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SLAUGHTERING & MEAT PACKING  
and  
ALLIED INDUSTRIES  
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1922

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1924

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Dominion Statistician, R. H. Coats, B.A., F.S.S.

Statistics of the Slaughtering and Meat Packing  
Industry, Canada, 1922.

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INTRODUCTION

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Slaughtering and meat packing is one of the principal manufacturing industries of Canada. - in 1920 it led the industries in value of production, and in 1919 it was second on the list. The cured meats and other manufactured products constitute the larger part of the value of output, these products representing 65 per cent of the total value in 1919; 61 per cent in 1920; 60 per cent in 1921 and 52 per cent in 1922. The present report covers the year 1922 and detailed statistics of capital, employees, production, etc., are given by provinces in the general tables. The report also contains brief summaries of the operations of establishments engaged in the manufacture of sausage and sausage casings and animal oils and fats. (Tables 11 and 12) and a statement of the imports and exports of products of the meat industry (Tables 13 and 14).

Establishments. - In 1922 there were 83 slaughtering and meat packing establishments in operation, compared with 84 in 1921 and 86 in 1920. The distribution of establishments by provinces in 1922 is shown in the following table:

Prince Edward Island	5	Manitoba	7
Nova Scotia	2	Saskatchewan	2
New Brunswick	7	Alberta	6
Quebec	22	British Columbia	5
Ontario	27	TOTAL	83

Production. - The total value of production in 1922 was \$143,414,693, compared with \$153,136,289 in 1921 and \$240,544,618 in 1920. Of the meats sold fresh, beef, pork and veal show increased quantities, while the quantity of mutton was less than in the previous year. Average prices for all fresh meats were lower than in 1921. Increases in quantity are shown for beef, salted or cured, hams, bacon and sausage, and decreases for pork, salted, and shoulders. The total production of lard, lard compound and other shortening shows an increase over the previous year of 10,664,063 pounds. For 1922 statistics of production of these three items are given separately, while for 1921 and 1920 the statistics are combined. The following table shows the production of slaughtering and meat packing establishments by quantity and value in 1922 and the two preceding years.

Production of Slaughtering and Meat Packing Establishments,  
Canada, 1920, 1921 and 1922.

Kind		1920	1921	1922
Meats sold fresh-				
Beef	lb.	297,297,955	264,356,063	292,945,201
	\$	55,239,717	35,636,366	28,240,355
Mutton	lb.	46,941,632	34,043,637	32,513,026
	\$	10,297,988	6,593,557	5,973,139
Pork	lb.	75,386,123	77,640,607	89,948,380
	\$	21,669,071	16,601,197	16,691,166
Veal	lb.	22,571,511	19,535,961	27,490,961
	\$	4,592,955	2,950,410	3,375,827
Other	lb.	10,563,374	5,069,370	8,000,208
	\$	2,095,773	790,823	925,245
Meats cured-				
Beef salted or cured	lb.	8,977,202	563,564	2,956,599
	\$	1,679,524	73,310	274,985
Pork, salted	lb.	45,170,076	40,843,257	34,573,593
	\$	13,376,170	9,147,740	7,334,710
Hams	lb.	44,392,002	19,707,134	24,751,907
	\$	15,801,386	6,316,990	6,452,580
Shoulders	lb.	32,799,091	55,735,493	19,385,422
	\$	10,131,900	13,685,897	3,714,678
Bacon and sides	lb.	96,128,042	55,433,732	66,366,742
	\$	36,772,497	17,381,025	17,424,984
Other cured meats	lb.	10,015,800	10,650,154	43,875,012
	\$	3,244,753	2,756,795	9,366,306
Sausage, fresh and cured,	lb.	28,647,527	23,045,173	24,856,021
	\$	6,353,743	4,274,777	3,815,190
Sausage casings	lb.	X	X	746,552
Canned meats	lb.	6,306,305	7,457,023	5,386,571
	\$	1,591,447	1,451,256	1,028,905
Cooked meats	lb.	11,800,363	14,237,793	13,657,643
	\$	5,189,535	6,006,393	5,065,946
Lard	lb.	54,451,386	72,151,773	49,338,784
	\$	14,950,621	11,751,206	7,670,130
Lard compound	lb.	X	X	15,733,230
	\$			2,149,929
Shortening, other	lb.	X	X	17,743,822
	\$			2,515,317
Tallow	lb.	14,051,233	13,996,919	13,436,257
	\$	2,031,904	868,243	1,004,172

X Included with all other products.

XX Lard compound and other shortening included with lard.

Production of Slaughtering and Meat Packing Establishments, Canada, 1920, 1921 and 1922.-concluded

Kind		1920	1921	1922
Oleo	lb.	2,631,050	5,536,080	2,407,950
	\$	1,720,777	1,075,293	238,909
Other oils	lb.	X	X	7,011,971
	\$			774,399
Oleomargarine	lb.	10,565,055	3,034,625	2,326,986
	\$	3,673,072	755,053	435,784
Stearine	lb.	9,371,518	645,891	91,765
	\$	2,347,516	75,669	10,557
Animal tankage	tons	12,171	14,063	13,630
	\$	607,558	366,838	480,807
Bones, raw, ground, etc.	tons	5,699	5,784	8,843
	\$	480,864	104,377	314,131
Complete fertilizers	tons	7,370	6,323	2,595
	\$	573,565	239,763	145,107
Club	lb.	29,379	-	2,549
	\$	8,042	-	445
Gluc stock	lb.	-	379,273	-
	\$	-	7,645	-
Hides	no.	10,561,570	2,827,309	4,190,944
Skins, sheep	no.	607,937	647,435	496,316
	\$	1,270,436	405,253	517,914
Skins, calf	no.	121,685	155,114	354,186
	\$	445,445	230,233	391,123
Wool	lb.	450	161,525	27,550
	\$	67	59,203	460
Hair	lb.	2,357,802	1,689,391	1,010,200
	\$	174,440	94,735	42,438
All other products	\$	13,748,428	10,445,539	11,923,540
Amount received for custom or contract work	\$	14,393	63,185	178,949
TOTAL VALUE OF PRODUCTION	\$	240,544,618	162,136,282	143,414,693

X Other oils included with oleo.

Capital. - The capital investment of the industry at the end of the year 1922 represented a total value of \$56,710,481, comprising \$26,331,393 the value of land, buildings and machinery; \$17,093,661 the value of materials and products on hand; and \$13,285,427 in cash and operating accounts. For 1921 and 1920 the total values were respectively \$ 58,459,555 and \$84,288,306.-Table 3.

Employees and Wages. - The number of persons employed in the industry in 1922 was 9,800, comprising 2,595 salaried employees; 7,186 wage earners and 19 piece-workers. The number given for the wage-earners is the average for the year. The total amount paid in salaries and wages during the year was \$12,366,896. The statistics of wage-earners by months show 7,129 persons employed in January and decreased numbers for the three following months. From May to November there was a steady increase in employment, the maximum for the year being reached in the latter month, when 8,235 persons were employed.- Tables 4 and 5.

Power Equipment. - The power equipment included 1,503 electric motors with a total rated capacity of 24,043 h.p.; 94 steam engines with 8,739 h.p.; 9 gasoline and oil engines with 193 h.p.; and 124 boilers with 16,379 h.p. Compared with the preceding year, the number of electric motors increased by 265; steam engines by 26; and gasoline and oil engines by five. There was a decrease of two in the number of boilers.-Table 6.

Fuel Used. - The total value of fuel used in 1922 was \$1,036,436, compared with \$ 1,073,119 in 1921. The principal item in 1922 was coal with a total value of \$920,595.- Table 7.

Animals Slaughtered and Materials Used. - The cost value of the animals slaughtered was \$85,037,553; of dressed meat purchased fresh or partially cured, \$12,863,750 and of other materials such as cottonseed oil, salt, sugar, etc., \$17,250,222, a total value of \$ 115,154,525, compared with a total of \$113,389,835 in 1921. The number of beefs slaughtered in 1922 shows an increase over the previous year of 44,029; hogs an increase of 391,619; and calves an increase of 111,593. The number of sheep slaughtered shows a decrease of 31,313.- Table 10.

I. Principal Statistics of the Slaughtering and Meat Packing Industry, Canada, 1922.

Province	Estab- lish- ments	Capital Invested	Employees		Cost of fuel used	Miscell- aneous expenses	Cost of animals slaughtered and materials used	Value of Production	Value added by Manufacture
			No.	Salaries and wages					
	no.	\$	\$	\$	\$	\$	\$	\$	\$
Maritime Provinces	14	565,544	119	114,465	4,678	73,287	1,055,147	1,321,825	266,678
Quebec	22	8,112,150	1,849	2,037,521	173,502	1,608,232	15,720,610	19,793,394	4,072,694
Ontario	27	34,584,160	5,232	6,806,821	561,404	7,192,859	73,838,164	89,339,609	15,501,445
Manitoba	7	4,540,162	1,075	1,253,823	107,959	1,183,111	8,433,572	12,874,950	4,441,378
Saskatchewan	2)								
Alberta	6)	6,302,950	1,190	1,632,153	146,856	1,333,794	10,022,084	12,808,284	2,786,200
British Columbia	5	2,605,515	335	522,108	42,037	356,874	6,084,948	7,276,721	1,191,773
TOTAL	83	56,710,481	9,800	12,356,896	1,036,436	11,748,157	115,154,525	143,414,693	28,260,168

Includes 15 male but  
not 4 female piece-  
workers

Includes payment  
to 19 piece workers

2. Production of Slaughtering and Meat Packing Establishments, Canada, 1922.

Kind		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	Canada	
<b>Meats sold fresh-</b>									
Beef	lb.	932,862	36,448,985	167,774,856	37,960,443	25,967,346	23,860,709	292,945,201	55,5
	\$	109,097	2,802,899	18,192,791	2,618,611	2,023,378	2,493,579	28,240,355	
Mutton	lb.	353,650	8,346,094	15,865,920	2,262,053	2,598,240	3,086,071	32,512,028	
	\$	63,183	1,421,603	2,985,067	408,839	428,686	665,761	5,973,139	
Pork	lb.	679,736	22,225,374	42,599,620	9,604,121	8,862,097	5,977,432	89,948,380	
	\$	116,995	3,947,318	8,450,609	1,686,966	1,471,610	1,017,668	16,691,166	
Veal	lb.	31,300	10,152,425	11,089,235	1,934,294	3,211,854	1,071,853	27,490,961	
	\$	5,420	1,203,519	1,534,723	208,708	303,725	119,732	3,375,827	
Other	lb.	-	3,957,086	3,033,901	1,009,221	-	-	8,000,208	
	\$	-	434,768	402,269	88,208	-	-	925,245	
<b>Meats cured-</b>									
Beef, salted or cured	lb.	-	101,629	2,652,365	109,264	17,841	75,000	2,956,599	
	\$	-	12,579	236,258	6,333	2,415	17,400	274,985	
Pork, salted	lb.	1,020,779	2,905,760	24,578,517	1,104,724	4,911,906	51,907	34,573,593	
	\$	148,132	501,805	5,420,192	175,188	1,080,050	9,343	7,334,710	
Hams	lb.	1,116,323	3,014,863	14,533,725	2,939,020	2,443,201	704,775	24,751,907	
	\$	266,684	813,903	3,568,465	750,780	792,329	260,419	6,452,580	
Shoulders	lb.	630,360	1,602,910	15,661,577	626,447	762,140	51,488	19,385,422	
	\$	122,749	329,512	3,001,973	90,963	160,213	9,268	3,714,678	
Bacon and sides	lb.	948,617	10,746,593	45,195,015	4,433,278	3,905,535	1,137,704	66,366,742	
	\$	237,394	2,290,068	11,816,196	1,229,273	1,456,418	395,635	17,424,984	
Other cured meats	lb.	10,400	727,306	36,619,827	2,460,664	1,240,449	2,816,366	43,875,012	
	\$	1,300	142,424	7,507,967	604,989	379,988	729,638	9,366,306	

2. Production of Slaughtering and Meat Packing Establishments, Canada, 1922-con.

Kind		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	Canada
	lb.	723,433	3,317,735	12,715,945	2,741,676	3,944,110	1,013,122	24,356,021
	\$	103,310	505,515	2,094,218	357,465	572,948	181,714	3,813,190
Sausage, fresh cured	lb.	723,433	3,317,735	12,715,945	2,741,676	3,944,110	1,013,122	24,356,021
	\$	103,310	505,515	2,094,218	357,465	572,948	181,714	3,813,190
Sausage casings	\$	16,730	75,737	487,926	63,894	40,433	61,732	746,552
Canned meats	lb.	56,520	2,935,276	2,332,779	61,996	-	-	5,386,571
	\$	16,533	636,321	367,345	8,706	-	-	1,028,905
Cooked meats	lb.	15,321	1,809,667	8,671,234	1,447,567	1,416,855	296,999	13,657,643
	\$	4,789	599,123	3,120,911	569,188	647,417	124,518	5,065,946
Lard	lb.	210,679	4,133,127	30,154,356	5,553,185	6,711,496	2,567,941	49,338,734
	\$	25,482	710,877	4,485,766	875,107	1,150,629	422,039	7,370,130
Lard compound	lb.	-	623,613	10,671,265	1,074,866	2,255,046	1,108,140	15,733,230
	\$	-	92,482	1,445,858	109,758	350,181	147,650	2,145,929
Shortening, other	lb.	-	1,213,971	15,838,824	682,236	8,791	-	17,743,822
	\$	-	218,646	2,196,114	102,029	1,528	-	2,518,317
Tallow	lb.	7,300	3,216,831	5,099,242	2,509,185	1,646,406	957,293	13,436,257
	\$	172	215,160	452,446	173,947	97,575	64,872	1,064,172
Oleo	lb.	-	226,993	2,036,323	-	16,087	128,547	2,407,950
	\$	-	20,623	210,592	-	1,287	6,407	238,999
Other oils	lb.	-	400	5,513,861	1,492,910	4,800	-	7,011,971
	\$	-	37	519,361	157,022	679	-	774,399
Oleomargarine	lb.	-	19,781	1,760,342	239,872	306,991	-	2,326,986
	\$	-	4,405	327,048	46,927	57,404	-	435,784
Stearino	lb.	-	36,389	55,376	-	-	-	91,765
	\$	-	3,936	6,621	-	-	-	10,557
Animal tankage	tons	77	3,425	7,310	1,644	660	514	13,630
	\$	2,270	100,005	274,076	61,831	24,655	17,970	480,807

2. Production of Slaughtering and Meat Packing Establishments, Canada, 1922-concluded.

Kind	Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	Canada	
Bone, raw, ground, etc.	tons \$	44 105	418 11,463	4,997 209,435	956 35,541	834 33,677	1,594 23,910	8,843 314,131
Complete fertilizers	tons \$	- -	- -	1,225 <del>1,572,654</del>	- -	250 13,427	1,120 74,226	2,595 145,107
Glue	lb. \$	- -	2,549 445	57,454 -	- -	- -	- -	2,549 445
Hides	no. \$	1,980 7,688	66,263 435,272	302,989 2,490,767	84,681 622,611	55,010 314,423	41,821 320,183	552,744 4,190,944
Skins, sheep	no. \$	8,561 9,216	138,644 118,433	157,894 216,324	63,788 54,450	65,671 58,373	61,758 61,063	496,316 517,914
Skins, calf	no. \$	244 342	50,524 55,865	158,669 244,757	15,697 30,115	22,174 48,969	6,872 11,145	254,180 391,193
Wool	lb. \$	- -	- -	17,130 406	- -	420 54	- -	17,550 460
Hair	lb. \$	- -	510,423 22,914	427,007 17,471	72,770 2,053	- -	- -	1,010,200 42,438
All other products	\$	63,832	1,960,372	6,847,148	1,719,749	1,294,528	37,920	11,923,540
Amount received for custom or contract work	\$	402	105,220	50,755	18,688	1,035	2,849	178,949
TOTAL VALUE OF PRODUCTION	\$	1,321,825	19,793,304	89,339,609	12,874,950	12,808,284	7,276,721	143,414,693

3. Capital Invested in the Slaughtering and Meat Packing Industry, Canada, 1922.

Province	Estab-	Land, buildings and fixtures	Machinery and tools	Materials, products, and supplies on hand	Cash and operating accounts	Total Capital
	lish- ments					\$
	no.		\$	\$	\$	\$
Maritime Provinces	14	131,900	25,559	106,032	302,053	565,544
Quebec	22	3,054,657	1,441,889	2,115,888	1,499,716	8,112,150
Ontario	27	9,674,931	6,216,265	10,140,252	8,552,612	34,584,160
Manitoba	7	1,289,707	678,306	1,460,884	1,111,265	4,540,162
Saskatchewan	2)					
Alberta	6}	2,344,903	783,081	2,299,084	875,832	6,302,950
British Columbia	5	460,950	229,145	971,521	943,899	2,605,515
TOTAL	83	16,957,043	9,374,345	17,093,661	13,285,427	56,710,481

4. Persons Employed and Salaries and Wages Paid in Slaughtering and Meat Packing Establishments, Canada, 1922.

Province	Salaried Employees						Wage-earners				Outside Piece		
	Officers, managers, etc.		Clerks, salesmen, etc.		Total salaried employees	Total salaries	male	female	Total wage earners	Total wages	no.	Amount paid	
	male	female	male	female			male	female					
	no.	no.	no.	no.	no.	\$	no.	no.	no.	\$	-	-	
Maritime Provinces	9	-	14	6	29	31,325	81	9	90	83,140	-	-	
Quebec	53	2	347	94	496	865,205	1,241	112	1,353	1,232,316	-	-	
Ontario	139	-	904	270	1,313	2,349,909	3,688	217	3,915	4,452,924	4	3,988	
Manitoba	44	-	219	23	236	472,582	719	56	775	770,618	14	10,623	
Saskatchewan													
Alberta	40	-	322	44	406	773,006	707	76	783	858,292	1	860	
British Columbia	7	-	43	15	55	137,157	270	-	270	383,951	-	-	
TOTAL	292	2	1,849	452	2,595	4,569,184	6,716	470	7,186	7,782,241	19	15,471	

5. Number of Wage-earners Employed in Slaughtering and Meat Packing Establishments, by Months, Canada, 1922.

Provinces	Janu- ary no.	Febru- ary no.	March no.	April no.	May no.	June no.	July no.	Aug- ust no.	Sept- ember no.	Oct- ober no.	Novem- ber no.	Decem- ber no.
Maritime Provinces	27	94	92	89	83	70	69	71	85	102	116	123
Quebec	1,269	1,298	1,278	1,259	1,345	1,354	1,330	1,379	1,423	1,447	1,479	1,383
Ontario	4,037	3,834	3,669	3,624	3,716	3,765	3,783	3,872	3,920	4,033	4,404	4,331
Manitoba	741	675	654	623	675	721	741	835	867	907	959	912
Saskatchewan}												
Alberta	731	699	697	678	702	758	775	768	796	811	975	1,019
British Columbia	254	247	248	253	243	257	264	271	288	300	302	312
TOTAL	7,129	6,844	6,538	6,526	6,769	6,925	6,962	7,196	7,379	7,600	8,235	8,080

6. Power Equipment of Slaughtering and Meat Packing Establishments, Canada, 1922.

Province	Estab- lish- ments no.	Steam Engines		Gasoline and oil engines		Electric motors		Boilers	
		no.	h.p.	no.	h.p.	no.	h.p.	no.	h.p.
Maritime Provinces	14	7	105	2	6	5	25	7	156
Quebec	22	20	1,748	4	66	150	2,745	25	2,313
Ontario	27	44	3,328	1	6	902	14,635	60	8,750
Manitoba	7	5	310	1	75	167	2,725	8	750
Saskatchewan}	2								
Alberta	6	17	3,173	1	40	201	2,809	13	3,720
British Columbia	5	1	75	-	-	78	1,103	6	620
TOTAL	83	94	8,739	9	193	1,503	24,043	124	16,379

7. Fuel Used in Slaughtering and Meat Packing Establishments, Canada, 1922.

Province	Establishments no.	Bituminous coal		Anthracite coal		Lignite coal		Coke	
		tons	\$	tons	\$	tons	\$	tons	\$
Maritime Provinces	14	402	4,012	-	-	-	-	-	-
Quebec	22	14,749	114,641	6,576	39,229	193	2,456	11	140
Ontario	27	70,477	498,820	66	1,039	-	-	37	287
Manitoba	7	20,346	80,278	100	850	2,199	11,030	-	-
Saskatchewan	2)	-	-	-	-	-	-	-	-
Alberta	6)	35,668	86,846	18	117	11,960	43,721	-	-
British Columbia	5	4,233	36,754	-	-	-	-	9	90
TOTAL	83	148,875	821,351	6,760	61,235	14,352	58,009	57	517

Province	Gasoline		Fuel Oil		Wood		Gas		Other fuel	Total value of fuel
	gal.	\$	gal.	\$	cords	\$	\$	\$		
Maritime Provinces	250	100	-	-	78	554	12	-	-	4,678
Quebec	15,672	5,701	15,833	1,784	314	2,615	1,084	5,850	173,502	
Ontario	105,181	34,385	112,710	10,124	783	7,603	8,829	317	561,404	
Manitoba	23,200	8,423	-	-	716	4,134	2,444	-	107,959	
Saskatchewan	-	-	-	-	-	-	-	-	-	-
Alberta	25,826	11,655	-	-	130	1,094	3,423	-	146,856	
British Columbia	-	-	-	-	1,447	4,948	145	100	42,037	
TOTAL	170,129	60,264	128,543	11,908	3,468	20,948	15,937	6,267	1,036,436	

3. Classification of Slaughtering and Meat Packing Establishments, According to Time in Operation, Canada, 1922.

Province	Total	Establishments operating during the year.			no.
	Establishments	Less than 120 days	From 120 to 179 days	From 180 days to 239 days	
Maritime Provinces	14	4	-	2	3
Quebec	22	1	-	2	19
Ontario	27	-	1	-	26
Manitoba	7	-	-	-	7
Saskatchewan	2	-	-	-	-
Alberta	6	-	-	1	7
British Columbia	5	-	-	1	4
TOTAL	83	5	1	6	71

9. Classification of Slaughtering and Meat Packing Establishments, According to Value of Production, Canada, 1922.

Province	Establishments having a production valued at					no.
	Less than \$100,000	\$100,000 but under \$300,000	\$300,000 but under \$1,000,000	\$1,000,000 but under \$2,000,000	\$2,000,000 and over	
Maritime Provinces	8	6	-	-	-	-
Quebec	9	4	4	1	4	
Ontario	3	4	5	8	7	
Manitoba	1	2	1	1	2	
Saskatchewan	1	-	-	-	-	
Alberta	1	1	1	3	2	
British Columbia	1	1	1	-	2	
TOTAL	23	13	12	13	17	

10. Animals Slaughtered and Materials Used in Slaughtering and Meat Packing Establishments, Canada, 1922.

Kind		Maritime Provinces	Quebec	Ontario	Manitoba	Saskatchewan and Alberta	British Columbia	Canada
Beeves, slaughtered dressed weight	no.	1,980	77,404	315,472	78,377	49,784	36,767	561,784
	lb.	837,620	37,607,101	171,126,737	40,759,802	27,777,811	30,282,462	308,441,533
	\$	81,624	2,817,715	17,256,332	2,777,340	1,950,977	2,468,812	27,352,800
Sheep, slaughtered dressed weight	no.	8,561	176,164	333,957	49,532	57,148	58,234	683,596
	lb.	353,650	7,597,226	15,216,619	2,468,333	2,661,819	3,495,922	31,793,569
	\$	67,537	1,261,547	2,921,064	356,347	364,420	534,564	5,505,479
Hogs, slaughtered dressed weight	no.	23,340	305,020	1,303,376	202,109	241,950	90,334	2,166,129
	lb.	3,471,273	43,026,755	190,682,015	29,520,418	32,399,254	14,975,445	314,075,160
	\$	446,683	7,074,375	30,866,960	3,859,222	4,759,239	1,881,661	48,889,190
Calves, slaughtered dressed weight	no.	244	129,450	124,544	14,596	19,105	5,182	293,121
	lb.	31,300	10,996,293	12,452,572	2,496,324	3,279,905	1,248,738	30,505,132
	\$	5,368	1,185,635	1,577,315	210,264	229,186	83,316	3,291,084
Dressed meat purchased fresh or partially cured	lb.	2,668,676	11,700,067	61,509,977	2,576,299	2,051,189	3,430,721	83,936,929
	\$	374,283	1,547,640	9,478,866	349,728	435,359	680,874	12,866,750
Cottonseed oil	lb.	-	66,140	27,378,644	2,706,767	1,008,116	713,182	32,670,849
	\$	-	101,362	2,489,944	219,179	124,890	79,924	3,015,299
Other animal and vegetable oils	lb.	-	159,273	5,938,469	-	815,198	-	6,912,938
	\$	-	18,655	667,586	-	133,067	-	819,308
Salt, sugar, spices, etc.	\$	13,667	52,204	687,489	17,735	89,673	45,986	906,804
Containers, wrappings, labels, cases, etc.	\$	48,639	390,093	2,222,587	356,147	469,536	109,760	3,596,762
All other materials	\$	17,346	1,271,384	5,670,021	287,560	1,465,687	200,051	8,912,019
TOTAL VALUE	\$	1,055,147	15,720,610	73,838,164	8,433,572	10,022,084	6,084,948	115,154,525

II. Principal Statistics of the Industries of Sausage and Sausage Casings, and Animal Oils and Fats.  
Canada, 1922.

Province	Establishments no.	Capital invested \$	Employees no.	Salaries and wages \$	Cost of fuel used \$	Miscell- aneous expenses \$	Cost of materials used \$	Value of Produc- tion \$	Value added by Manufacture \$
Sausage and Sausage Casings (a)									
Quebec	11	352,670	103	138,424	4,270	23,715	348,909	557,393	208,484
Ontario	14	265,120	92	113,509	4,456	32,973	263,463	481,450	217,987
Manitoba	3)								
British Columbia	2)	55,631	19	21,606	2,142	6,747	103,506	150,140	46,634
TOTAL	30	673,421	214	273,539	10,668	63,435	715,878	1,188,983	473,105

Animal Oils and Fats (b)

Canada (c)	7	202,251	42	44,256	7,785	81,663	153,862	326,973	173,111
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(a) Establishments whose chief or only product is sausage or sausage Casings.

✓ Includes outside piece-workmen

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

(c) Comprises one establishment in Quebec, five in Ontario and one in Manitoba.

12. Production of Establishments engaged in the Manufacture  
of Sausage, Sausage Casings and Animal Oils and Fats,  
Canada, 1932.

Kind		Quebec	Ontario	Manitoba and British Columbia	Canada
Sausage and Sausage Casings (a)					
Meats sold fresh-					
Beef	lb.	325,610	50,000	-	375,610
	\$	36,871	15,000	-	51,871
Meats cured-					
Beef, salted or cured	lb.	30,000	25,000	-	55,000
	\$	1,500	6,350	-	7,750
Pork, salted,	lb.	131,000	-	-	131,000
	\$	26,100	-	-	26,100
Hams,	lb.	80,785	-	-	80,785
	\$	20,339	-	-	20,339
Sausage, fresh or cured	lb.	2,262,225	1,773,648	433,776	4,469,649
	\$	352,499	342,403	79,836	774,738
Sausage Casings	\$	66,946	84,577	1,320	152,843
Canned meats	lb.	1,700	-	-	1,700
	\$	710	-	-	710
Cooked meats	lb.	79,060	115,800	288,450	483,310
	\$	27,808	22,674	68,974	119,456
Fallow	lb.	-	2,000	100	2,100
	\$	-	80	10	90
Bone, raw, ground, etc.	tons	-	25	-	25
	\$	-	100	-	100
All other products	\$	14,592	8,300	-	22,892
Amount received for custom or contract work	\$	10,028	2,066	-	12,094
Total value of Production	\$	557,393	481,450	150,140	1,188,983

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

12. Production of Establishments engaged in the Manufacture  
of Sausage and Sausage Casings and Animal Oils and Fats;  
Canada, 1922-concluded.

Kind		Quebec	Ontario	Manitoba and British Columbia	Canada
Animal Oils and Fats (b)					
Tallow	lb.	-	-	-	1,164,124
	\$	-	-	-	69,423
Lard oil	lb.	-	-	-	727,300
	\$	-	-	-	102,050
Stearine	lb.	-	-	-	277,936
	\$	-	-	-	22,806
Grease	lb.	-	-	-	223,413
	\$	-	-	-	15,949
Tallowe	tons	-	-	-	161
	\$	-	-	-	3,145
Dry bones	tons	-	-	-	122
	\$	-	-	-	2,125
Other products	\$	-	-	-	111,475
Total value	\$				326,973

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

Imports and Exports

(Compiled by the External Trade Branch)

13. Imports into Canada for consumption of Products of the Slaughtering and Meat Packing Industry, during the calendar years, 1920, 1921 and 1922.

Articles	1920	1921	1922
<u>Meat-</u>			
Beef, fresh, chilled or frozen	lb. 2,368,465 \$ 376,578	89,188 22,289	110,566 32,250
Mutton and lamb, fresh chilled or frozen	lb. 7,406,363 \$ 1,196,215	4,629,013 780,176	2,061,025 343,914
Pork, fresh, chilled or frozen	lb. 11,977,337 \$ 2,452,691	33,701,226 5,342,518	34,708,132 5,321,788
Poultry and game, fresh chilled or frozen	lb. 44,875	67,769	67,449
Other meats, fresh, chilled or frozen	lb. 3,935,714 \$ 349,433	579,320 94,073	275,418 29,684
Bacon and hams, shoulders and sides, cured	lb. 5,954,813 \$ 1,490,944	8,261,565 1,547,419	4,544,009 672,349
Beef, pickled, in barrels	lb. 1,295,179 \$ 151,793	668,641 51,018	858,900 53,465
Canned meats and canned poultry and game	lb. 1,925,486 \$ 561,823	2,307,546 514,321	1,569,812 282,481
Dried or smoked meats and meats preserved in any other way than salted or pickled n.o.p.	lb. 523,563 \$ 146,765	244,705 60,428	140,563 32,822
Pork, barrelled in brine	lb. 12,311,997 \$ 2,217,797	8,515,793 929,530	11,777,250 1,248,621
Pork, dry salted	lb. 3,020,023 \$ 655,583	1,608,171 232,680	1,320,063 174,471
Sausage	lb. 252,294 \$ 95,795	316,192 120,584	349,966 108,081
Soups of all kinds	\$ 867,023	805,693	789,764
Other meats, salted, n.o.p.	lb. 412,685 \$ 110,378	473,648 114,538	88,785 18,619
<u>Oils, Fats and Greases-</u>			
Lard oil	gal. 42,697 \$ 53,173	29,439 18,054	20,633 19,329
Meat-s feet oil	gal. 5,242 \$ 9,859	1,739 2,330	6,232 7,005
Oleo oil	gal. - X 15,131 \$ - X 16,969	- X 17,494 - X 17,629	8,833 7,827
Other animal oil, n.c.p.	gal. - X 17,494 \$ - X 17,629	- X 17,494 - X 17,629	56,509 42,373

X 9 months, April to December.

13. Imports into Canada for consumption of Products of the Slaughtering and Meat Packing Industry, during the Calendar years, 1920, 1921 and 1922. -con.

Articles		1920	1921	1922
<u>Oils, Fats and Gresas--concluded.</u>				
Lard	lb.	12,323,536	11,347,111	10,232,095
	\$	3,514,924	1,834,979	1,105,654
Lard compound and similar substances, cetylene and animal stearine of all kinds, n.o.p.	lb.	3,906,594	2,893,540	2,739,658
	\$	637,315	261,914	268,960
Tallow	lb.	529,512	35,356	876,458
	\$	87,990	2,716	65,537
Grease, rough, the refuse of animal fat, for the manufacture of soap and oils only	lb.	16,218,265	14,943,432	15,973,504
	\$	2,054,283	903,782	1,077,938
Grease and degrease for stuffing or dressing leather	lb.	1,148,249	723,272	1,513,844
	\$	118,260	52,754	70,227
Butter or margarine	lb.	5,553,345	2,957,035	1,032,405
	\$	1,529,979	435,942	172,738
<u>Hides and Skins-</u>				
Calf skins and Kips, raw, whether dry, salted or pickled	lb.	3,707,036	6,560,853	5,466,304
	\$	2,979,391	1,638,349	1,289,542
Cattle skins, raw, whether dry salted or pickled	lb.	23,952,694	15,000,136	33,347,924
	\$	9,059,745	2,073,443	5,114,632
Sheep skins, raw, whether dry salted or pickled	lb.	2,369,224	1,410,393	2,764,390
	\$	1,185,171	254,760	343,514
<u>Bones, Horns, etc.-</u>				
Bones, crude	cwt.	47,914	1,770	17,352
	\$	94,518	7,410	28,713
Bone dust, charred bone and bone ash	cwt.	56,098	32,459	43,243
	\$	461,636	109,679	169,975
Bone pitch, crude only	\$	9,603	2,254	950
Hoofs, horn strips, horn and horn tips, in the rough, not polished or otherwise manufactured than cleaned	\$	2,904	577	423
<u>Hair and Bristles-</u>				
Hair, cleaned or uncleaned, not dyed, curled or otherwise manufactured	lb.	856,747	226,803	1,561,353
	\$	107,495	37,604	103,173

13. Imports into Canada for consumption of Products of the Slaughtering and Meat Packing Industry, during the calendar years 1920, 1921 and 1922.- concluded.

Articles	1920	1921	1922
<u>Miscellaneous Animal Products, n.e.p.</u>			
Gelatine and isinglass	lb. 1,149,440 \$ 811,896	745,112 485,839	804,255 364,692
Glue, powdered or sheet	lb. 3,165,910 \$ 570,346	1,103,797 180,725	2,341,226 288,178
Glue, liquid	\$ 202,544	83,022	68,585
Sausage casings, e.c.p. or skins, not cleaned	\$ 6,062	2,057	2,290
Sausage casings, n.e.p.	\$ 405,770	315,303	386,124
TOTAL VALUE	\$ 34,132,303	18,821,126	20,194,546

14. Exports of Products of the Canadian Slaughtering  
and Meat Packing Industry, during the calendar  
years, 1920, 1921 and 1922.

Articles	1920	1921	1922
<u>Meats</u>			
Beef, fresh, chilled and frozen	cwt. 644,120 \$ 10,702,829	322,562 4,057,958	262,251 2,861,131
Game, dressed or undressed	3 27,626	42,852	40,595
Mutton, and lamb, fresh, chilled and frozen	cwt. 86,595 \$ 2,127,185	69,910 1,182,848	46,834 1,046,564
Pork, fresh, chilled and frozen	cwt. 15,760 \$ 462,697	10,916 280,563	7,352 169,451
Poultry, dressed or undressed	3 542,009	794,618	721,454
Bacon and hams; shoulders and sides	cwt. 1,052,433 \$ 34,288,497	1,021,230 25,613,052	991,411 22,796,641
Beef, pickled, in barrels	cwt. 26,162 \$ 292,243	783 10,441	1,158 8,314
Canned meats, n.o.p.	cwt. 5,551 \$ 286,426	1,323 193,393	2,646 86,242
Pork, dry salted	cwt. 18,424 \$ 444,862	13,746 171,587	3,282 55,000
Pork, pickled, in barrels	cwt. 6,966 \$ 118,206	5,038 58,752	6,175 59,186
All other meats, n.o.p.	cwt. 131,233 \$ 1,445,900	63,782 681,903	64,528 530,242
<u>Oils, Fats and Greases</u>			
Neat's-foot and other animal oils, n.o.p.	gal. 24,004 \$ 68,621	101,650 113,308	81,822 85,006
Grease and grease scraps	cwt. 20,513 \$ 145,115	39,317 160,460	32,167 140,363
Lard	cwt. 35,173 \$ 621,420	56,653 849,396	30,933 454,024
Lard compounds and substitutes	cwt. 2,300 \$ 57,425	8,234 109,805	25,876 338,397
Tallow	cwt. 17,542 \$ 205,009	16,515 83,438	9,818 60,073
<u>Hides and Skins</u>			
Cattle (including calf) hides and skins	cwt. 296,334 \$ 7,901,534	324,307 3,270,079	441,045 5,144,444
Sheep skins	cwt. 38,674 \$ 885,163	35,743 313,676	46,816 524,876

14. Exports of Products of the Canadian Slaughtering and Meat Packing Industry, during the calendar years, 1920, 1921 and 1922-concluded.

Articles		1920	1921	1922
<u>Bones, Horns, etc.</u>				
Bones, crude	cwt.	111,250	42,590	71,021
	\$	263,741	73,892	99,060
Bonedust, meal, etc.	cwt.	60,027	7,331	7,741
	\$	105,259	7,363	5,172
Horns and hoofs	\$	35,127	16,837	13,976
<u>Hair</u>				
Hair	\$	297,408	122,571	239,336
<u>Other Animal Products</u>				
Glue	cwt.	1,285	915	866
	\$	12,086	9,933	8,881
Glue stock	cwt.	-	42,434	31,797
	\$	127,014	132,166	61,798
Tankage	cwt.	261,110	246,847	295,038
	\$	729,276	301,418	471,351
Sausage casings	\$	586,840	505,062	579,259
<b>TOTAL VALUE</b>	<b>\$</b>	<b>62,779,523</b>	<b>39,157,370</b>	<b>36,601,326</b>

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