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CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
ANIMAL PRODUCTS STATISTICS BRANCH

SLAUGHTERING & MEAT PACKING

and

ALLIED INDUSTRIES

in

CANADA

1930

STATISTICS STATISTIQUE  
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OTTAWA

1931

The statistics relating to by-products of the slaughtering and meat packing industry and products of the industries of sausage and sausage casings and animal oils and fats are not in all cases to be regarded as comprehensive, as by-products like lard compound and shortening are also found as products of the vegetable oil industry, and glue and fertilizer as products of the chemical industry.

#### TABLE OF CONTENTS

	Page
Introduction	1
General Tables	
The Slaughtering and Meat Packing Industry.	
Quantity and Value of Products	5
Principal Statistics	9
Capital Invested, Time in Operation	9
Employees and Salaries and Wages	10
Wage-earners, by months	10
Average Hours of Work	10
Classification of Establishments According to Number of Employees	11
Classification of Establishments According to Value of Production	11
Animals Slaughtered and Materials Used	12
Power Equipment and Fuel Used	13
Allied Industries	
Principal Statistics of the Industries of Sausage and Sausage Casings; Animal Oils and Fats	14
Quantity and Value of Product	14
Imports and Exports	
Imports into Canada, for consumption, of Products of the Slaughtering and Meat Packing Industry, 1928, 1929 and 1930.	15
Exports of Products of the Canadian Slaughtering and Meat Packing Industry, 1928, 1929 and 1930.	17
Appendix	
List of Operators of Establishments	19

August, 1931.

DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
OTTAWA, CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S (Hon.), F.R.S.C.  
Chief, Animal Products Statistics Section: Florence A. Brown

The present volume contains reports on the following industries: Slaughtering and Meat Packing; Sausage and Sausage Cuttings; Animal Oils and Fats.

THE SLAUGHTERING AND MEAT PACKING INDUSTRY,  
CANADA, 1930.

The slaughtering and meat packing industry is one of the leading manufacturing industries of Canada. It ranks second on the list in order of value of production, being preceded by the pulp and paper industry only. In the classification according to value of materials used it is first on the list, but with respect to number of employees, its ranking is much lower.

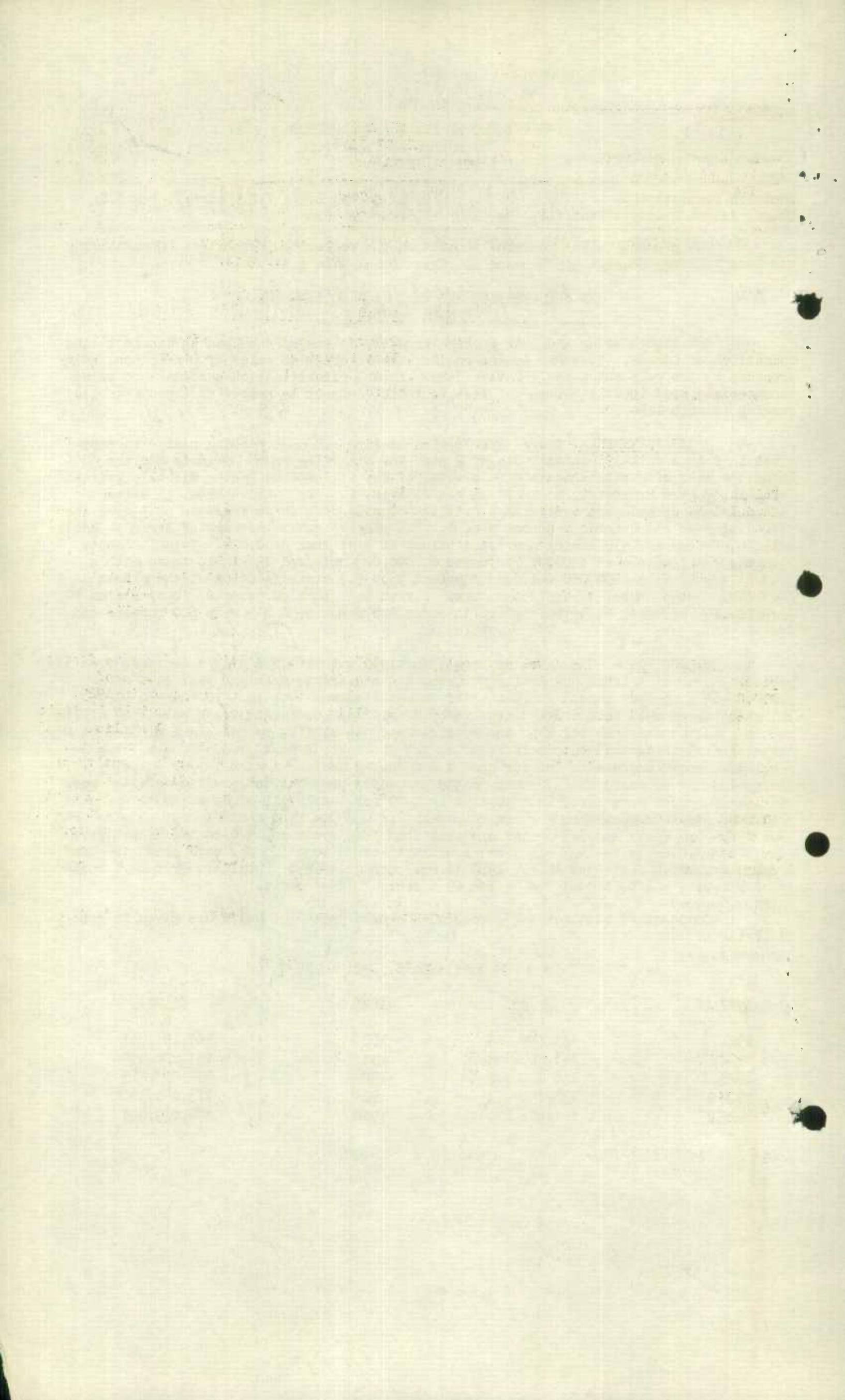
ESTABLISHMENTS.-- There were 76 slaughtering and meat packing plants in operation in Canada in 1930, an increase of 2 over the preceding year. Ontario had the largest number of establishments with a total of 24; followed by Quebec with 17; British Columbia, 9; New Brunswick, 8; Manitoba and Alberta, 6 each; Saskatchewan, 3; Prince Edward Island, 2; and Nova Scotia, 1. British Columbia records an increase of 3 over the preceding year and Ontario a decrease of 1. The plants, generally, are of large capacity, only 16 of them in 1930 having a product valued at less than \$100,000. Establishments with a product valued at \$100,000 to under \$1,000,000 numbered 25; while those with a product valued at \$1,000,000 and over numbered 35. The classification of the plants according to the number of employees shows 41 with less than 50 persons; 10 with from 50 to under 100 persons; 21 with from 100 to under 500 persons; and 4 with 500 persons and over.

PRODUCTION.-- The value of output for 1930 was \$164,029,953, a decrease from the preceding year of \$21,812,949 or  $11\frac{1}{2}$  per cent and a decrease from the year 1928 of \$10,066,466 or  $5\frac{1}{2}$  per cent. The volume of output also was less in 1930 than in 1929. The quantity of beef sold fresh decreased by 21 million pounds and fresh pork by 7 million pounds. Mutton and lamb and veal show increases of  $4\frac{1}{2}$  million pounds and 1 million pounds respectively. Decreased output is recorded for the various pork products, viz., hams, shoulders, bacon and sides, and for canned and cooked meats. A much larger quantity of shortening was produced in 1930 than in the preceding year but the quantity of lard made was less. Prices were lower in 1930 than in 1929 for nearly all kinds of meats and meat products: beef dropped from 14.9 cents per lb. in 1929 to 13.8 cents in 1930; mutton and lamb from 21.1 cents to 17.5 cents; and veal from 17.5 cents to 15.0 cents. Fresh pork rose from 18.6 cents to 18.7 cents but a downward trend is noted for pork products--hams dropped from 26.6 cents per lb. in 1929 to 25.7 cents in 1930; shoulders from 24.1 cents to 21.1 cents; and bacon and sides from 29.5 cents to 29.7 cents.

Comparative statistics of production over a period of years are given in the following tables.

1. Total Value of Products Sold, 1921 to 1930.

Year	Value	Year	Value
			\$
1921	153,116,239	1926	167,127,091
1922	143,444,693	1927	167,220,392
1923	138,218,909	1928	174,095,419
1924	133,740,271	1929	185,842,902
1925	161,816,810	1930	164,029,953



THE SLAUGHTERING AND MEAT PACKING INDUSTRY - CANADA  
II. Products Sold, 1928, 1929 and 1930.

Kind	1928		1929		1930		Average Prices	
							1929	1930
<b>Meats sold fresh -</b>								
Beef	lb.	353,116,079	350,817,228	329,678,743	\$	144.9	13.8	
	\$	39,660,545	52,292,355	45,684,518				
Mutton and lamb	lb.	28,609,768	32,014,827	36,652,403	\$	21.1	17.5	
	\$	5,984,751	6,773,730	6,419,607				
Pork	lb.	141,356,588	144,753,695	137,930,602	\$	18.6	18.7	
	\$	23,524,518	27,050,662	25,835,039				
Veal	lb.	36,574,056	34,246,402	35,570,828	\$	17.5	15.0	
	\$	5,863,106	6,002,301	5,361,902				
Fancy meats, etc.	lb.	16,094,466	17,491,802	10,938,407	\$	11.8	09.3	
	\$	1,523,058	2,077,065	1,020,580				
Poultry	lb.	5,930,432	6,264,537	8,193,497	\$	33.5	26.6	
	\$	1,891,206	2,102,447	2,184,372				
<b>Meats cured -</b>								
Beef salted or cured	lb.	2,621,709	2,328,102	2,718,863	\$	14.6	13.0	
	\$	377,914	341,459	355,869				
Pork, salted	lb.	35,204,450	41,695,884	32,032,148	\$	18.9	19.6	
	\$	6,161,208	7,898,446	6,287,088				
Hams	lb.	27,917,649	21,972,855	20,481,010	\$	26.6	25.7	
	\$	7,239,742	5,846,280	5,266,081				
Shoulders	lb.	10,063,612	13,600,271	11,421,130	\$	24.1	21.1	
	\$	1,964,118	3,280,716	2,416,234				
Bacon and sides	lb.	52,014,038	55,182,765	46,202,047	\$	29.5	29.3	
	\$	14,229,217	16,319,959	13,536,704				
Meats cured, n.e.s.	lb.	30,548,981	19,564,249	17,854,217	\$	21.9	24.1	
	\$	5,706,015	4,303,905	4,318,458				
Sausage, fresh and cured	lb.	41,307,336	45,037,439	46,006,126	\$	19.2	19.5	
	\$	7,580,613	8,668,013	8,986,538				
Sausage casings	\$	1,664,554	1,317,921	1,162,637	\$	-	-	
Canned meats	lb.	6,815,051	10,197,431	6,443,349	\$	14.0	14.3	
	\$	947,225	1,432,524	914,379				
Cooked meats	lb.	22,855,796	22,977,644	18,386,452	\$	34.9	34.3	
	\$	7,012,476	8,032,544	6,322,570				
Canned soups	lb.	2,124,582	1,701,000	1,782,409	\$	10.4	08.5	
	\$	292,872	177,750	151,717				
Mince meat	lb.	860,017	769,841	599,933	\$	12.3	12.8	
	\$	105,765	94,888	72,033				
Lard	lb.	51,362,134	53,429,818	48,496,236	\$	15.2	15.5	
	\$	8,383,608	8,122,761	7,531,860				
Lard compound and other shortenings	lb.	50,037,638	51,403,264	-	\$	13.7	-	
	\$	7,103,878	7,089,672	-				
Shortening containing no animal fat +	lb.	-	-	51,787,567	\$	-	12.5	
	\$	-	-	6,493,902				
Shortening containing some animal fat +	lb.	-	-	13,329,661	\$	-	12.5	
	\$	-	-	1,675,510				

+ Prior to 1930 included with "Lard compound and other shortenings."



THE SLAUGHTERING AND MEAT PACKING INDUSTRY - CANADA  
II. Products Sold, 1928, 1929 and 1930 - Concluded

Kind		1928	1929	1930	Average Prices	
					1929	1930
Tallow	lb.	18,237,843	18,821,581	17,999,060		
	\$	1,485,956	1,489,472	1,075,252	¢ 07.9	05.9
Oleo	lb.	2,948,402	4,134,983	4,775,464		
	\$	330,609	381,282	393,269	¢ 09.2	08.2
Other oils	lb.	2,329,363	8,067,077	8,873,701		
	\$	285,439	966,635	883,482	¢ 11.9	09.9
Stearine	lb.	766,209	1,317,088	112,278		
	\$	55,113	119,310	10,208	¢ 09.0	09.0
Grease	lb.	4,570,593	4,678,903	4,035,337		
	\$	356,059	350,423	224,032	¢ 07.4	05.5
Cracklings	lb.	6,826,007	7,524,222	7,462,325		
	\$	167,105	183,172	170,229	¢ 02.4	02.4
Stock and Poultry food	lb.	-	4,231,174	9,757,248		
	\$	-	143,214	299,172	¢ 03.3	03.6
Animal tankage	tons	15,482	14,682	12,043		
	\$	761,271	751,298	572,774	¢ 51.17	47.56
Bones, raw, ground, etc.	tons	4,339	3,552	3,955		
	\$	196,863	176,797	163,881	\$ 49.77	41.43
Complete fertilizers	tons	20,381	24,828	3,566		
	\$	944,818	910,421	169,338	\$ 36.66	47.48
Glue	lb.	104,044	5,657	978,838		
	\$	1,735	255	116,637	¢ 04.5	11.9
Hides	No.	694,650	701,563	600,778		
	\$	7,650,266	5,701,851	3,921,486	\$ 8.13	6.52
Skins, sheep	No.	564,923	988,378	1,109,356		
	\$	1,033,569	1,329,010	715,791	\$ 1.34 ¢ 64.5	
Skins, calf	No.	221,191	237,583	726,511		
	\$	651,592	561,673	487,422	\$ 2.36 ¢ 67.0	
Wool	lb.	1,356,368	1,401,371	1,380,518		
	\$	656,930	482,698	277,718	¢ 34.4	20.1
Hair	lb.	756,291	531,465	459,269		
	\$	25,577	21,194	13,104	¢ 03.9	02.8
Soap	lb.	887,578	772,642	6,058,950		
	\$	91,470	71,539	587,378	¢ 09.2	09.6
All other products	\$	1,762,520	2,674,976	1,746,744		
Amount received for custom or contract work	\$	323,133	301,784	204,498		
TOTAL FACTORY VALUE OF PRODUCTS SOLD	\$	174,096,419	185,842,902	164,029,953		

\* Not shown separately prior to 1929.



Capital.— The value of the capital investment of the industry in 1930 amounted to \$60,778,996, a decrease from the preceding year of \$6,998,807 or 10 per cent. The total capital in 1930 was apportioned as follows: land, buildings and machinery, \$32,798,585; materials, products and supplies on hand, \$15,442,178; and cash, and accounts and bills receivable, \$12,538,233. The first item shows an increase of 4 million dollars over the preceding year while the other two items show decreases of 4 million and 7 million respectively.

Time in Operation.— The total number of days in operation by all plants during the year was 21,520, or an average per plant of 283.2 days. The average number of days per plant in 1929 was 289.6.

Employees and Salaries and Wages.— There was a considerable decrease from the preceding year in the number of employees and in the salary and wage bill. In 1930 the total number of persons employed in the industry was 9,290 and the salaries and wages paid, \$12,114,667, while in 1929 the number employed was 10,762 and the amount paid in salaries and wages, \$13,998,716. The salaried employees in 1930 numbered 1,739 and received salaries totalling \$3,539,917 while the wage earners numbered 7,551 and the wages paid amounted to \$8,574,750. The average working day in 1930 consisted of the same number of hours as in 1929, namely 8.8 hours, but the average number of hours worked per week was slightly greater, being 50.4 hours, compared with 49.4 hours in 1929. Little change is shown from month to month in the number of wage earners employed in this industry, the numbers ranging in 1930 between the low record of 7,225 in April and the high record of 7,909 in November.

Animals Slaughtered and Materials Used.— The number of animals slaughtered in Canadian plants in 1930 was 3,987,819 distributed by kinds as follows: Beeves, 627,135; sheep and lambs, 758,170; hogs, 2,206,630; and calves, 395,884. The dressed weight of the animals slaughtered amounted to 724,024,410 pounds and the cost value to \$104,815,270. Decreases from the preceding year are shown in the number, weight and value of beeves and hogs slaughtered and increases for calves. Increases are recorded in the number and weight of sheep and lambs slaughtered, but a decrease in the cost value. Dressed meat purchased by the plants in 1930 in a fresh or partly cured state amounted to 70,538,745 pounds valued at \$11,011,881 and the poultry used showed a total of 6,240,959 pounds valued at \$1,468,593. The 1930 returns divide the oils used into 3 items, namely, "cotton seed oil", "vegetable oils, n.e.s.", and "animal oils". Previous to 1930, the last two groups were combined as "other animal and vegetable oils". The principal item in the oils used in 1930 is that of "vegetable oils, n.e.s.", the total quantity used amounting to 68,885,823 pounds. The quantity of cotton seed oil used amounted to 8,218,214 pounds and the animal oils, to 3,009,342 pounds. The total cost value of animals slaughtered and materials used during the year 1930 was \$129,004,327 compared with \$151,814,517 in 1929. The following table gives the number of the different kinds of animals slaughtered at the plants from 1921 to 1930.

Year	Sheep and Lambs				Calves
	Beeves	No.	No.	Hogs	
1921	517,755	714,909	1,774,510	181,528	
1922	561,784	683,596	2,166,129	293,121	
1923	564,541	614,903	2,472,740	263,222	
1924	590,628	544,394-553,915	3,050,159-3,134,963	400,247-305,922	
1925	664,864	529,028	3,033,466	334,519	
1926	693,290	543,891	2,681,305	334,398	
1927	752,364	621,805	2,821,234	388,405	
1928	725,908	638,863	2,824,990	390,223	
1929	719,520	720,852	2,639,005	364,797	
1930	627,135	758,170	2,206,630	395,884	

Imports and Exports.— The imports of meats and meat products into Canada during the calendar year, 1930, had a total value of \$17,801,625 compared with \$20,784,315 in 1929, while the value of products of the Canadian slaughtering and meat packing industry exported totalled \$13,996,026 in 1930 compared with \$26,223,161 in 1929. The chief items of export in 1930 were: cattle hides and skins, \$3,444,830; bacon and hams, shoulders and sides, \$3,635,044; and beef, fresh, chilled or frozen, \$1,226,661.

OSCE on territorial integrity and the right  
to self-determination, and the principles of  
non-interference in internal affairs.  
The OSCE has also been involved in  
the peacekeeping and political processes  
and has been invited to observe the  
negotiations.

Local officials have been invited to observe  
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Consumption of Meats.-- The following statement prepared by the Agricultural Branch of the Dominion Bureau of Statistics shows the estimated consumption of meats in Canada in 1929 and 1930.

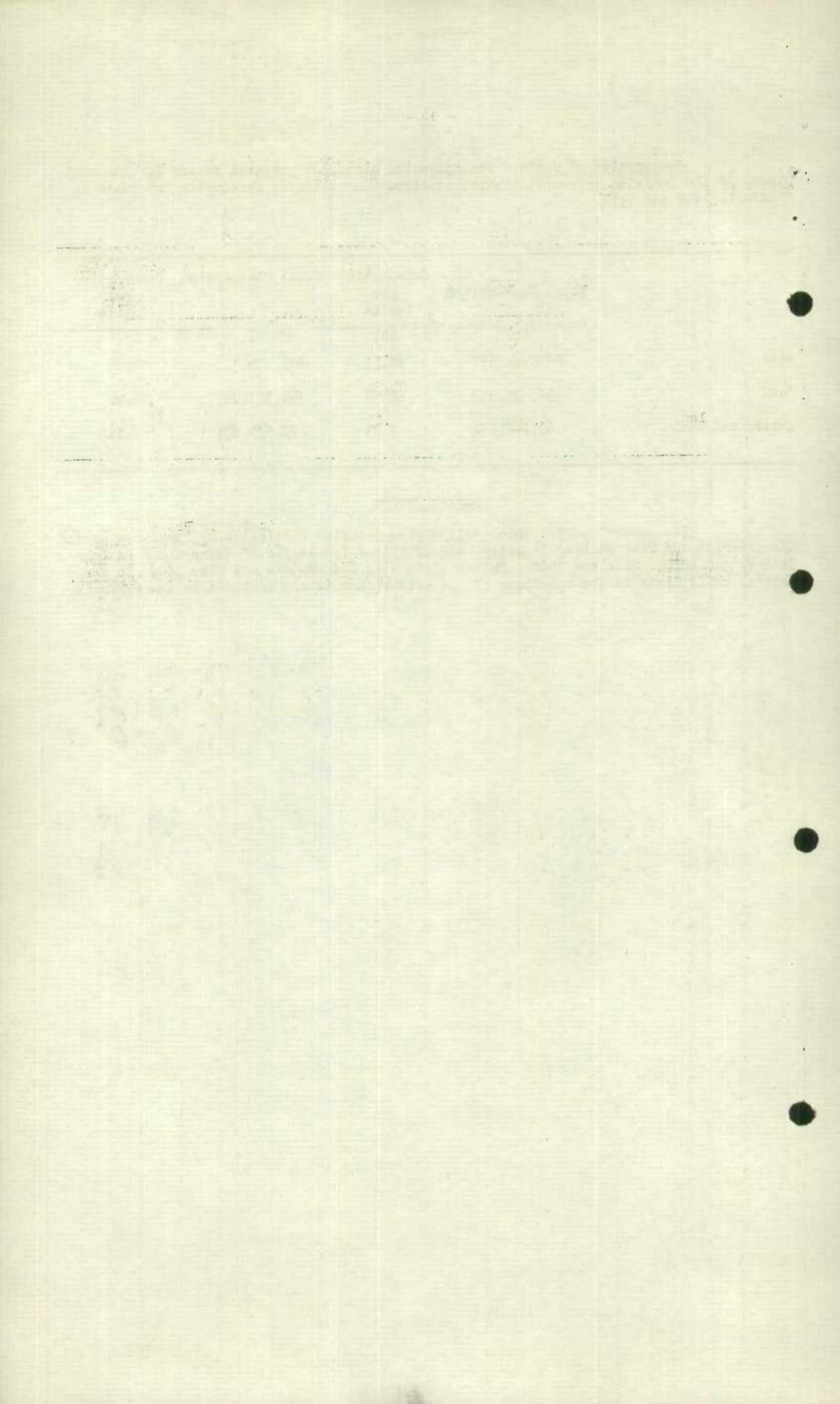
1929

1930

	Total Consumption	Consumption per Capita	Total Consumption	Consumption per Capita
	lb.	lb.	lb.	lb.
Beef	657,461,257	68.17	671,25,526	67.59
Pork	798,659,058	81.52	744,327,819	74.92
Mutton and lamb	68,848,278	7.03	70,639,631	7.11

General Tables

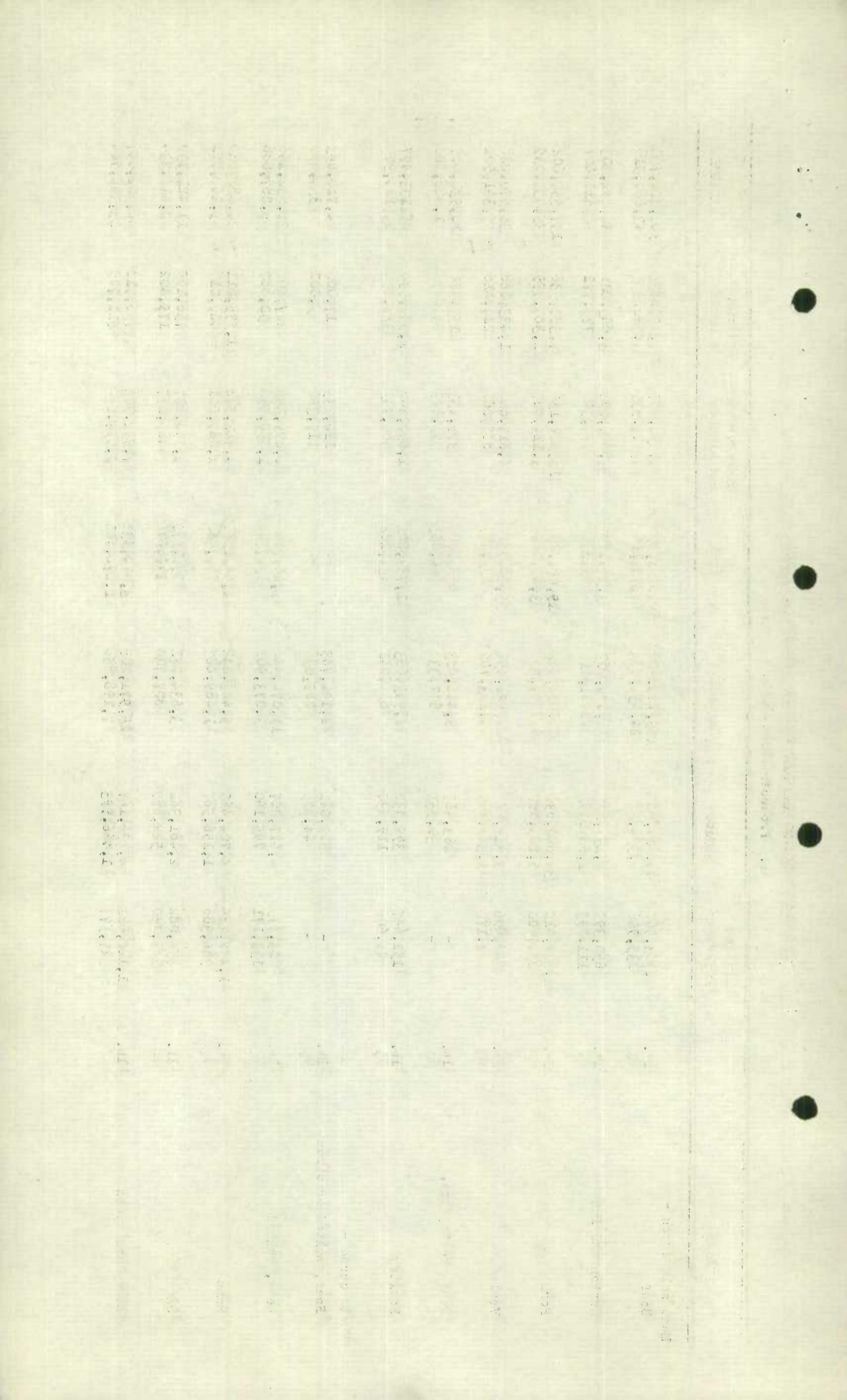
The general tables which follow give detailed statistics by Provinces of the Slaughtering and Meat Packing Industry, and of allied industries of Sausage and Sausage Casings and Animal Oils and Fats. Tables of imports and exports are also given in the report, while lists of the operators of the establishments are included in the appendix.



## THE SLAUGHTERING AND MEAT-PACKING INDUSTRY, CANADA

## 1. Products Sold, 1930.

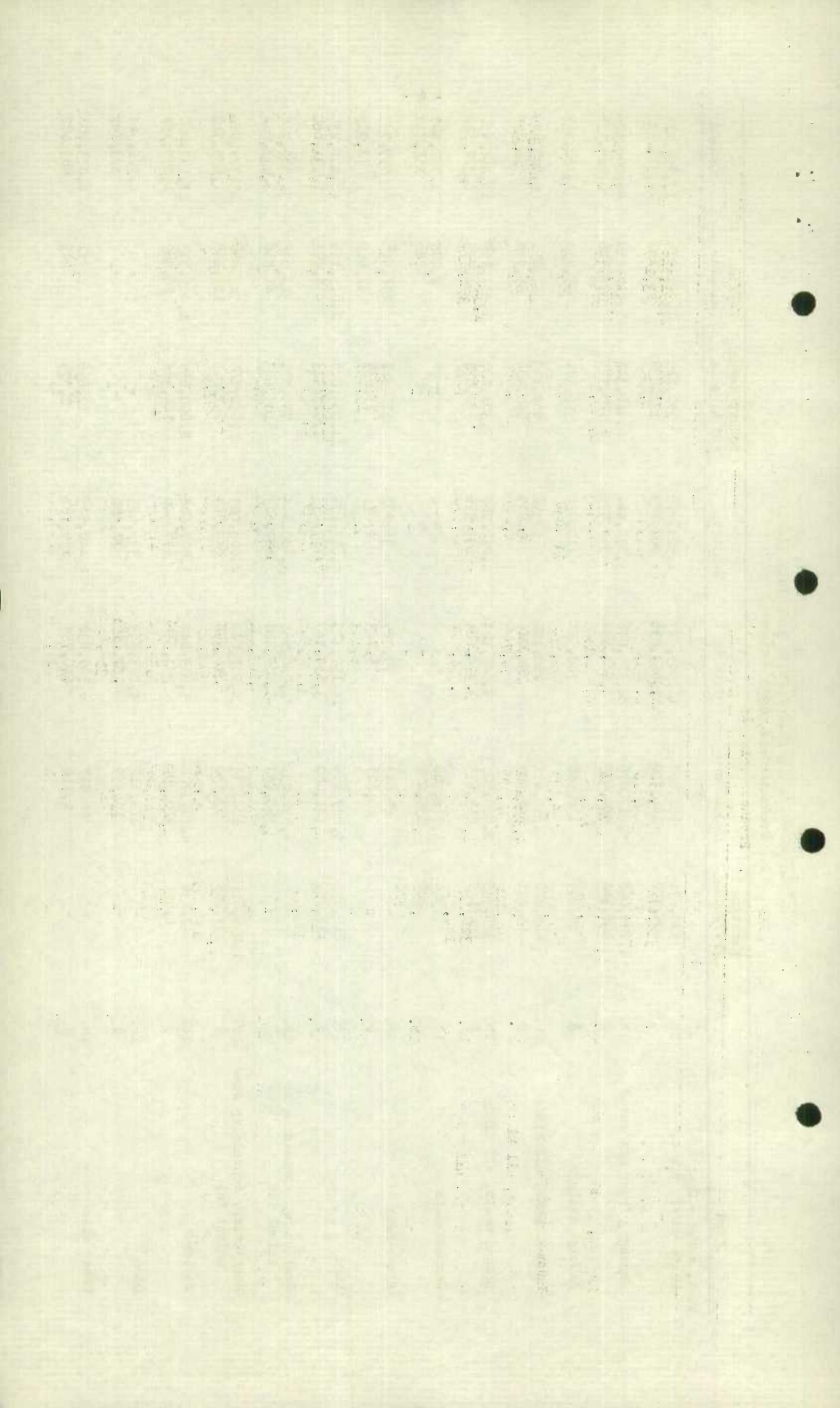
Kind		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	CANADA
<b>Meat sold fresh -</b>								
Beef	lb. \$	1,763,560 235,966	49,619,923 6,354,289	165,724,340 24,438,823	50,672,890 6,379,166	34,550,347 4,417,939	27,347,683 3,858,335	329,670,743 45,684,518
Mutton and lamb	lb. \$	650,399 111,293	6,137,125 1,043,392	18,474,807 3,241,416	3,538,179 594,336	3,868,692 655,398	3,983,201 773,772	36,652,403 6,419,607
Pork	lb. \$	1,127,619 254,600	34,040,836 6,263,899	57,205,650 11,374,365	19,676,725 3,487,189	18,522,136 3,114,407	7,357,636 1,340,579	137,930,602 25,635,039
Veal	lb. \$	46,606 7,170	9,717,402 1,328,220	12,928,454 2,123,769	5,638,938 853,257	5,815,810 825,068	1,423,618 224,418	35,570,828 5,361,902
Fancy meats, etc.	lb. \$	- -	263,467 30,531	9,446,503 847,330	653,708 66,083	399,153 53,627	175,576 23,009	10,938,407 1,020,580
Poultry	lb. \$	152,667 46,606	397,332 119,530	2,943,663 865,041	1,703,601 434,182	1,690,240 386,743	1,305,994 332,270	8,193,497 2,184,372
<b>Meats cured -</b>								
Beef, salted or cured	lb. \$	- -	385,041 44,495	2,196,749 289,038	- -	118,073 17,336	17,000 5,000	2,718,863 355,869
Pork, salted	lb. \$	803,975 133,171	4,627,207 795,160	15,076,344 3,073,900	3,266,926 635,732	8,029,836 1,598,636	227,860 50,489	32,032,148 6,287,088
Hams	lb. \$	1,452,759 386,388	4,704,469 1,156,587	5,443,041 1,489,487	2,564,152 676,340	4,741,578 1,089,261	1,575,011 468,018	20,481,010 5,266,081
Shoulders	lb. \$	956,082 183,350	2,481,382 522,899	3,634,071 807,730	996,579 236,676	2,594,907 486,177	758,109 179,402	11,421,130 2,416,234
Bacon and sides	lb. \$	1,120,821 327,577	4,896,167 1,466,993	25,971,209 7,198,850	3,504,436 1,074,401	7,952,502 2,557,094	2,756,912 911,789	46,202,047 13,536,704



## THE SLAUGHTERING AND MEAT-PACKING INDUSTRY, CANADA

## 1. Products Sold, 1930 - Cont'd.

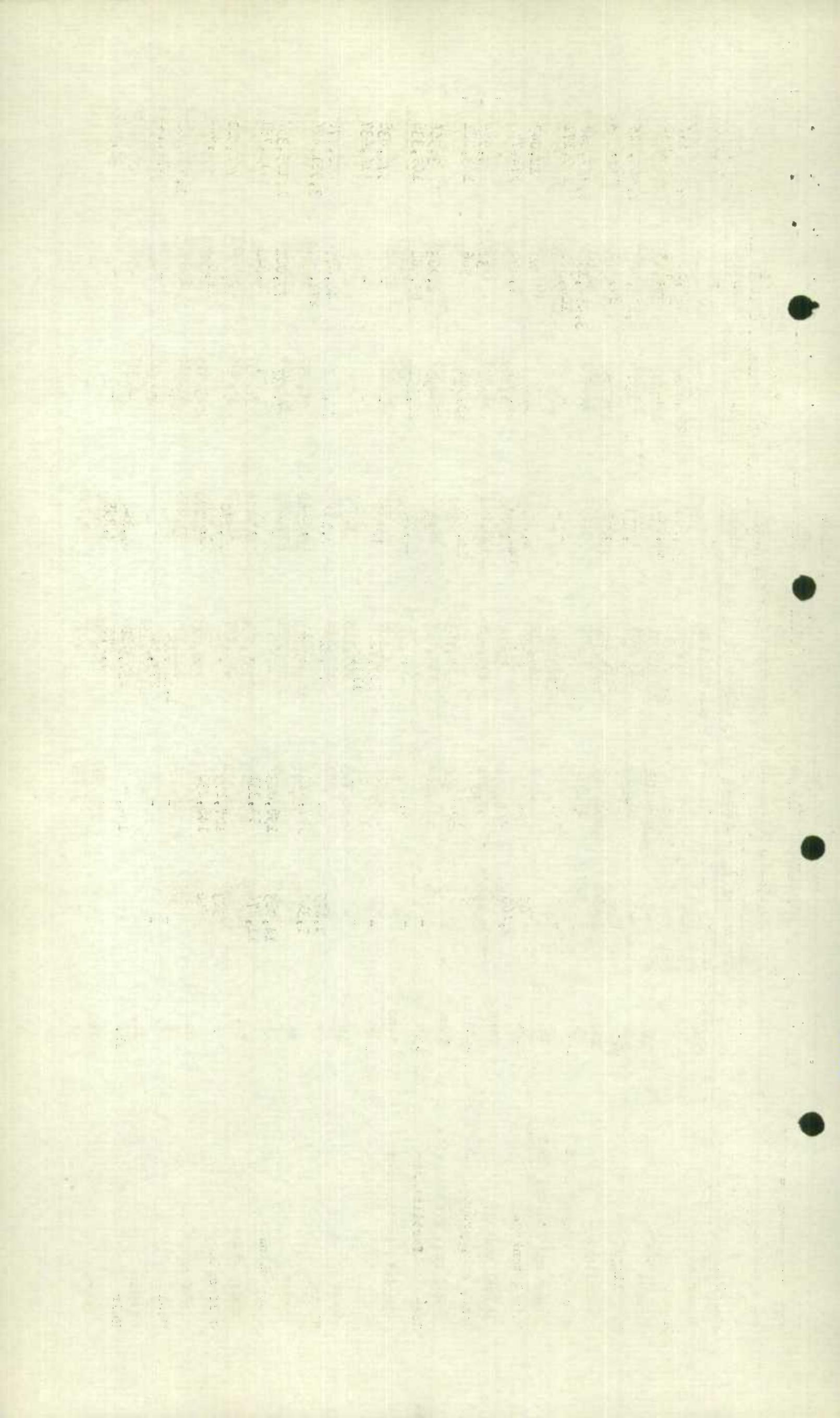
Kind		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	CANADA
<b>Meats cured - Cont'd -</b>								
Meats cured, n.e.s.	lb. \$	520,671 105,758	682,098 146,710	11,345,427 2,863,838	1,921,276 407,145	992,829 231,838	2,391,916 563,169	17,854,217 4,318,458
Sausage, fresh and cured	lb. \$	1,702,048 308,340	5,317,076 954,633	22,376,078 4,642,194	5,872,464 954,870	8,928,342 1,729,785	1,810,118 396,716	46,006,126 8,986,538
Sausage casings	\$	17,943	136,948	740,554	110,034	98,104	59,054	1,162,637
Canned meats, all kinds	lb. \$	469,028 65,221	4,399,691 542,309	260,120 54,746	9,356 1,899	964,103 160,406	341,051 89,798	6,443,349 914,379
Cooked meats, all kinds	lb. \$	326,335 104,145	2,826,905 853,633	9,545,124 3,374,684	2,072,089 697,996	2,301,200 900,879	1,314,799 391,233	18,386,452 6,322,570
Canned soups	lb. \$	7,500 900	1,766,900 150,029	-	-	-	8,009 788	1,782,409 151,717
Mince meat	lb. \$	- -	86,843 10,127	77,029 9,123	36,202 4,475	111,411 15,639	288,448 32,669	599,932 72,033
Lard	lb. \$	816,695 127,055	4,829,884 741,080	24,157,725 3,694,545	4,813,695 717,293	11,063,078 1,815,423	2,815,159 436,464	48,496,236 7,531,860
Shortening, containing no animal fat	lb. \$	- -	4,252,035 568,860	41,060,965 5,109,868	5,400,844 669,623	759,777 103,663	313,946 41,888	51,787,567 6,493,902
Shortening, containing some animal fat	lb. \$	1,034,812 137,109	604,233 83,530	6,907,845 816,398	2,008,603 253,864	1,850,760 257,441	923,408 127,168	13,329,661 1,675,510
Tallow	lb. \$	42,234 1,877	4,787,782 310,094	5,875,044 354,660	3,027,528 177,348	2,800,659 144,384	1,465,813 86,889	17,999,060 1,075,252
Oleo	lb. \$	- -	214,218 18,359	4,227,553 352,610	333,693 22,300	-	-	4,775,464 393,269
Other oils	lb. \$	- -	20,517 2,716	6,389,832 618,754	2,448,945 259,787	12,656 1,979	1,751 246	8,873,701 883,482



## THE SLAUGHTERING AND MEAT-PACKING INDUSTRY, CANADA

## 1. Products Sold, 1930 - Cont'd.

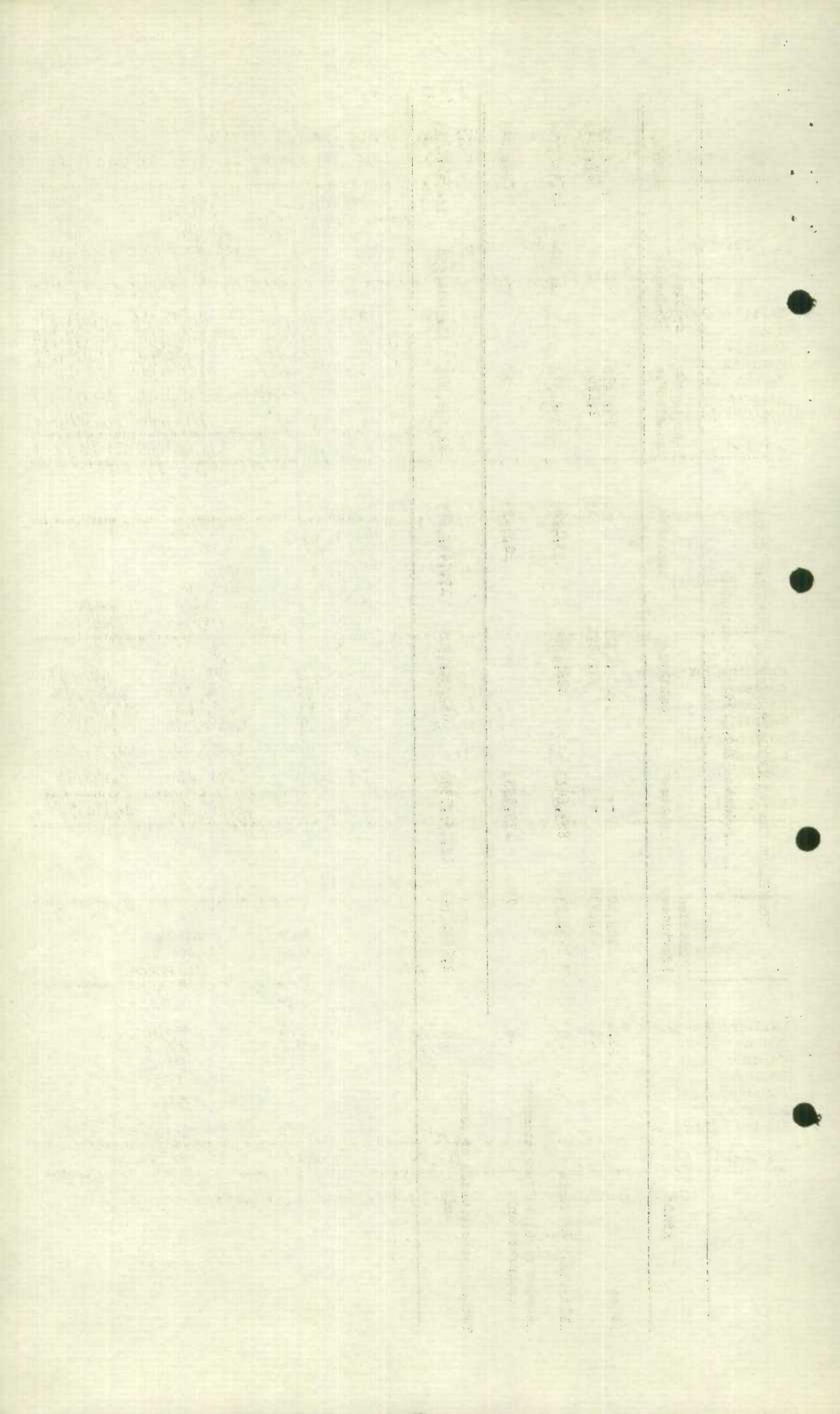
Kind		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	CANADA
Stearine	lb. \$	- -	- -	112,278 10,208	- -	- -	- -	112,278 10,208
Grease	lb. \$	- -	1,069,802 60,653	2,101,591 115,705	255,104 14,928	229,715 11,582	379,125 21,164	4,035,337 224,032
Cracklings	lb. \$	1,000 50	4,460,915 84,331	344,760 7,878	266,533 9,604	1,275,257 34,283	1,113,860 34,083	7,462,325 170,229
Stock and Poultry food	lb. \$	- -	- -	6,263,056 194,812	- -	- -	3,494,192 104,360	9,757,248 299,172
Animal tankage	tons \$	65 3,466	2,194 97,501	5,605 275,039	2,890 138,043	1,209 51,467	80 7,258	12,043 572,774
Bone, raw, ground, etc.	tons \$	5 56	306 13,164	2,763 114,637	360 11,456	489 23,582	32 986	3,955 163,881
Complete fertilizers	tons \$	- -	78 4,566	405 36,807	250 11,925	550 26,352	2,283 89,688	3,566 169,338
Glue	lb. \$	- -	70,123 971	905,715 114,916	3,000 750	- -	- -	978,838 116,637
Hides	No. \$	2,175 9,310	98,272 587,829	276,818 2,075,781	100,142 579,453	78,892 396,266	44,479 272,787	600,778 3,921,426
Sheep skins	No. \$	14,085 11,876	158,023 94,331	751,254 471,797	69,476 46,270	37,437 33,204	79,081 58,313	1,109,356 715,791
Calf skins	No. \$	323 568	107,195 148,230	556,029 221,139	28,270 53,215	23,415 43,216	11,279 21,054	726,511 487,422
Wool	lb. \$	- -	- -	1,339,350 273,340	- -	41,168 4,378	- -	1,380,518 277,718
Hair	lb. \$	- -	152,567 3,775	237,562 7,070	69,140 2,259	- -	- -	459,269 13,104



## THE SLAUGHTERING AND MEAT-PACKING INDUSTRY, CANADA

## 1. Products Sold, 1930 - Concluded

Kind		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	CANADA
Soap	lb.	183,169 13,936	- -	5,858,721 571,271	350 45	16,710 2,126	- -	6,058,950 587,378
All other products	\$	38,234	823,663	486,386	153,186	243,573	1,702	1,746,744
Amount received for custom or contract work	\$	9	193,933	-	10,529	27	-	204,498
Total factory value of products sold	\$	2,631,974	25,757,970	83,358,509	19,745,659	21,531,283	11,004,558	164,029,953



THE SLAUGHTERING AND MEAT PACKING INDUSTRY, CANADA

2. Principal Statistics of the Slaughtering and Meat Packing Industry, Canada, 1930.

Province	Estab- lish- ments	Capital Invested	Employees		Cost of animals slaughtered and materials used	Factory Value of Products Sold
			No.	Salaries and Wages		
Maritime Provinces +	11	860,839	212	211,638	2,283,418	2,631,974
Quebec	17	8,049,223	1,726	2,153,267	19,634,629	25,757,970
Ontario	24	31,723,811	3,867	5,217,930	66,183,552	83,356,509
Manitoba	6	4,376,357	1,123	1,460,903	15,464,796	19,745,659
Saskatchewan	3)	10,578,088	1,689	2,144,567	16,292,288	21,531,283
Alberta	6)					
British Columbia	9	5,190,678	673	926,362	9,145,844	11,004,558
T O T A L	76	60,778,996	9,290	12,114,667	129,004,327	164,029,953

3. Capital Invested, 1930.

Province	Estab- lish- ments	Land Buildings and Machinery	Materials, products, & supplies on hand, stocks in process, etc.			Total Capital
			No.	\$	\$	
Maritime Provinces +	11	247,523		368,782	244,534	860,839
Quebec	17	4,201,895		2,082,450	1,764,878	8,049,223
Ontario	24	17,500,041		7,611,649	6,612,121	31,723,811
Manitoba	6	1,592,028		1,659,962	1,124,367	4,376,357
Saskatchewan	3)	6,398,523		2,674,110	1,505,455	10,578,088
Alberta	6)					
British Columbia	9	2,858,575		1,045,225	1,286,878	5,190,678
T O T A L	76	32,798,585		15,442,178	12,538,233	60,778,996

4. Time in Operation, 1930.

Province	Estab- lish- ments	Days in Operation on full or part time		Days idle	Average days in operation
		No.	No.		
Maritime Provinces +	11	2,533		811	230.3
Quebec	17	4,968		200	292.2
Ontario	24	7,296		-	304.0
Manitoba	6	1,767		57	294.5
Saskatchewan	3)	2,732		4	303.6
Alberta	6)				
British Columbia	9	2,224		208	247.1
T O T A L	76	21,520		1,280	283.2

+ Establishments in the Maritime provinces are located as follows:

Prince Edward Island.....2  
Nova Scotia.....1  
New Brunswick.....8



THE SLAUGHTERING AND MEAT PACKING INDUSTRY, CANADA

5. Employees and Salaries and Wages, 1930.

Province	Salaried Employees			Wage-earners		
	Male	Female	Total Salaries	Male	Female	Total Wages
	No.	No.	\$	No.	No.	\$
Maritime Provinces +	29	9	67,825	158	16	143,813
Quebec	210	43	545,642	1,284	189	1,607,625
Ontario	608	96	1,516,008	2,895	268	3,701,922
Manitoba	182	41	433,807	803	97	1,027,096
Saskatchewan)	307	69	697,908	1,149	164	1,446,659
Alberta )						
British Columbia	115	30	278,727	449	79	647,635
T O T A L	1,451	288	3,539,917	6,738	813	8,574,750

6. Number of Wage-Earners, by months, 1930.

Province	January	February	March	April	May	June
	No.	No.	No.	No.	No.	No.
Maritime Provinces +	142	138	138	131	130	140
Quebec	1,520	1,524	1,456	1,406	1,425	1,470
Ontario	3,187	3,117	3,086	3,064	3,116	3,211
Manitoba	976	913	838	791	807	867
Saskatchewan)	1,358	1,424	1,340	1,313	1,308	1,351
Alberta )						
British Columbia	524	522	518	520	516	525
T O T A L	7,817	7,638	7,374	7,225	7,302	7,564

Province	July	August	September	October	November	December
	No.	No.	No.	No.	No.	No.
Maritime Provinces +	134	146	148	176	187	145
Quebec	1,464	1,433	1,534	1,531	1,512	1,420
Ontario	3,285	3,245	3,227	3,097	3,290	3,101
Manitoba	876	833	836	944	1,111	1,026
Saskatchewan)	1,350	1,311	1,226	1,197	1,273	1,269
Alberta )						
British Columbia	532	523	534	539	536	537
T O T A L	7,631	7,491	7,505	7,481	7,909	7,498

7. Number of Hours worked by Wage-Earners, 1930.

Province	Total hours worked per day	Total hours worked per week	Average hours per day	Average hours per week
	No.	No.	No.	No.
Maritime Provinces +	1,559	9,073	8.9	52.1
Quebec	14,107	78,279	9.5	53.1
Ontario	27,239	155,784	8.6	49.2
Manitoba	7,758	46,330	8.6	51.5
Saskatchewan)	11,440	65,114	8.7	49.6
Alberta )				
British Columbia	4,647	26,160	8.8	49.5
T O T A L	66,750	380,740	8.8	50.4

+ Establishments in the Maritime Provinces are located as follows:

Prince Edward Island.....2  
Nova Scotia.....1  
New Brunswick.....8

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*Journal of Clinical Endocrinology and Metabolism*, Vol. 103, No. 3, March 1994, pp. 661–666.

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THE SLAUGHTERING AND MEAT PACKING INDUSTRY, CANADA

8. Hours of Work of Wage-Earners in Month of Highest Employment,  
1930

Province	Estab- lish- ments	Number of wage-earners in month of highest employment working			
		8 hours per day or less	9 hours	10 hours	Over 10 hours
	No.	No.	No.	No.	No.
Maritime Provinces +	11	10	193	3	-
Quebec	17	435	270	710	188
Ontario	24	1,417	1,432	563	87
Manitoba	6	645	211	251	52
Saskatchewan	3)	674	621	226	5
Alberta	6)				
British Columbia	9	211	363	1	-
<b>T O T A L</b>	<b>76</b>	<b>3,392</b>	<b>3,090</b>	<b>1,754</b>	<b>332</b>

9. Classification of Establishments According to Number of Employees, 1930.

Province	Total Number of Establish- ments	Establishments Employing			
		Less than 50 persons	50 to under 100 persons	100 to under 500 persons	500 persons and over
	No.	No.	No.	No.	No.
Maritime Provinces +	11	10	1	-	-
Quebec	17	11	2	3	1
Ontario	24	11	5	5	3
Manitoba	6	2	-	4	-
Saskatchewan	3)	1	1	7	-
Alberta	6)				
British Columbia	9	6	1	2	-
<b>T O T A L</b>	<b>76</b>	<b>41</b>	<b>10</b>	<b>21</b>	<b>4</b>

10. Classification of Establishments According to Value of Production, 1930.

Province	Establishments having a Production valued at				
	Less than \$100,000	\$100,000 to under \$500,000	\$500,000 to under \$1,000,000	\$1,000,000 to under \$2,000,000	\$2,000,000 and over
	No.	No.	No.	No.	No.
Maritime Provinces	6	4	-	1	-
Quebec	3	6	4	-	4
Ontario	2	7	1	6	8
Manitoba	1	-	-	1	4
Saskatchewan)	-	1	-	3	5
Alberta )	-				
British Columbia	4	2	-	1	2
<b>T O T A L</b>	<b>16</b>	<b>20</b>	<b>5</b>	<b>12</b>	<b>23</b>

Establishments in the Maritime Provinces are located as follows:

Prince Edward Island.....2  
Nova Scotia.....1  
New Brunswick.....8

300,000 300,000 300,000 300,000

500

100

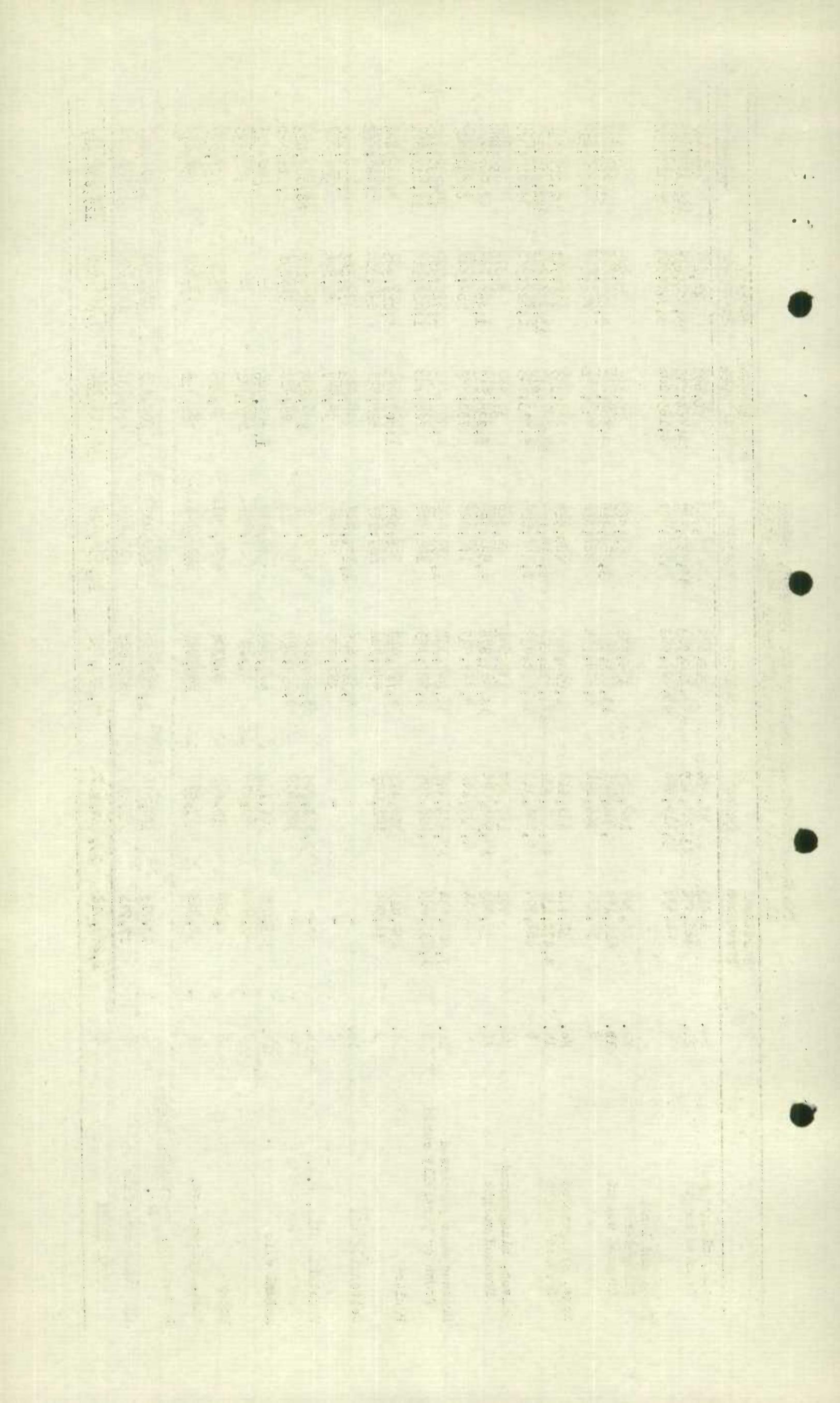
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THE SLAUGHTERING AND MEAT-PACKING INDUSTRY, CANADA  
II. Animals Slaughtered and Materials Used, 1930.

		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	CANADA
Beeves, slaughtered	No.	1,273	93,094	322,706	98,703	66,892	44,467	627,135
Dressed weight	lb.	448,772	43,750,429	168,315,903	49,654,630	34,664,042	25,604,658	322,438,434
	\$	41,437	5,116,968	24,027,063	5,997,007	4,165,202	3,770,562	43,118,239
Sheep and lambs								
Slaughtered	No.	16,307	148,576	352,951	81,965	78,171	80,200	758,170
Dressed weight	lb.	614,179	5,662,605	14,881,227	3,483,316	3,609,621	3,418,293	31,669,241
	\$	96,231	924,121	2,578,771	582,072	627,451	647,269	5,455,915
Hogs, slaughtered	No.	31,771	327,212	1,014,627	280,910	433,349	118,761	2,206,630
Dressed weight	lb.	4,470,137	45,558,902	153,411,265	42,516,126	60,607,174	16,346,529	322,910,133
	\$	682,604	6,948,313	23,872,030	6,267,888	9,013,845	2,825,390	49,610,070
Calves, slaughtered	No.	981	175,378	132,861	40,328	37,962	8,374	395,884
Dressed weight	lb.	93,903	18,562,084	14,633,878	6,095,390	6,238,817	1,382,530	47,006,602
	\$	9,011	2,633,141	2,222,635	772,628	790,083	203,548	6,631,046
Dressed meat purchased	lb.	7,502,634	19,424,342	33,867,338	1,592,222	1,405,219	6,746,990	70,538,745
fresh or partially cured	\$	1,235,085	2,609,509	5,657,323	261,742	222,704	1,025,518	11,011,881
Poultry	lb.	130,815	399,432	2,717,018	968,091	1,006,251	1,019,352	6,240,959
	\$	34,506	101,001	694,582	207,927	191,657	238,920	1,468,593
Cottonseed oil	lb.	-	-	6,317,908	1,161,827	348,013	390,466	8,218,214
	\$	-	-	383,940	98,954	38,207	46,856	567,957
Vegetable oils, n.e.s	lb.	-	3,554,904	54,829,287	9,269,726	949,806	282,100	68,885,823
	\$	-	385,650	4,135,586	659,567	99,984	32,251	5,313,038
Animal oils	lb.	323,031	581,133	623,382	60,040	1,421,756	-	3,009,342
	\$	49,041	65,376	71,730	7,242	189,341	-	382,730
Sugar	\$	2,206	28,583	39,332	27,407	26,310	8,392	132,230
Salt, spices, etc.	\$	32,361	157,876	194,271	104,787	81,711	77,892	648,898
Containers, wrappings, cases, etc.	\$	73,215	312,676	1,799,966	460,099	700,456	128,390	3,474,802
All other materials	\$	27,721	351,415	506,323	17,476	145,337	140,656	1,188,928
TOTAL VALUE	\$	2,283,418	19,634,629	66,183,552	15,464,796	16,292,288	9,145,644	129,004,327



## THE SLAUGHTERING AND MEAT-PACKING INDUSTRY, CANADA

## 12. Fuel Used, 1930.

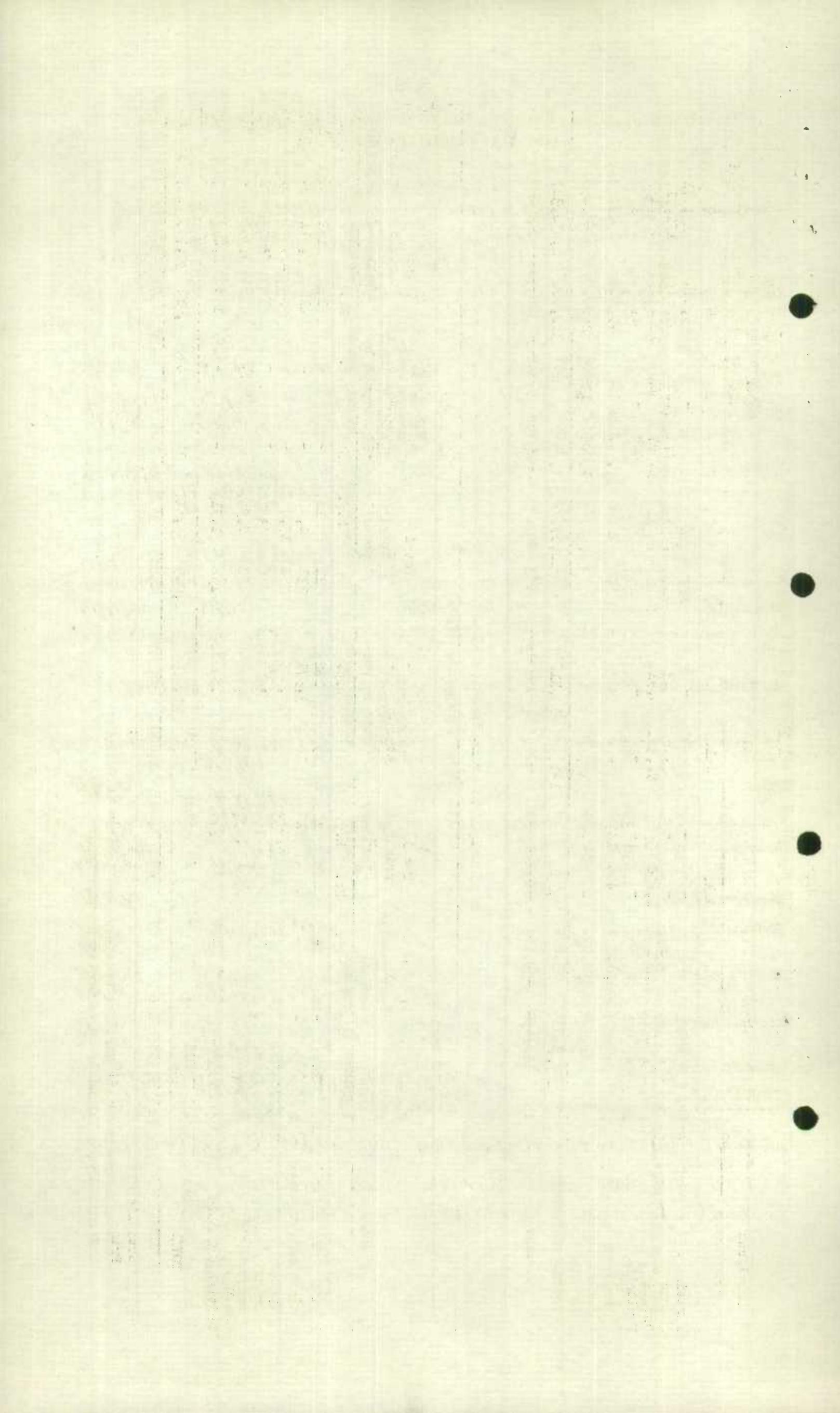
Provinces	Establishments	Coal		Gasoline		Fuel Oil		Wood		Gas	Other fuel	Cost of Electricity	Total Value of Fuel used
		No.	Tons	Gal.	Gal.	Gal.	Gal.	Cord	Gal.	Gas	Other fuel	Cost of Electricity	Total Value of Fuel used
Maritime Provinces	11	949	6,621	-	-	-	-	57	594	368	-	5,638	13,271
Quebec	17	15,830	88,353	-	-	3,968	238	243	3,034	3,774	7,888	49,627	152,914
Ontario	24	50,821	261,101	1,650	354	98,312	8,914	527	4,545	5,567	661	192,997	474,139
Manitoba	6	22,007	101,727	-	-	-	-	500	2,800	418	-	57,604	162,549
Saskatchewan	3)	43,909	106,896	484	147	-	-	95	710	37,657	462	49,084	194,956
Alberta	6)												
British Columbia	9	3,934	23,892	-	-	19,276	964	2,531	8,595	1,004	137	25,906	60,498
TOTAL	76	137,450	588,590	2,134	501	121,556	10,116	3,953	20,278	48,788	9,148	380,906	1,058,327

## 13. Power Equipment, 1930.

Provinces	Steam engines and turbines				Gas, gasoline and oil engines				Total primary power		Electric motors operated by purchased power		Total power equipment		Electric motors operated by power generated by primary power		Total electric motors		Boilers	
	No.	h.p.	No.	h.p.	No.	h.p.	No.	h.p.	No.	h.p.	No.	h.p.	No.	h.p.	No.	h.p.	No.	h.p.	No.	h.p.
Maritime Provinces	2	22	-	-	2	22	19	162	21	184	-	-	19	162	6	135				
Quebec	13	890	1	25	14	915	218	3,571	232	4,486	-	-	218	3,571	27	2,363				
Ontario	20	1,462	3	12	23	1,474	831	15,589	854	17,063	-	-	831	15,589	39	7,596				
Manitoba	1	75	-	-	1	75	349	4,506	350	4,581	-	-	349	4,506	14	1,780				
Saskatchewan	15	2,804	2	50	17	2,854	433	4,733	450	7,587	12	430	455	5,163	24	4,725				
Alberta	)																			
British Columbia	2	105	-	-	2	105	150	1,808	152	1,913	-	-	150	1,808	7	685				
TOTAL	53	5,358	6	87	59	5,445	2,000	30,369	2,059	35,814	12	430	2,012	30,799	117	17,284				

\* Establishments in the Maritime Provinces are located as follows:

Prince Edward Island 2; Nova Scotia 1; New Brunswick 8.



1. Principal Statistics of the Industries of Sausage and Sausage Casings, and Animal Oils and Fats, Canada, 1930.

Sausage and Sausage Casings (a)

Province	Establishments	Capital Invested	Employees		Cost of Materials Used	Factory Value of Products Sold
			Number	Salaries and Wages		
	No.	\$		\$	\$	\$
Nova Scotia	1)	437,090	117	151,714	498,772	808,749
Quebec	13)					
Ontario	18	638,152	95	125,644	856,724	1,115,943
Manitoba	7)	148,783	45	50,928	345,945	461,348
British Columbia	2)					
TOTAL	41	1,224,025	257	328,286	1,701,441	2,386,040

Animal Oils and Fats (b)

Canada (c)	6	885,412	119	144,129	219,911	430,375
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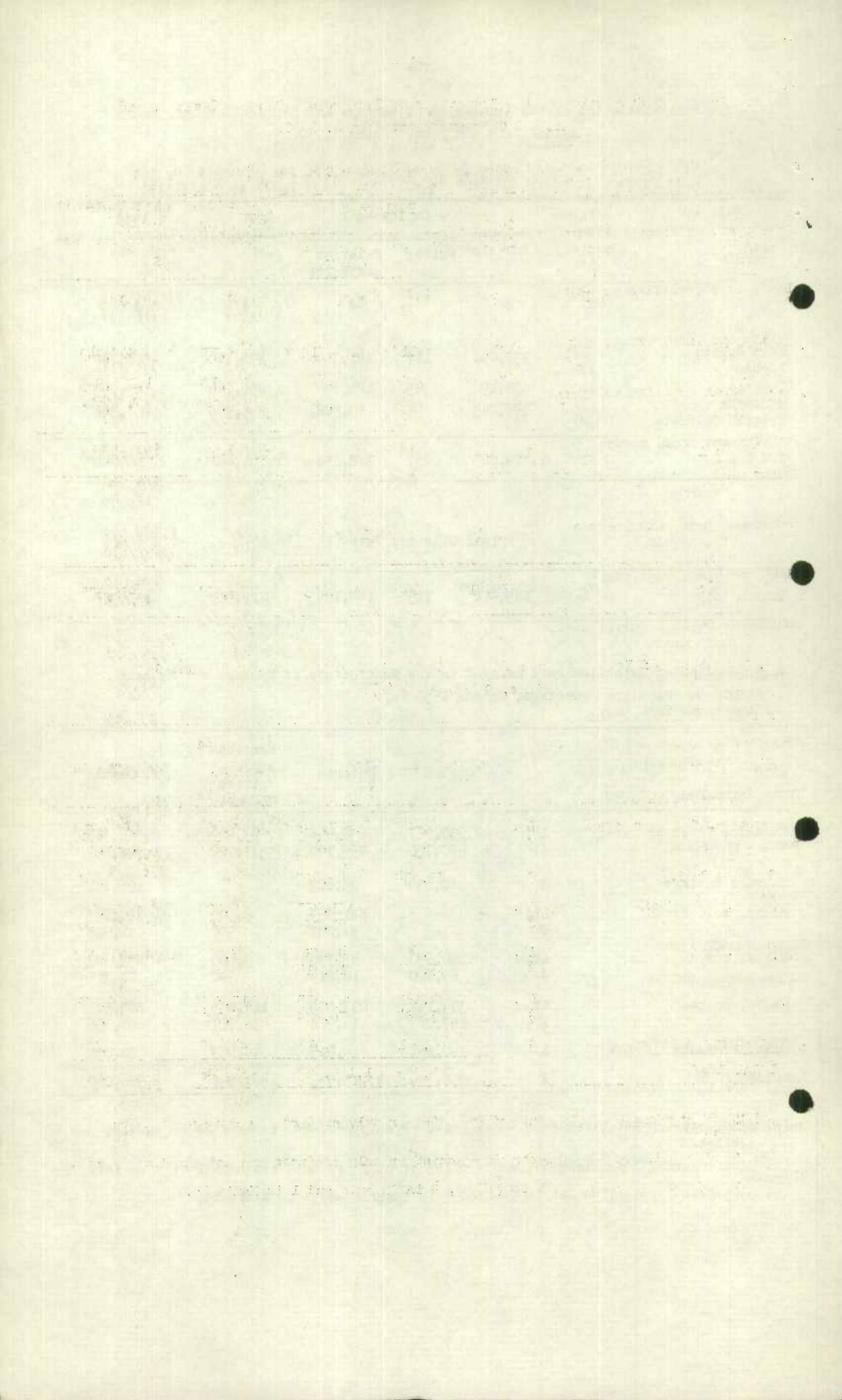
2. Production of Establishments Engaged in the Manufacture of Sausage and Sausage Casings, Canada 1930 (a).

Kind		Quebec	Ontario	Manitoba and British Columbia	Canada
Sausage, fresh or cured	Lb. \$	2,930,967 470,750	4,637,948 899,190	1,943,404 378,722	9,512,319 1,748,662
Sausage Casings	\$	80,634	25,607	-	106,241
Meats, sold fresh	Lb. \$	- -	881,957 91,088	9,000 900	890,957 91,988
Meats, cured	Lb. \$	250,650 69,620	45,732 18,219	3,000 540	299,382 88,379
Meats, cooked	Lb. \$	394,161 147,084	293,575 76,924	117,835 36,727	805,571 260,735
Other Products	\$	40,661	4,915	44,459	90,035
TOTAL VALUE	\$	808,749	1,115,943	461,348	2,386,040

(a) Manufacturing Establishments whose chief or only product is sausage or sausage casings.

(b) Manufacturing Establishments whose chief or only products are animal oils or fats.

(c) Comprises 1 establishment in Quebec, 4 in Ontario and 1 in Manitoba.



IMPORTS AND EXPORTS

(Compiled by the External Trade Branch)

1. Imports into Canada for Consumption of Products of the Slaughtering and Meat Packing Industry, during the calendar years 1928, 1929 and 1930

Articles		1928	1929	1930
<u>MEATS</u>				
Beef, fresh, chilled or frozen	Lb. \$	2,276,850 218,467	4,565,112 443,949	3,140,826 312,577
Mutton and lamb, fresh, chilled or frozen	Lb. \$	2,332,571 355,809	4,401,258 600,573	4,411,771 548,771
Pork, fresh, chilled or frozen	Lb. \$	893,010 139,797	1,007,490 159,386	1,226,493 174,859
Poultry and game, n.o.p.	\$	124,614	136,661	153,356
Other meats, fresh, chilled or frozen	Lb. \$	225,428 44,911	169,886 48,455	189,064 36,555
Bacon and hams, shoulders and sides, cured	Lb. \$	2,768,846 344,019	6,855,217 974,385	8,560,593 1,241,698
Beef, pickled, in barrels	Lb. \$	242,241 28,610	670,300 72,959	490,350 47,043
Canned meats, and canned poultry and game	Lb. \$	5,510,756 755,305	7,021,910 919,565	8,758,250 1,193,749
Dried or smoked meats, and meats preserved in any other way than salted or pickled, n.o.p.	Lb. \$	95,054 33,089	171,557 55,145	146,932 43,833
Extracts of meats and fluid beef, not medicated	\$	161,879	154,687	120,202
Pork, barrelled in brine	Lb. \$	9,394,498 1,091,138	11,770,011 1,326,075	8,244,659 883,058
Pork, dry salted	Lb. \$	918,788 128,675	1,873,552 253,337	1,599,920 236,126
Sausage	Lb. \$	486,253 174,298	588,606 217,511	505,677 184,460
Soups of all kinds	\$	1,782,108	2,037,957	1,554,100
Other meats, salted, n.o.p.	Lb. \$	24,864 8,569	69,784 23,015	32,483 8,946
<u>OILS, FATS AND GREASES</u>				
Lard oil	Gal. \$	7,629 7,660	19,863 18,721	12,240 10,495
Neat's-foot oil	Gal. \$	9,855 13,694	6,672 10,399	4,433 6,097
Oleo oil	Lb. \$	13,580 1,011	- -	- -
Other animal oil, n.o.p.	Gal. \$	69,855 52,003	115,968 81,220	67,622 55,726

GENERAL INFO

RECEIVED FROM JEWISH AGENT

SI OUT TO ATTACHE TO ROB. AND TELL THEM TO WORK ON IT. SI  
TOLD THEM TO GET IN CONTACT WITH THE POLICE AND THE JEWISH COMM.

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333,041,E  
77,812

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NOTICE

TO ALL POLICE DEPARTMENTS

333,033,E  
77,814

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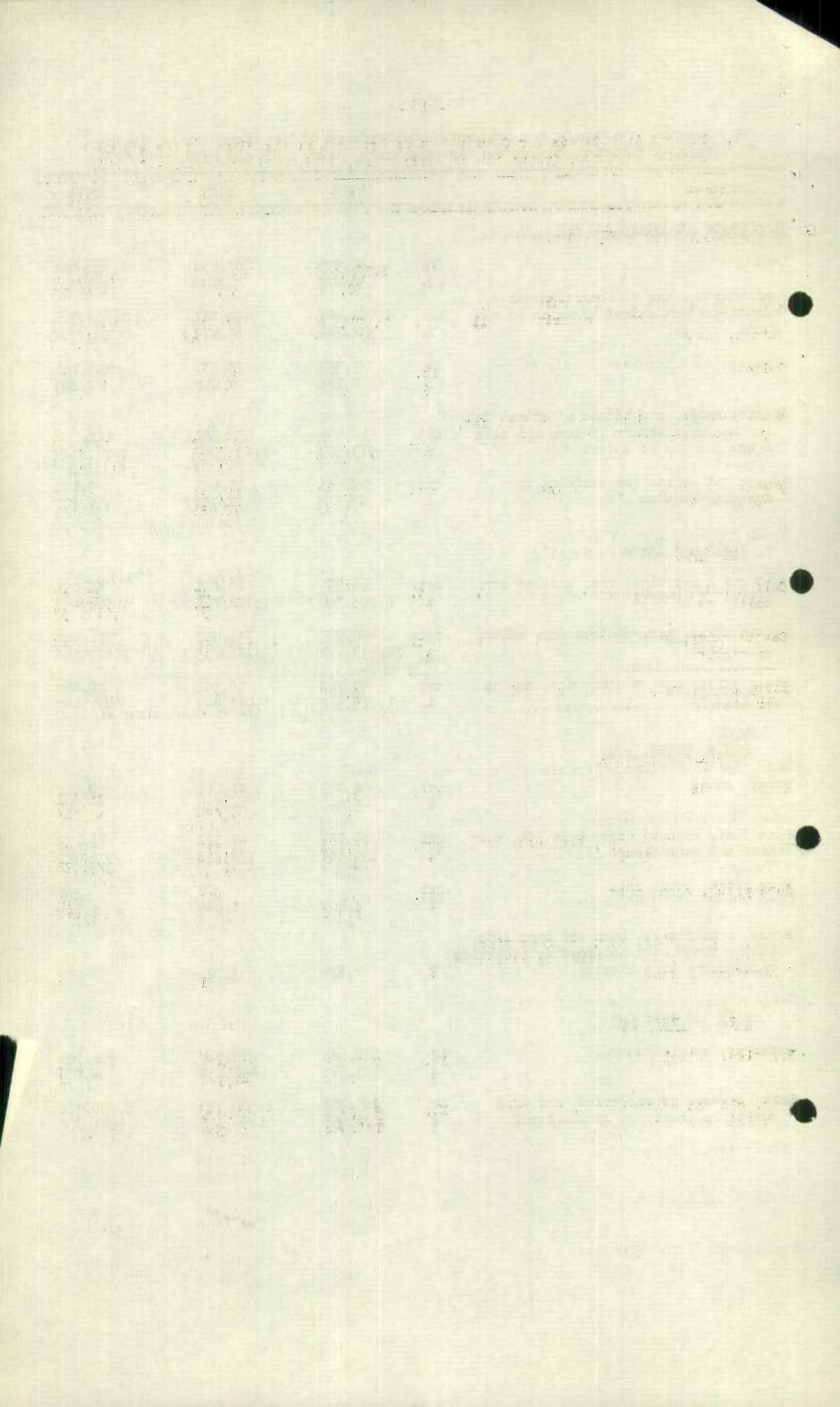
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NOTICE

TO ALL POLICE DEPARTMENTS

1. Imports into Canada for Consumption of Products of the Slaughtering and Meat Packing Industry, during the calendar years, 1928, 1929 and 1930. - Cont'd.

Articles		1928	1929	1930
<u>OILS, FATS AND GREASES - Con.</u>				
Lard	lb. \$	1,182,995 130,675	297,258 34,848	1,655,846 169,813
Lard compound and similar substances, cottonlene and animal stearine of all kinds, n.o.p.	lb. \$	1,481,447 138,786	678,887 65,179	1,333,910 123,552
Tallow	lb. \$	27,394 2,196	28,830 2,012	113,135 7,204
Grease, rough, and refuse of animal fat, for the manufacture of soap and oils only	cwt. \$	114,045 973,509	152,282 1,273,062	188,572 1,177,644
Grease and degras for stuffing or dressing leather	cwt. \$	13,683 87,778	11,629 72,981	9,100 54,201
<u>HIDE AND SKINS</u>				
Calf skins and kips, raw, whether dry, salted or pickled	cwt. \$	66,955 2,203,760	66,848 1,771,737	49,097 1,312,453
Cattle skins, raw, whether dry, salted or pickled	cwt. \$	450,060 10,593,441	336,452 5,386,255	316,666 3,880,548
Sheep skins, raw, whether dry, salted or pickled	cwt. \$	40,767 1,119,512	36,593 1,061,443	24,462 422,447
<u>BONES, HORNS, ETC.</u>				
Bones, crude	cwt. \$	2,259 5,240	21,667 44,034	28,081 37,045
Bone dust, charred bone, bone ash, bone meal and bone flour	cwt. \$	63,936 199,669	48,327 152,918	41,132 123,122
Bone pitch, crude only	cwt. \$	- 3,400	308 1,446	268 1,336
Hoofs, horn strips, horn and horn tips, in the rough, not polished or otherwise manufacture than cleaned	\$	7,675	3,231	232
<u>HAIR AND BRISTLES</u>				
Bristles, animal	lb. \$	278,663 373,556	272,564 441,134	301,124 364,066
Hair, cleaned or uncleaned, not dyed curled or otherwise manufactured	lb. \$	985,958 128,656	2,509,420 266,148	2,790,378 247,222



1. Imports into Canada for consumption of Products of the Slaughtering and Meat Packing Industry, during the calendar years 1928, 1929 and 1930 - Concluded.

Articles		1928	1929	1930
<u>MISCELLANEOUS ANIMAL PRODUCTS. N.O.P.</u>				
Tankage	cwt. \$	32,334 59,780	30,128 57,307	51,867 53,465
Gelatine and isinglass	lb. \$	1,718,035 595,521	1,684,697 643,108	1,827,765 635,573
Glue, animal, powdered or sheets	lb. \$	3,797,761 440,914	4,321,725 482,819	3,339,846 348,656
Glue, liquid	\$	77,763	62,111	65,975
Sausage casings or skins, not cleaned	\$	298,763	227,220	103,849
Sausage casings or skins, cleaned	\$	1,999,755	1,192,322	1,861,571
<b>TOTAL VALUE OF IMPORTS of the Slaughtering and Meat Packing Industry.</b>	<b>\$</b>	<b>24,846,225</b>	<b>20,784,315</b>	<b>17,801,625</b>

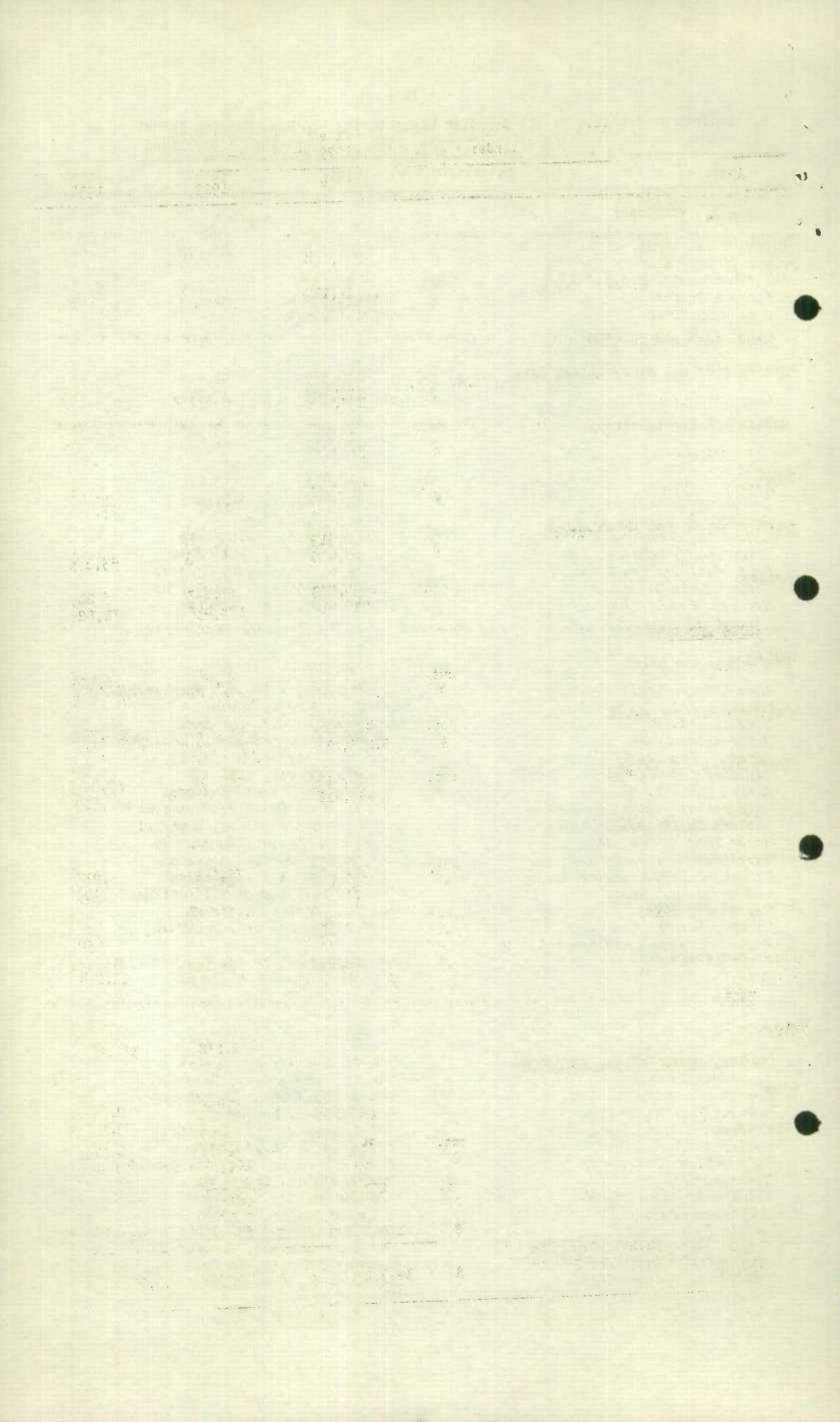
2. Exports of Products of the Canadian Slaughtering and Meat Packing Industry, during the calendar years 1928, 1929 and 1930.

Articles		1928	1929	1930
<u>MEATS</u>				
Beef, fresh, chilled or frozen	cwt. \$	459,645 7,234,547	300,825 4,852,181	78,324 1,226,661
Game, dressed or undressed	\$	49,293	48,026	50,321
Mutton and lamb, fresh, chilled or frozen	cwt. \$	11,278 250,025	5,733 133,302	2,415 48,537
Pork, fresh, chilled or frozen	cwt. \$	79,363 1,565,708	39,454 788,760	13,138 317,876
Poultry, dressed or undressed	lb. \$	- 200,440	425,842 150,318	297,234 94,173
Bacon and hams, shoulders and sides	cwt. \$	413,393 8,722,817	287,727 6,868,646	147,956 3,635,044
Beef, pickled, in barrels	cwt. \$	11,722 137,745	11,483 178,567	2,542 35,947
Canned meats, n.o.p.	lb. \$	243,003 100,915	190,295 54,665	175,502 58,152
Fluid extract of beef	lb. \$	13,269 32,042	18,963 51,985	32,307 65,079
Pork, dry salted	cwt. \$	16,450 303,839	44,018 873,738	16,724 539,145
Pork, pickled, in barrels	cwt. \$	14,335 191,021	18,375 194,039	26,936 317,635

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2. Exports of Products of the Canadian Slaughtering and Meat Packing Industry, during the calendar years, 1928, 1929 and 1930 - Concluded

Articles		1928	1929	1930
<u>MEATS - Concluded</u>				
Soups of all kinds	\$	229,744	646,072	758,989
All other meats, n.o.p.	cwt. \$	95,132 1,226,582	71,108 934,044	39,614 641,468
<u>OILS, FATS AND GREASES</u>				
Neat's-foot and other animal oils, n.o.p. gal.	\$	165,375 177,863	41,419 37,847	152,774 133,316
Grease and grease scraps	cwt. \$	24,025 130,439	23,587 99,999	18,384 27,909
Lard	cwt. \$	10,033 147,207	15,041 187,825	1,753 25,888
Lard compound and substitutes	cwt. \$	3,919 52,480	2,714 34,286	4,779 53,275
Tallow	cwt. \$	34,723 285,910	15,693 126,430	5,219 31,825
<u>HIDES AND SKINS</u>				
Calf hides and skins	cwt. \$	94,510 2,511,328	67,097 1,375,465	60,385 977,023
Cattle hides and skins	cwt. \$	428,653 8,289,231	427,548 5,910,007	314,372 3,444,850
Sheep hides and skins	cwt. \$	20,419 447,718	16,682 346,865	10,465 122,714
<u>BONES, HORNS, ETC.</u>				
Bones, crude	cwt. \$	39,433 90,745	35,165 88,585	9,287 26,909
Bone dust and meal	cwt. \$	20 82	40 149	467 652
Horns and hoofs	\$	12,995	18,108	12,284
<u>HAIR</u>				
Hair	\$	516,407	472,138	354,100
<u>MISCELLANEOUS ANIMAL PRODUCTS</u>				
Glue	cwt. \$	1,735 17,133	1,398 14,756	2,310 32,190
Glue Stock	cwt. \$	29,903, 42,439	16,434 20,557	24,871 36,994
Tankage	cwt. \$	271,604 617,066	275,301 614,921	223,119 410,109
Sausage casings	\$	1,368,379	1,100,880	736,985
TOTAL VALUE OF EXPORTS of Products of the Slaughtering and Meat Packing Industry.	\$	34,952,150	26,223,161	13,996,026



List of Operators of Slaughtering and Meat Packing Establishments, Canada.

Name	Address
Prince Edward Island -	
Davis & Fraser Roop's, Limited	Charlottetown Charlottetown
Nova Scotia -	
Davis & Fraser	861 Barrington St., Halifax
New Brunswick -	
Berry, A. G. Co-operative Canners Fenwick, G. Burton McConnell, Robert Slipp and Flewelling, Ltd. Swift Canadian Co. Ltd. Taylor, Gain B. Wry Pork Packing Co.	Sussex 682 Main St., Saint John Maple Ave., Sussex 6 Moore Street, Saint John 240 Main Street, Saint John Albert St. Extension, Moncton 220 Bridge Street, Saint John Porter Street, St. Stephen
Quebec -	
Ames & Sons, Ltd., Alex Balley & Son, L., Reg'd. Bovril, Ltd. Boyer & Cousineau Canada Packers Ltd. Canadian Packing Co. Clark, Limited, W. Cooperative Federee de Quebec Eastern Abattoirs, Limited Hovey Packing Co. Ltd. Labrecque, Jean Baptiste La Compagnie S.L. Contant, Ltee. McGarry & Co., Geo. Masterman, Ltd. Picard, Joseph Societe Francaise de Specialites Alimentaires Wilsil, Ltd.	176 Wellington St. S., Sherbrooke 304 John Street, Quebec 6201 Park Avenue, Montreal 6381 St. Lawrence Blvd., Montreal 1260 Mill Street, Montreal Montcalm Street, Hull 955 Amherst Street, Montreal 130 St. Paul St. East, Montreal 4365 Frontenac Street, Montreal Landsdowne Street, Sherbrooke 1850 Church Street, Montreal 5149 Marquette St., Montreal 708 St. Paul Street W., Montreal 320 Duke Street, Montreal 6680 Des Ecores St., Montreal  420 Lagachetiere St. W., Montreal 1239 Mill Street, Montreal
Ontario -	
Barber, Chas. W. Canadian Abattoir Canadian Packing Co. Ltd. Coleman Packing Co. Ltd. Cridland & Sons, Ltd., James Davies Co. Ltd., Wm. Duff & Sons, Ltd., John Dumarts, Ltd. Fearman Co. Ltd., F. W. Fuller, George Gunns, Ltd. Harris Abattoir Co. Ltd., The Hunnisett, Frank Ideal Pork Products, Ltd. Kincardine Packing Co. Ltd., The Leclair Ltd., O.	100 Wyndham Street, Guelph 138 St. Helens Ave., Toronto 148 George Street, Peterborough First Street, London 306 Coxwell Avenue, Toronto 521 Front St. E., Toronto Brant & Hillyard Streets, Hamilton Guelph Street, Kitchener 226 Rebecca St., Hamilton 3 Carlaw Avenue, Toronto Cor. Maybank and St. Clair Ave., Toronto St. Clair Ave. W., Toronto Tecumseth Street, Toronto 2nd Ave. E., Owen Sound Kincardine 358 Clarence St., Ottawa

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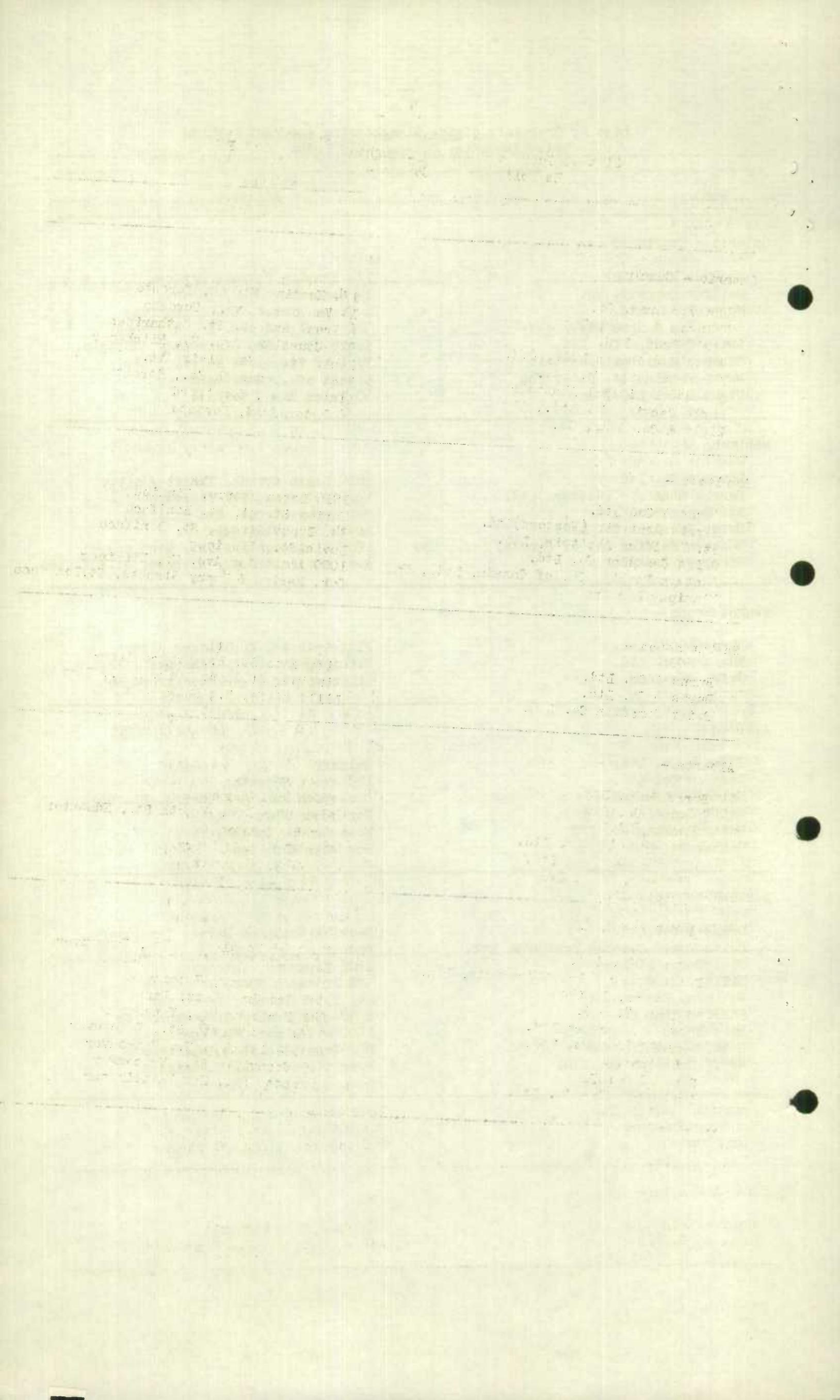
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List of Operators of the Slaughtering and Meat Packing Establishments, Canada - Concluded.

Name	Address
Ontario - Concluded	
Maciver Bros. Co.	174 Keating Street, Toronto
Meldrum Company, The	14 Vancouver Ave., Toronto
Moyer Bros. Ltd.	6 Frank Street, St. Catharines
Schneider & Sons Ltd., J.M.	321 Courtland Ave. E., Kitchener
Swift Canadian Co. Ltd.	Keele St. & St. Clair Ave., Toronto
Toronto Municipal Abattoir	Foot of Tecumseth St., Toronto
Whyte Packing Co. Ltd., The	Linton Ave., Stratford
Wight & Co. Ltd., Wm.	60 Paton Road, Toronto
Manitoba -	
Burns & Co. Ltd.	1010 Logan Avenue, Winnipeg
Harris Abattoir (Western) Ltd.	Marion Street, St. Boniface
St. Boniface Abattoir, Ltd.	346 Dupuy Street, St. Boniface
Swift Canadian Co. Ltd.	Levis St., Winnipeg
Western Packing Co. of Canada, Ltd., The	1000 Alexander Ave. W., Winnipeg
Winnipeg Packers	Cor. Marion & Dupuy Streets, St. Boniface
Saskatchewan -	
Burns & Co. Ltd.	Fifteenth St. E., Prince Albert
Burns & Co. Ltd.	Winnipeg St. Cor. 10th. Ave., Regina
Swift Canadian Co. Ltd.	Lillooet St. W., Moose Jaw
Alberta -	
Burns & Co. Ltd.	Calgary
Burns & Co. Ltd.	120 Ave., Edmonton
Gainers, Limited	Cor. 80th Ave. & 96th St., Edmonton
Swift Canadian Co. Ltd.	North Edmonton
Union Packing Co. Ltd.	Nose Creek, Calgary
Wonnacott, Ltd., Ira	Box 463, Edmonton
British Columbia -	
Burns & Co. Ltd.	Foot of Woodland Drive, Vancouver
Delta Manor Chicken Products, Ltd.	Ladner
Fletchers, Limited	1608 Kingsway, Vancouver
Millar, T. & J.	328 Broadway West, Vancouver
National Packers Ltd.	241 Northern St., Vancouver
Pacific Meat Co. Ltd.	8950 Shaughnessy St., Vancouver
Reid Bros.	1901 - 1st Ave. W., Vancouver
Reid, James I.	559 Granville St., Vancouver
Swift Canadian Co. Ltd.	Brunette St., New Westminster



List of Sausage and Sausage Casings Establishments.

Name	Address
Nova Scotia -	
Sydney Sausage Co.	Sydney
Quebec -	
Buck Bros.	0452 Atwater Ave., Montreal
The Canada Casing Co. Ltd.	284 Duke Street, Montreal
Coorsh, Sam	228 Ontario St. E., Montreal
Cote, Limitee, J.S.	4457 Adam St., Montreal
Couillard, H.P.	430 St. Joseph St., Quebec
Dring & Company, Ltd.	2053 Bleury St., Montreal
Dupre, Alphonse	6368 Chateaubriand Ave., Montreal
European Sausage Co.	
Michael Mayka, Prop.	1742 Richardson St. (Rear) Montreal
Meyer, Harry	3827 St. Lawrence Blvd., Montreal
Rochon, Georges	4575 Breboeuf, Montreal
Sylvain Freres	161 rue Durocher, Quebec
Taillefer & Fils	2174 Papineau Ave., Montreal
Trottier & Mainville	4304 Parthenais St., Montreal
Ontario -	
Arsenault, M.	24 Martineau St., Ottawa
Bell, Samuel	355 Greenwood Ave., Toronto
Dolgin, Alex.	671 Richmond St. W. (Rear) Toronto
Dracup, John	503 Parliament St., Toronto
Griffith, F. W.	39 Main St. N., (Rear) Weston
Holliday, Geo.	56 Dewhurst Blvd., (Rear) Toronto
McGregor Ltd., R.	231 Bank St., Ottawa
Morrison, Albert W.	1215 King St. E., Kitchener
Naylor, Joseph	194 Kenilworth Ave., Hamilton
Oppenheimer Casing Co. of Canada Ltd.	201 Terminal Bldg., Toronto
Sheepway, M. M.	8 Macaulay Ave., Toronto
Slinn Sausage Co.	480 Gladstone Ave., Ottawa
Soloway, Jacob	664 Richmond St. W., Toronto
Sykes, Herbert J.	364 Wellington St., Ottawa
Thorpe, Harold	113 Boulbee Ave., Toronto
Toronto Sausage Co.	104 Trowell Ave., Toronto 9
Union Kosher Sausage Co.	56 Lippincott St., Toronto
Windsor Sausage Co. Ltd.	901 Mercer St., Windsor
Manitoba -	
Canada Sausage Co.	897 Main Street, Winnipeg
City Home Made Sausage Co.	613 Main Street, Winnipeg
Chicago Kosher Sausage Mfg. Co. -	358 Flora Ave., Winnipeg
Elmwood Sausage Co.	
J. R. Wach )Props.-	474 Stella Ave., Winnipeg
Jos. Spechnicki)	
Manitoba Sausage Co. -	695 Dufferin Ave., Winnipeg
Northern Packers	99½ McDonald Ave., Winnipeg
Wach, Andrew ✓	697 Anderson Ave., Winnipeg
British Columbia -	
Kirkham & Co. Ltd., H.O.	614 Fort St., Victoria
Mullett, E. H.	831 - 20th Ave. W., Vancouver

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Second, we have to determine the value of the  
present value of the cash flows. This is done by  
using the formula for the present value of a  
series of cash flows, which is given by the  
following equation:

Animals Oils & Fats Establishments.

Name	Address
Quebec -	
Maheux, Alphonse	476 St. Valier St., Quebec
Ontario -	
Fairbanks, R. G.	3 Carlaw Ave., Toronto
Harris & Co., Ltd., Wm.	200 Keating St., Toronto
Lawrason & Co. Ltd., S. F.	Nelson & Adelaide Sts., London
Valiquette Bros.	Cummings Bridge, Ontario
Manitoba -	
Winnipeg Rendering Co. Ltd.	347 Dupuy St., St. Boniface

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