or curled or otherwise manufactured	lb. 1,066,292	1,869,564	1,639,130
	\$ 399,944	515,464	444,429
Horse hair not further manufactured than cleaned and dipped or dyed	lb. 102,435	412,562	292,696
	\$ 139,996	160,582	253,004

Foreign Trade

TABLE 12. Imports into Canada for Consumption of Meat and Meat Products during the calendar years 1947, 1948 and 1949 - Concluded

Articles	1947	1948	1949
MISCELLANEOUS ANIMAL PRODUCTS, N. O. P.			
Gelatine, edible	lb. 2, 254, 327	3, 021, 220	2, 416, 258
	\$ 1, 511, 889	2, 021, 418	1, 525, 771
Gelatine, inedible, for photographic use	lb. 212, 860	169, 194	238, 440
	\$ 195, 352	180, 547	308, 114
Gelatine, inedible, n. o. p.	lb. 16, 785	46, 347	16, 148
	\$ 10, 268	21, 787	7, 629
Glue, animal, powdered or sheet	lb. 4, 478, 037	2, 607, 127	274, 267
	\$ 1, 098, 459	660, 961	43, 366
Glue, n. o. p.	lb. 225, 227	210, 379	264, 310
	\$ 67, 311	72, 315	67, 510
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. 9, 067	8, 741	12, 107
	\$ 41, 859	54, 754	33, 210
Rennet, raw and prepared	lb. 60, 978	67, 721	40, 541
	\$ 41, 830	49, 477	30, 227
Sausage casings or skins, cleaned	\$ 1, 711, 001	1, 964, 552	1, 454, 224
Sausage casings or skins not cleaned	\$ -	25, 691	90, 981
Tankage	cwt. 38, 363	9, 660	4, 271
	\$ 71, 648	24, 481	3, 286
Wool in the grease	lb. 16, 264, 262	18, 336, 271	13, 634, 688
	\$ 5, 478, 876	8, 459, 352	6, 693, 875
Wool, washed or scoured	lb. 19, 701, 818	21, 053, 837	16, 085, 104
	\$ 10, 074, 724	13, 625, 389	10, 709, 395
Total Value of Imports of Meat and Meat Products	\$ 43, 545, 978	44, 334, 539	45, 051, 898

TABLE 13. Exports of Products of the Canadian Slaughtering and Meat Packing Industry, during the calendar years, 1947, 1948 and 1949

Articles	1947	1948	1949
MEATS, FRESH, CHILLED OR FROZEN			
Beef and veal, fresh, chilled and frozen	cwt. 426, 002	1, 228, 919	1, 001, 802
	\$ 9, 232, 275	36, 594, 439	30, 629, 393
Frogs' legs, fresh	lb. 33, 547	17, 070	31, 261
	\$ 28, 538	14, 494	20, 919
Game, dressed or undressed	lb. 2, 710	1, 260	-
	\$ 644	242	-
Mutton and lamb, fresh, chilled and frozen	cwt. 45, 687	50, 561	39, 559
	\$ 977, 763	1, 645, 934	1, 709, 109
Pork, fresh, chilled and frozen	cwt. 13, 970	66, 630	14, 570
	\$ 449, 797	2, 210, 578	441, 470
Poultry, dressed or undressed	lb. 15, 086, 974	14, 701, 006	3, 749, 558
	\$ 4, 814, 227	5, 090, 350	1, 587, 605
MEATS, PREPARED, PRESERVED OR CANNED			
Bacon and hams, shoulders and sides	cwt. 2, 357, 892	2, 047, 307	670, 866
	\$ 62, 081, 160	69, 960, 452	24, 175, 917
Beef, pickled, in barrels	cwt. 46, 548	34, 710	10, 390
	\$ 1, 071, 200	833, 985	250, 860
Canned meats	lb. 108, 324, 890	46, 389, 808	11, 321, 490
	\$ 19, 778, 437	10, 612, 172	4, 689, 871
Extract of beef	lb. 203, 056	51, 516	54, 804
	\$ 203, 628	46, 663	47, 327

Foreign Trade

TABLE 13. Exports of Products of the Canadian Slaughtering and Meat Packing Industry, during the calendar years, 1947, 1948 and 1949 - Concluded

Articles	1947	1948	1949
MEATS, PREPARED, PRESERVED OR CANNED - CONCLUDED			
Pork, dry-salted	cwt. 129	28,282	1,127
	\$ 4,722	920,577	39,344
Pork, pickled, in barrels	cwt. 119,269	127,685	87,852
	\$ 2,074,277	2,162,389	1,364,227
Sausage and bologna	cwt. 40,652	47,084	15,219
	\$ 1,009,533	1,355,500	581,135
Soups, n. o. p. (except "Tomato Soup")	lb. 9,051,351	4,154,654	1,413,325
	\$ 1,318,282	683,686	244,045
Animal entrails, edible, n. o. p.	cwt. 40,598	68,597	73,303
	\$ 602,499	1,440,207	2,158,610
Meats, n. o. p.	cwt. 36,736	25,460	32,434
	\$ 527,982	471,007	424,082
OILS, FATS, GREASES AND WAX			
Neat's-foot and other animal oils, n. o. p.	gal. 343	4,766	11,777
	\$ 1,031	10,899	14,757
Grease, grease scraps and animal soap stock	cwt. 4,016	-	3,776
	\$ 31,746	-	9,045
Lard	cwt. 7,786	5,686	2,366
	\$ 220,261	189,813	58,087
Tallow	cwt. 1,198	7,411	33,128
	\$ 9,053	121,751	236,049
Wax, animal	lb. 19,744	27,412	51,886
	\$ 15,150	22,895	29,050
HIDES AND SKINS			
Calf hides and skins	no. -	-	682,338
	\$ 95,226	1,378,019	3,252,827
Cattle hides and skins	no. -	-	772,436
	\$ 870,621	8,410,536	9,302,775
Pig hides and skins	cwt. 592	2,000	-
	\$ 6,945	24,826	-
Horse hides and skins	no. -	-	101,286
	\$ 330,730	1,444,156	852,045
Sheep hides and skins	no. -	-	224,964
	\$ 78,929	447,311	233,440
Hides and skins, n. o. p.	no. -	-	210,219
	\$ 260,469	260,763	300,379
BONES, HORNS, ETC.			
Bones, crude	cwt. 102,296	88,546	73,501
	\$ 298,008	292,358	216,248
Bone dust and bone meal	cwt. 8,428	39,916	62,823
	\$ 46,266	178,630	230,194
Horns and hooves	\$ 33,507	25,386	26,703
MISCELLANEOUS ANIMAL PRODUCTS			
Wool, in the grease	lb. 2,956,762	2,951,631	2,855,585
	\$ 971,829	1,346,579	1,253,228
Wool, scoured or washed	lb. 949,482	910,741	540,018
	\$ 458,224	644,103	401,407
Hair and bristles	\$ 1,661,550	1,488,808	1,395,555
Glue	cwt. 12,128	11,334	1,601
	\$ 151,662	150,981	24,574
Glue stock	cwt. 186,510	111,827	132,571
	\$ 359,788	275,277	194,363
Tankage	cwt. 33,264	96,741	104,274
	\$ 40,060	340,670	452,460
Sausage casings	\$ 1,830,275	1,932,910	1,526,730
Total Value of Exports of Products of the Slaughtering and Meat Packing Industry	\$ 111,946,294	153,029,346	88,373,830

List of Operators of Slaughtering and Meat Packing Plants

Name	Address
Newfoundland:	
Peter Pan Sales Co.	George St., St. John's
Prince Edward Island:	
Canada Packers Ltd.	Grafton St., Charlottetown
Nova Scotia:	
Hingley, Walter S.	122 Main Street, Truro
MacDonald, Wm.	512 Esplanade, Sydney
New Brunswick:	
Saint John Abattoir Commission	Thorne Ave., Saint John
Swift Canadian Co., Ltd.	Albert St. Extension, Moncton
Taylor, G.B.	220 Bridge Street, Saint John
Quebec:	
Abattoir Coopérative Fédérée Abattoir	255, rue Blouin, Québec
Abattoir Dunham Ltée.	Dunham
Abattoir Régional de St-Jérôme	St. Jérôme
Bovril (Canada), Limited	9500 St. Lawrence Blvd., Montréal
Bourassa, Limitée, Noé	3863 Rivard St., Montreal
Brassard & Frères Ltée	48 Côte Reserve, Chicoutimi
Brunet & Frère	4623, rue Henri-Julien, Montréal
Canada Packers, Limited	1260 Mill Street, Montreal
Canada Packers, Limited	210 Montcalm St., Hull
Charcuterie Frontenac	14 Sutherland Street, Quebec
Chevrette, Lionel	St. Hugues
Coopérative Fédérée de Québec	Princeville - H.O. Montreal
Coorsh, Sam	228 Ontario St. E., Montreal
Dominion Packers Limited	11400 Sherbrooke St. E., Montreal
Dominion Produce Co., Ltd.	335 St. Paul St., E., Montreal
Eastern Abattoirs, Limited	4445 Iberville St., Montreal
Frontenac Beef Company	4365 Frontenac St., Montreal
Granby Packing Enr.	Granby
Hoppenheim, Max.	350 Mont Royal East, Montreal
Lafleur, Alphonse Ltée.	350 5ième rue, Québec
Lavoie & Frères Enr.	Rang St-Jean Baptiste, Chicoutimi
Leduc Limitée, E. & A.	200 Greene Ave., Montreal
Legrade Inc.	Rue d'Estimauville, Québec Ouest
Letovsky Brothers	6581 Papineau Ave., Montreal
Longueuil Meat Exporting Co., Ltd.	125 Côte Noire Rd., St. Lambert
McGarry & Co., Ltd.	708 St. Paul St. W., Montreal 3
Marché de Québec, Enr.	342 First Avenue, LImoilou
Modern Packers Limited	4670 Iberville St., Montreal
Nu Way Food Products	6555 Papineau Avenue, Montreal

List of Operators of Slaughtering and Meat Packing Plants - Continued

Name	Address
Quebec - Concluded	
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
Rosenfeld	236 Mt. Royal St. E., Montreal
Salaison Maisonneuve Ltée	1420 Lasalle Avenue, Montreal
Supreme Packers Inc.	5149 Marquette St., Montreal
Sylvain Frères	161 Durocher Street, Quebec
Wilsil, Limited	1239 Mill Street, Montreal
Ontario:	
Arthur Limited, T.	952 Millwood Road, Leaside
Aylmer Packers	1349 Dundas St., London
Barber, Chas. W.	100 Wyndham Street, Guelph
Beck, M.	Mount Albert
Brant Abattoir, The	R.R. 6, Brantford
Brenner Packers Limited	497 Catarqui Street, Windsor
Burns & Company (Eastern) Limited	901 Guelph Street, Kitchener
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
Cawker Brothers	Queen Street, Port Perry
Coleman Packing Co., Limited	First Street, London
Cornwall Abattoir	Cumberland & Ninth Sts., Cornwall
Cridland & Sons, Ltd., James	306 Coxwell Avenue, Toronto
D'Aoust, Achille	36 Beechwood Avenue, Eastview
Dominion Dressed Meats	2 Tecumseth Street, Toronto 2B
Duff & Sons, Limited, John	Brant & Hillyard Sts., Hamilton
Elgin Meat Supply Limited	193 Talbot Street, St. Thomas
Essex Packers Limited	Wentworth St., N., Hamilton
Essex Packers Limited	897 Mercer Street, Windsor
Essex Packers Limited	Merritton
Family Packers	21 Jarvis Street, Hamilton
Fearman Co., Ltd., F.W.	226 Rebecca Street, Hamilton
First Co-operative Packers of Ontario, Limited, The	Baldwin Street, Barrie
Fort York Packers Limited	2 Tecumseth Street, Toronto
Fuller Company, George	3 Carlaw Avenue, Toronto
Fuller, W.R.	147 Boston Avenue, Toronto
Giffin, Arthur	Frankville
Glencoe Provision Ltd.	5 Market St., Toronto
Greenspan & Sons, Karl	172 Harbord St., Toronto
Gronau & Sons, E.	91 Bridgeport Road, Waterloo
Gross, Morris	388 Clinton St., Toronto
Hague, Harry	955 Logan Avenue, Toronto 6
Hunnisett Limited, Frank	2306 St. Clair Avenue, W., Toronto 9

List of Operators of Slaughtering and Meat Packing Plants - Continued

Name	Address
Ontario:- Concluded	
Ideal Pork Products, Limited.....	1310- 2nd Avenue E., Owen Sound
Jones Packing Co.....	Hartzell Road, St. Catharines
Kitchener Packers Limited.....	210 Springvalley Road, Kitchener
Lapowich Meat Market.....	299 South Avenue, London
Leikin's Abattoir Limited.....	316 Savard Ave., Eastview
Lever Brothers Limited.....	299 Eastern Avenue, Toronto
McFedridge, W.J.	74 Brock St., Kingston
McHardy Packing Company.....	Harriston
Meldrum Co., The.....	14 Vancouver Ave., Toronto
Moyer, Ellis.....	98 Queenston St., St. Catharines
Northern Produce.....	433 Laforest Ave., Sudbury
Ontario Reformatory.....	Guelph
Owen Sound Abattoir.....	Wiarion Rd., Owen Sound
Plumstead Products.....	5 Jarvis Street, Toronto
Presswood Brothers.....	30 Maybank Avenue, Toronto
Procter & Gamble Co. of Canada, Ltd.....	Burlington Street E., Hamilton
Proctor Packers, Limited.....	543 Greenwich Street, Brantford
Quality Meat Packers.....	203 First Avenue, Toronto 8
Riverside Packers.....	Englehart
Roberts Brothers.....	4 McNab Street, Hamilton
Schneider, Limited, J.M.....	321 Courtland Avenue E., Kitchener
Straffordville Packers Ltd.....	Straffordville
Swift Canadian Co., Ltd.....	1960 St. Clair Avenue W., Toronto
Timmins Packing Company.....	46 Montgomery Avenue, Timmins
Toronto Municipal Abattoir.....	2 Tecumseth Street, Toronto
Weise Abattoir, The.....	Courtland
Wellington Packers Limited.....	601 York Road, Guelph
Western Ontario Packing Co. Ltd.....	Box 360, Chatham
Whyte Packing Co., Ltd., The.....	78 Linton Avenue, Stratford
Windsor Packing Limited.....	Wellington at Tecumseh Rd., Windsor
York Packing Co., Limited.....	104 Trowell Ave., Toronto
Young Municipal Abattoir, L.M.....	822 McLaughlin St., Fort William
Manitoba:	
Anderson Packers Limited, Nils.....	679 Dawson Road, St. Boniface
Brandon Packers Limited.....	12th Street North, Brandon
Buffalo Packers Ltd.....	555 Dawson Rd., St. Boniface
Burns & Company Limited.....	1010 Logan Avenue, Winnipeg
Canada Packers Limited.....	660 Marion Street, St. Boniface
Dent's English Bacon Co., Ltd.....	286 Fort Street, 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
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
Western Packing Co. of Canada, Ltd., The.....	1000 Alexander Avenue W., Winnipeg

List of Operators of Slaughtering and Meat Packing Plants — Concluded

Name	Address
Saskatchewan:	
Burns & Company Limited.....	15th St. E. & 6th Ave., Prince Albert
Burns & Company, Limited.....	Winnipeg St., Regina
Canada Packers Limited.....	601 Home Street W., Moose Jaw
Canadian Co-operative Processors Ltd.	Swift Current
Empire Meat Company Limited.....	330 Second Avenue S., Saskatoon
Intercontinental Pork Packers Limited.....	Eleventh Street, West, Saskatoon
Prairie Packing Company	1773 Reynolds Street, Regina
Punnichy Horse Processing Plant.....	Punnichy
Star Meat Market Ltd.	219, 20th St. W., Saskatoon
Swift Canadian Company Limited.....	Lillooet St. West, Moose Jaw
Alberta:	
Burns & Company, Limited.....	Portland Street, Calgary
Burns & Company, Limited.....	120th Avenue, Edmonton
Canada Packers Limited.....	Fort Road & 70th Street, Edmonton
Canadian Co-operative Processors Ltd.	5918-129th Ave., Edmonton
Capital Packers Limited.....	12907-57th Street, Edmonton
Gainer, Chester D.	Western Stock Yards, Edmonton
Gainers, Limited.....	80th Avenue & 96th Street, Edmonton
Katchen Brothers	26th Ave. & 11th St. E., Calgary
Leimbock Abattoir, George.....	634-5th Avenue East, Calgary
Red Top Limited.....	Nose Creek, Calgary
Swift Canadian Company Limited.....	66th St., Edmonton
Union Packing Co. a division of Swift Canadian Company Limited.....	Box 159, Calgary
British Columbia:	
Alberta Meat Co., Ltd.	164-No. 5 Road, Eburne
Brown & Sons Limited, H.	50 Water Street, Vancouver
Burns & Company, Limited.....	Foot of Woodland Drive, Vancouver
Canada Packers Limited.....	750 Terminal Avenue, Vancouver
Fletchers Limited	8385 Fraser Ave., Vancouver
Gainers Limited.....	Ft. Fraser Street, Vancouver
Gordon Meat Market Ltd.	425 Bernard Ave., Kelowna
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

1949

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 1947 and by Provinces, 1948 and 1949

Year	Establishments	Employees	Salaries and wages	Cost of materials	Value of products
	No.	No.	\$	\$	\$
1919.....	14	44	43,756	259,394	403,015
1926.....	35	246	323,493	1,449,120	2,130,606
1927.....	35	251	329,251	1,299,885	2,016,848
1930.....	41	257	328,286	1,701,441	2,386,040
1933.....	61	345	282,845	1,094,131	1,684,349
1934.....	64	393	344,613	1,408,723	2,104,355
1935.....	59	364	355,028	1,239,341	1,916,095
1938.....	67	439	433,763	1,909,222	2,703,811
1939.....	65	411	388,032	1,753,907	2,496,801
1943.....	76	472	582,342	3,552,316	4,745,866
1944.....	73	482	638,419	3,319,837	4,526,445
1945.....	74	525	701,718	3,474,071	4,809,089
1946.....	74	599	794,803	4,243,599	6,156,879
1947.....	74	673	963,285	5,142,773	7,030,676
1948					
Quebec.....	24	234	387,899	1,666,406	2,447,275
Ontario.....	28	187	310,045	2,166,148	2,634,402
Other Provinces.....	18 ¹	220	417,475	2,229,818	2,990,951
Canada.....	70	641	1,115,419	6,062,372	8,072,628
1949					
Quebec.....	24	253	442,800	2,040,230	3,024,420
Ontario.....	31	274	475,485	3,015,515	3,935,663
Other Provinces.....	20 ²	247	505,490	3,204,577	4,180,515
Canada.....	75	774	1,423,775	8,260,322	11,140,598

1. Nova Scotia, 3; New Brunswick, 1; Manitoba, 6; Saskatchewan, 1; Alberta, 1 and British Columbia, 6.

2. Newfoundland, 1; Nova Scotia, 3; New Brunswick, 1; Manitoba, 6; Saskatchewan, 1; Alberta, 2; British Columbia, 6.

The total value of production of the specialized sausage and sausage casing industry in 1949, at \$11,140,598, was an increase of 38 p.c. over the 1948 figure. The increase was due to higher prices and increased output, as the volume of items for which quantities are recorded rose 20 p.c., every item showing marked increases in both volume and value. The cost of materials was 36 p.c. higher than in the previous year.

The industry, while not conducted on a large scale, is growing; the 75 reporting establishments recording 774 employees, or an average of slightly over 10 persons per plant. In 1948 there were 641 employees in 70 plants.

Salaries and wages amounted to \$1,423,775, an increase of 27.7 p.c. over the 1948 figure. The number of employees increased by 20 p.c.

TABLE 2. Production of Establishments in the Industry of Sausage and Sausage Casings, 1949, with Totals for 1948

Kind	Quebec	Ontario	Other Provinces ¹	Canada	
				1949	1948
Sausage					
lb.	2,155,538	5,174,115	4,000,453	11,330,106	10,418,558
\$	661,175	2,106,798	1,491,951	4,259,924	3,540,617
Bologna					
lb.	1,193,059	588,722	1,219,721	3,001,502	2,829,522
\$	285,929	187,908	358,917	832,754	802,196
Frankfurters					
lb.	1,746,203	2,576	386,700	2,135,479	1,824,757
\$	541,333	1,159	137,195	679,687	594,732
Weiners					
lb.	74,800	1,140,070	779,887	1,994,757	1,951,257
\$	16,121	448,477	295,032	759,630	624,108
Salami					
lb.	824,260	384,566	586,238	1,795,064	1,132,943
\$	384,665	226,303	302,028	912,996	448,654
Blood pudding					
lb.	1,367,218	60,581	207,583	1,635,382	1,501,448
\$	216,728	12,273	54,274	283,275	234,378
Sausage casings					
\$	205,689	560,008	28,475	794,172	184,327
Other products					
\$	712,780	392,737	1,512,643	2,618,160	1,643,616
Total value					
\$	3,024,420	3,935,663	4,180,515	11,140,598	8,072,628

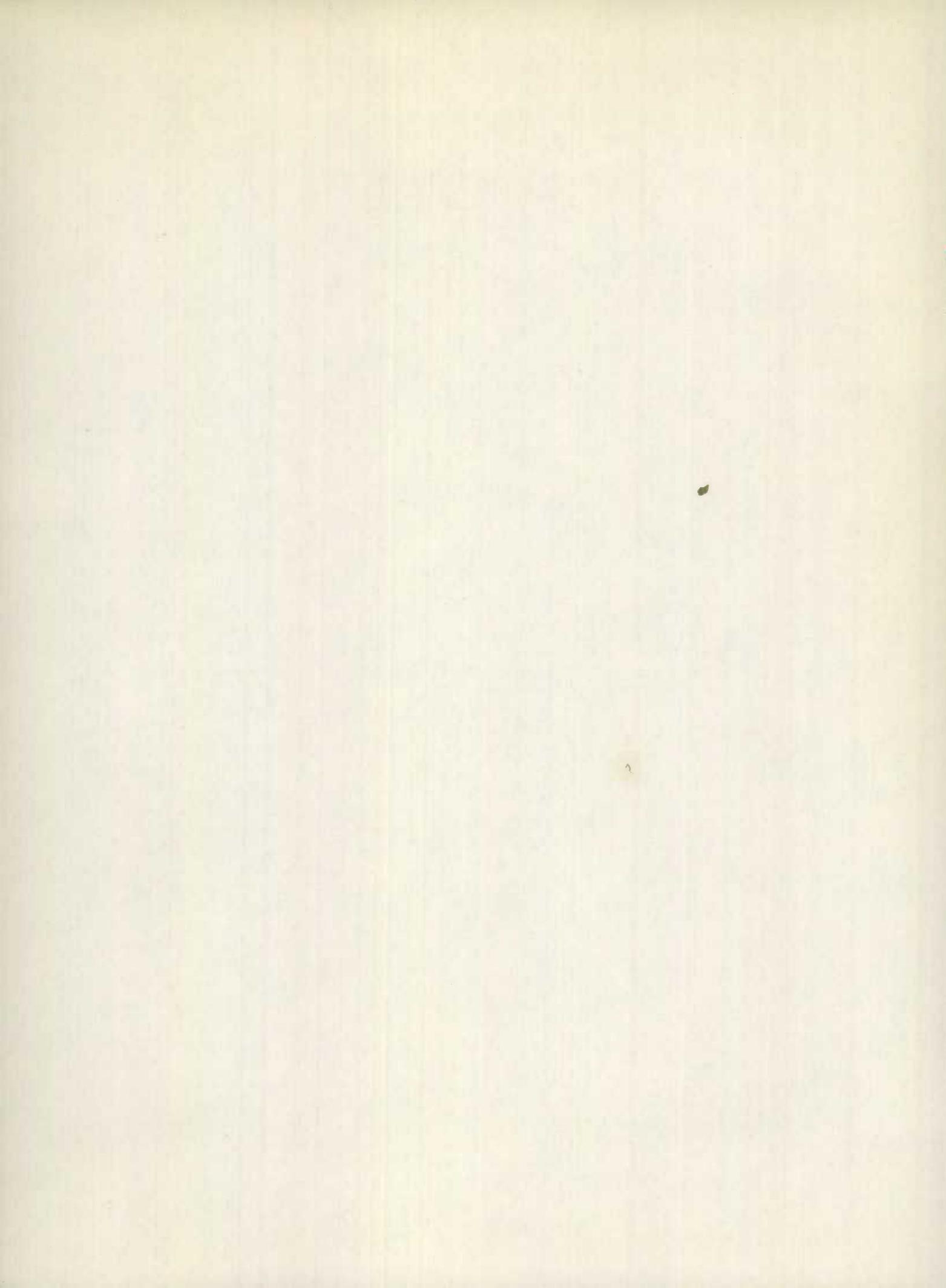
1. Nova Scotia, New Brunswick, Manitoba, Saskatchewan, Alberta and British Columbia in 1948 together with Newfoundland in 1949.

Establishments in the Industry of Sausage and Sausage Casings

Name	Address
Newfoundland:	
Parsons & Sons, R.F.	St. John's
Nova Scotia:	
Eastern Sausage	Glace Bay
Horyl & Sons, S.,	Union Highway, Scotchtown
Ideal Sausage Company,	81 Johnston Street, Sydney
New Brunswick:	
Sticklen Ltd.,	Saint John St., Chatham
Quebec:	
Beaudin, Arthur,	5789 Briand Street, Montreal
Belanger-Strasbourg	15, rue St-Henri, Hull
Belanger, Rene,	26, Blvd. Sacre-Coeur, Hull
Boudin Perfection,	6368, de Chateaubriand, Montreal
Brunet Enr. J.A.,	8560 De Gaspé St., Montreal
Buck's Food Products, Inc.,	0452 Atwater Avenue, Verdun
Canpodian Casing Corporation	4995 Angers St., Montreal
Charcuterie Hygienique Enr.,	437 St. Francois St., Quebec
Dionne Sausage Company	4457 Adam Street, Montreal
European Sausage	1742 Richardson St., Montreal
Fantino & Mondello,	6786 St. Lawrence Blv'd., Montreal
Gaudreau & Freres,	Magog
Hygrade Food Products Inc.,	5437 St. Lawrence Blv'd., Montreal
La Delicieuse Enr.,	540 Boucher St., Montreal
Leong Jung Company,	92 Lagauchetiere St. W., Montreal
Levitt's Strictly Kosher Delicatessen	4419 St. Lawrence Blv'd., Montreal
Produits Gaza Enr.,	2280 Florian, Montreal
Provincial Pickled Tongues,	5909 Papineau Ave., Montreal
Sepps Sausage & Delicatessen	4444 Colonial St., Montreal
Supreme Pickled Tongues,	5033 Berri Street, Montreal
Taillefer & Fils,	2180 Papineau Ave., Montreal
Trottier & Mainville,	4304 Parthenais Street, Montreal
United Packing Company Limited,	4365 Frontenac St. Montreal
Windsor Packing Reg'd.,	3781 St. Lawrence Blvd., Montreal
Ontario:	
Aubrey, R.H.,	43 York Street, Ottawa
Bell, Samuel,	218 Greenwood Avenue, Toronto
Caldwell Sausage Co.,	45 Ripley Ave., Toronto
Canada Packers Limited	795 London Street W., Windsor
Castel, J.,	32 Dickson Avenue, Hamilton
Chatham Packing Company,	20 Adelaide Street, Chatham
Dominion Kosher Sausage Company,	246 Simcoe Street, Toronto
Donihees Packers,	28 Bedford Street, Cornwall
Dracup & Company,	503 Parliament Street, Toronto
Frontenac Packers Ltd.,	183-185 Ontario Street, Kingston
Hachborn & Sons, C.E.,	692 King Street West, Kitchener
Karn's Meat Market	R.R 3, Kitchener

Establishments in the Industry of Sausage and Sausage Casings — Conc.

Name	Address
Ontario — Concluded	
Landan's Delicatessen,	81B Clarence Street, Ottawa
Leslieville Sausage,	186 Leslie Street, Toronto
Loblaw Groceries Co., Limited,	Fleet & Bathurst Sts., Toronto
Mazur, Adam,	1577 Dupont St., Toronto 9
Morrison's Meat Packers,	1219 King Street East, Kitchener
Oppenheimer Casing Co. of Canada, Ltd.,	201 Terminal Building, Toronto 1
Palestine Kosher Sausage Mfg. Company,	549 College Street, Toronto
Sandwich Sausage Co.,	3161 Donnelly Street, Windsor
Sanitary Packers Co. Ltd.	11th Street East, Cornwall
Shopsy's Foods, Ltd.,	299 Spadina Ave., Toronto
Shepherd's Sausages,	1152 Gladstone Avenue, Ottawa
Soloway's Star Meat Products,	664 Richmond St., W., Toronto
Strome & Sons, E.	43 Ezra Ave., Waterloo
Supreme Pickled Tongues	21 Regent St., Hawkesbury
Sykes Provision Co.,	364 Wellington St., Ottawa
Union Kosher Sausage Company,	56 Lippincott Street, Toronto
United Kosher Beef Products.....	671 Richmond Street W., Toronto
Virgin's Quality Pork Sausage	2366 Gerrard Street E., Toronto
Visking Limited.....	Lindsay
Manitoba:	
Chicago Kosher Sausage Mfg. Co., Ltd.,	358 Flora Avenue, Winnipeg
Community Foods Stores, Limited,	441 King Street W., Winnipeg
Manitoba Sausage Mfg. Co., Limited,	691 Dufferin Avenue, Winnipeg
Smiths Corn Beef & Sausage Mfg. Co.....	533 Burrows St., Winnipeg
Wach & Company, Andrew,	697 Anderson Avenue, Winnipeg
Winnipeg Sausage Co., Limited,	915 Main Street, Winnipeg
Saskatchewan:	
Fuhrmann & Company,	1501 Tenth Avenue, Regina
Alberta:	
Bender's Grocery	10,326 — 96th St., Edmonton
Parker, A.H.,	1209 Second Street E., Calgary
British Columbia:	
Brand Bros.,	723 Pembroke St., Victoria
Economy Sausage Co., Ltd.,	141 Hawks Avenue, Vancouver
Kam Yen Jan Company Limited,	223 Keefer Street, Vancouver
Main Fancy Sausage Factory, The,	214 Broadway West, Vancouver
Swift Canadian Company, Limited,	17 Water Street, Vancouver
Veteran's Meats & Delicatessen	2007 Government St., Victoria



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