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CANNED FOOD PRODUCTION
IN
CANADA
1934 AND 1935

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CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

The development in the production of canned foods in Canada showed a remarkable expansion since the beginning of the twentieth century. In 1900 the total value did not exceed \$8,250,000, whilst in 1930 it had increased to more than \$55,000,000 or six and one-half times as much. In 1933 the value of production dropped to \$33,000,000, and rose again to \$45,000,000 in 1935. The principal commodities used in the canning industry are: fish, fruits and vegetables, milk and meats, whilst the industry itself forms an adjunct of considerable importance to other industries, notably the tin can industry, the wooden box industry and the paper and printing industries. The development of the canned foods trade has effected great changes in the relation of foods to seasons. Fruits and vegetables of many kinds are to be had at all times of the year, not always with all the flavour of the freshly gathered product, but with much of their original freshness and flavour. The producers in the country are provided with an enormously extended market, and the consumer in both city and country with cheap and wholesome food in great variety. The consumer also enjoys protection by frequent inspection under the "Meat and Canned Foods Act, 1907" and subsequent amendments, administered by the Health of Animals Branch of the Federal Department of Agriculture.

The principal statistics of establishments primarily employed in the production of canned foods for the calendar years 1934 and 1935 are presented in the following summary table. It should be remembered that the statistics in this table are for all products and by-products of the several industries shown. The figures of production, therefore, are not comparable with those shown elsewhere in this report.

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1934 and 1935.

	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Gross Value of Production
	No.	\$	No.	\$	\$
<u>1934</u>					
Fish, canned	436	11,275,405	11,922	2,069,354	15,043,250
Fruit and vegetable preparations	287	39,266,310	7,524	4,704,518	35,330,577
Condensed and evaporated milk	21	4,784,423	650	744,912	7,401,261
Meats, canned	13	1/368,023	1/72	1/82,967	1/791,426
TOTAL, 1934	757	55,694,161	20,168	7,601,751	58,566,514
<u>1935</u>					
Fish, canned	407	10,636,018	11,289	2,003,500	14,454,027
Fruit and vegetable preparations	298	38,272,379	7,912	5,063,481	38,276,487
Condensed and evaporated milk	21	4,912,936	707	804,238	8,142,184
Meats, canned	17	1/418,943	1/74	1/87,126	1/862,572
TOTAL, 1935	743	54,240,276	19,982	7,958,345	61,735,270

1/ Estimated.

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Imports and Exports

Imports of canned foods in the calendar year 1935 amounted to \$2,684,149, mostly of fruit and vegetables not grown in Canada by reason of climatic conditions.

Exports of canned foods, the produce of Canada, during 1935 amounted in value to \$16,975,636, of which canned fish totalled \$10,475,278 and concentrated milk products \$2,247,075.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1929 to 1935.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1929 to 1935.

	1929	1930	1931	1932	1933	1934	1935	
	\$	\$	\$	\$	\$	\$	\$	
<u>IMPORTS</u> -								
Canned fish	1,739,193	1,177,029	928,079	671,386	659,554	713,018	891,702	
Canned fruits	3,172,055	2,954,415	1,678,341	587,903	764,380	753,052	1,011,578	
Canned vegetables	2,037,391	1,461,185	765,581	298,041	194,596	223,507	218,615	
Canned meats and soups	2,957,522	2,747,849	1,053,685	372,613	411,990	489,943	539,936	
Concentrated milk products .	40,022	42,985	69,049	27,207	22,994	25,123	22,318	
TOTAL IMPORTS	9,946,183	8,383,463	4,494,735	1,957,150	2,053,514	2,204,643	2,684,149	
<u>EXPORTS</u> -								
Canned fish	13,259,369	10,583,204	9,591,171	7,361,077	8,141,552	9,129,954	10,475,278	
Canned fruits	422,543	250,271	331,091	581,438	897,208	1,422,413	1,414,234	
Canned vegetables	1,272,445	631,015	654,332	580,673	806,895	987,541	1,654,479	
Canned meats and soups	700,737	797,141	544,725	721,632	937,590	1,432,027	1,184,570	
Concentrated milk products .	3,625,361	2,948,246	2,098,025	2,097,899	2,097,153	2,209,750	2,247,075	
TOTAL EXPORTS	19,280,455	15,209,877	13,219,344	11,342,719	12,880,388	15,181,685	16,975,636	

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Table 3. - Production of Canned Foods in Canada, 1926 to 1935.

	Unit of Measure	1926		1927	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish.....	Case	2,501,233	21,614,053	1,842,672	16,616,458
Canned fruits	"	837,405	3,058,870	597,322	2,256,201
Canned vegetables	"	4,920,727	12,755,758	4,478,893	11,697,534
Canned meats	Pound	6,682,831	961,066	8,734,823	1,188,961
Canned soups	Case	173,738	604,883	304,509	1,014,086
Other canned foods	"	69,157	280,082	79,144	300,361
Concentrated milk products	Cwt.	946,824	9,538,588	1,051,063	10,003,394
TOTAL	-	-	48,813,300	-	43,076,995

	Unit of Measure	1928		1929	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish	Case	2,531,075	18,380,344	2,029,415	16,996,478
Canned fruits	"	1,019,492	3,283,873	1,101,188	3,827,027
Canned vegetables	"	5,484,460	13,699,681	5,626,098	15,223,673
Canned meats	Pound	6,815,051	947,225	10,197,431	1,432,524
Canned soups	Case	408,245	1,390,612	556,739	1,893,266
Other canned foods	"	75,361	363,301	108,874	471,956
Concentrated milk products	Cwt.	1,024,925	10,096,482	1,060,574	10,288,131
TOTAL	-	-	48,161,518	-	50,133,055

	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish	Case	2,732,983	18,413,477	1,094,532	9,021,461
Canned fruits	"	927,838	3,520,213	784,833	2,444,818
Canned vegetables	"	8,750,035	19,459,911	5,991,949	10,943,131
Canned meats	Pound	6,443,349	914,379	5,153,019	894,799
Canned soups	Case	777,269	2,517,813	1,085,107	3,497,766
Other canned foods	"	95,486	506,067	394,753	1,102,982
Concentrated milk products	Cwt.	1,077,723	9,793,521	839,943	7,011,710
TOTAL	-	-	55,125,381	-	34,916,667

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Table 3. - Production of Canned Foods in Canada, 1926 to 1935. - (Concluded)

	Unit of Measure	1 9 3 2		1 9 3 3	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Case	1,433,021	9,789,254	1,637,991	10,147,138
Canned fruits	"	1,336,153	3,444,647	1,201,275	2,894,951
Canned vegetables	"	4,229,268	8,296,652	4,531,542	8,257,296
Canned meats	Pound	3,108,220	685,765	3,142,249	661,248
Canned soups	Case	1,094,570	3,408,050	1,438,523	4,077,071
Other canned foods	"	1/705,372	1,565,601	-	1,358,605
Concentrated milk products.	Cwt.	815,491	5,922,993	843,994	5,451,656
TOTAL	-	-	33,112,962	-	32,847,965

	Unit of Measure	1 9 3 4		1 9 3 5	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Case	2,134,549	14,205,665	2,106,807	13,638,127
Canned fruits	"	1,270,628	3,509,156	1,825,613	4,757,301
Canned vegetables	"	6,062,374	10,876,830	6,602,822	12,101,138
Canned meats	Pound	3,660,878	791,426	4,007,740	862,572
Canned soups	Case	2,022,300	4,947,774	1,603,685	3,978,806
Other canned foods	-	-	2,445,852	-	2/3,112,009
Concentrated milk products.	-	-	5,991,759	-	6,849,989
TOTAL	-	-	42,768,462	-	45,299,942

1/ Includes tomato juice and tomato paste and puree.

2/ Includes canned chicken.

CANNED FOOD PRODUCTION

Table 4(a). - Production of

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Fish, canned	Cases	2,134,549	14,205,665	-	-
Salmon	"	1,584,593	10,438,258	-	-
Salmon paste	"	1,100	14,000	-	-
Lobster	"	121,225	2,424,421	-	-
Sardines	"	288,091	865,842	-	-
Clams and quahaugs ...	"	18,786	74,817	-	-
Clam chowder	"	125	500	-	-
Herring	"	59,413	156,232	-	-
Halibut	"	45	326	-	-
Haddock	"	18,532	74,295	-	-
Hake and Cusk	"	132	396	-	-
Pilchards	"	35,437	112,393	-	-
Tuna	"	349	3,133	-	-
Shrimps	"	336	4,711	-	-
Oysters	"	860	5,805	-	-
Mackerel	"	1,716	4,263	-	-
Scallops	"	9	90	-	-
Cod	"	2,527	10,608	-	-
Crabs	"	1,273	15,575	-	-
Fruits, canned ^{1/}	Cases	1,270,628		850,528	
	Pounds	41,179,533	3,509,156	27,406,409	2,464,522
Apples and apple sauce	Cases	166,379		48,779	
	Pounds	5,896,323	301,561	1,762,889	96,869
Apricots	Cases	50,261		-	
	Pounds	1,520,370	145,635	-	-
Blueberries	Cases	49,741			
	Pounds	1,439,673	85,227		(2)
Cherries	Cases	98,220		91,808	
	Pounds	3,448,965	267,546	3,245,962	247,941
Loganberries	Cases	61,825		-	
	Pounds	2,483,247	192,623	-	-
Peaches	Cases	187,548		172,320	
	Pounds	5,913,111	596,374	5,453,005	546,684
Pears	Cases	440,550		385,510	
	Pounds	14,321,634	1,241,385	12,610,238	1,085,082
Plums	Cases	48,054		22,032	
	Pounds	1,420,141	90,821	713,007	35,103
Raspberries	Cases	46,750		28,513	
	Pounds	1,381,247	161,434	855,337	104,373
Rhubarb	Cases	8,040		4,803	
	Pounds	326,207	15,346	193,731	8,063
Strawberries	Cases	30,363		8,906	
	Pounds	851,183	112,819	249,600	32,961

IN CANADA, 1934 and 1935.

Canned Foods, by Provinces, 1934.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
12,993	250,926	1,630,036	10,613,292	491,520	3,341,447
1,384	9,196	1,582,926	10,426,160	283	2,902
-	-	1,100	14,000	-	-
11,597	241,627	-	-	109,628	2,182,794
-	-	-	-	288,091	865,842
-	-	5,815	27,424	12,971	47,393
-	-	-	-	125	500
-	-	2,295	7,344	57,118	148,888
-	-	-	-	45	326
-	-	-	-	18,532	74,295
-	-	-	-	132	396
-	-	35,437	112,393	-	-
-	-	-	-	349	3,133
-	-	336	4,711	-	-
-	-	860	5,805	-	-
3	13	-	-	1,713	4,250
9	90	-	-	-	-
-	-	-	-	2,527	10,608
-	-	1,267	15,455	6	120
24,397		285,147		110,556	
672,010	36,035	9,385,048	820,674	3,716,066	187,925
-	-	31,485		86,115	
-	-	1,143,151	62,686	2,990,283	142,006
-	-	50,261		-	
-	-	1,520,370	145,635	-	
24,352				17,826	
670,120	35,799	(2)		534,400	32,257
-	-	6,412		-	
-	-	203,003	19,605	-	
-	-	61,825		-	
-	-	2,483,247	192,623	-	
45		15,183		-	
1,890	236	458,216	49,454	-	
-	-	49,009		6,031	
-	-	1,535,674	144,151	175,722	12,152
-	-	25,661		361	
-	-	695,613	54,972	11,521	746
-	-	18,237		-	
-	-	525,910	57,061	-	
-	-	3,237		-	
-	-	132,476	7,283	-	
-	-	21,234		223	
-	-	597,443	79,094	4,140	764

CANNED FOOD PRODUCTION

Table 4(a). - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Fruits, canned ^{1/} - (Concluded)					
Other small fruits	Cases	3,152		8,132	
	Pounds	103,872	8,450	249,480	17,624
All other fruits	Cases	79,745		79,725	
	Pounds	2,073,560	3/289,935	2,073,160	289,822
Vegetables, canned ^{1/}					
	Cases	6,062,374		3,643,335	
	Pounds	213,835,002	10,876,830	126,829,528	6,569,623
Asparagus	Cases	57,120		55,572	
	Pounds	1,439,097	208,850	1,385,517	203,368
Beans, green or wax ...	Cases	372,607		56,803	
	Pounds	10,407,213	676,000	1,717,344	94,303
Beans, baked	Cases	1,084,015		629,172	
	Pounds	38,683,523	1,930,338	21,017,247	1,079,381
Beets	Cases	33,355		28,554	
	Pounds	1,003,489	73,876	862,131	58,762
Carrots	Cases	21,021		19,308	
	Pounds	624,474	35,759	566,335	30,192
Corn, cream of	Cases	818,294		601,214	
	Pounds	24,504,004	1,436,395	17,968,428	1,073,688
Corn on the cob	Cases	10,421			
	Pounds	530,518	29,608		(4)
Peas	Cases	1,369,454		944,915	
	Pounds	41,257,327	2,770,070	28,411,589	1,938,622
Pumpkin	Cases	107,334		74,596	
	Pounds	4,479,507	177,581	3,134,812	115,179
Spinach	Cases	38,434		20,955	
	Pounds	1,216,515	96,492	652,565	50,694
Tomatoes	Cases	2,122,520		1,206,793	
	Pounds	88,992,394	3,374,430	50,843,682	1,906,274
All other vegetables ..	Cases	27,799		5,453	
	Pounds	696,941	67,431	269,878	19,160
Meats, canned	Pounds	3,660,878	791,426	196,333	35,995
Poultry, canned	Pounds	441,530	152,678	248,929	100,131
Soups, canned	Cases	2,022,300		1,855,109	
	Pounds	49,820,986	4,947,774	43,318,771	4,535,886
Other Canned Foods	Pounds	39,500,575	2,293,174	34,278,425	2,027,033
Macaroni and spaghetti, canned	Cases	207,301		143,125	
	Pounds	7,106,440	482,720	5,176,238	369,968

IN CANADA, 1934 and 1935.

by Provinces, 1934. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
-	-	2,583	-	-	-
-	-	89,545	7,997	-	-
-	-	20	-	-	-
-	-	400	113	-	-
1,571,981	-	785,472	-	61,586	-
56,377,813	2,626,307	28,495,922	1,561,601	2,131,739	119,299
-	-	1,548	-	-	-
-	-	53,580	5,482	-	-
184,151	-	119,403	-	12,250	-
5,380,615	303,343	2,940,129	256,567	369,125	21,787
375,651	-	56,630	-	22,562	-
14,659,561	679,435	2,102,291	123,878	904,424	47,644
-	-	4,630	-	-	-
-	-	136,228	14,760	-	(4)
(4)	-	(4)	-	(4)	-
180,715	-	-	-	-	-
5,421,300	293,239	(4)	-	(4)	-
(4)	-	-	-	-	-
266,375	-	158,164	-	-	-
7,991,250	504,192	4,854,488	327,256	-	-
(4)	-	25,180	-	-	-
(4)	-	1,051,670	49,441	(4)	-
(4)	-	16,797	-	-	-
(4)	-	543,490	44,189	-	-
551,766	-	363,961	-	-	-
22,454,230	814,123	15,694,482	654,033	-	-
13,323	-	39,159	-	26,774	-
470,857	31,975	1,119,564	85,995	858,190	49,868
672,672	196,434	(5)	-	2,791,873	558,997
(5)	-	(5)	-	192,601	52,547
134,719	-	-	-	32,472	-
5,479,189	315,190	(5)	-	1,023,026	96,698
2,826,225	170,350	2,383,925	94,801	12,000	990
(6)	-	(6)	-	-	-

CANNED FOOD PRODUCTION

Table 4(a). - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Other Canned Foods - (Concluded)					
Tomato juice	Cases	711,844		661,815	
	Pounds	17,818,545	967,744	16,246,682	869,857
Tomato paste and puree.	Cases	141,321		130,404	
	Pounds	5,618,365	242,725	5,316,718	233,515
Tomato pulp	Cases	-		-	
	Pounds	6,120,158	320,247	4,910,664	304,873
Foods, prepared for infants	Cases	77,637		71,501	
	Pounds	597,231	138,202	553,718	126,427
Sauerkraut	Cases	-		-	
	Pounds	874,421	32,467	855,421	31,707
Apple pie filling	Cases	-		-	
	Pounds	1,002,597	73,244	990,597	72,254
All other canned goods.	Cases	-		-	
	Pounds	362,818	35,825	228,397	18,432
Concentrated Milk Products	Cwt.	908,430	5,991,759	687,271	4,535,594
Evaporated milk	Cwt.	564,648	3,461,237	391,738	2,345,971
Condensed milk	"	91,268	873,333	78,924	778,445
Condensed buttermilk ..	"	4,712	10,613	1,026	2,344
Condensed skim milk ...	"	44,087	222,255	44,087	222,255
Buttermilk powder	"	14,632	79,187	14,254	77,388
Skim milk powder	"	168,681	1,106,852	136,939	873,451
Whole milk powder	"	20,028	226,132	19,929	223,590
Cream powder	"	374	12,150	374	12,150
TOTAL VALUE OF CANNED GOODS					
			42,768,462		20,268,784

- 1/ Fruits and vegetables canned by domestic or home canners are not included here.
- 2/ Included under "all other fruits".
- 3/ Includes: - pineapple, grapefruit and fruits for salad.
- 4/ Included under "all other vegetables".
- 5/ Included under "Other Provinces".
- 6/ Included under "all other canned goods".

IN CANADA, 1934 and 1935.

by Provinces, 1934. - (Concluded)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
		39,979		-	
(6)		1,255,304	75,657	-	-
-		10,917		-	
-	-	301,647	9,210	-	-
		-		-	
(6)		683,198	5,431	-	-
		-		-	
(6)		-	-	-	-
				-	
		(6)		-	-
		-			(6)
		-		-	
2,826,225	170,350	143,776	4,503	12,000	990
10,951	51,012	163,759	1,141,311	46,449	263,842
-	-	141,444	963,053	31,466	152,213
737	5,160	-	-	11,607	89,728
3,219	6,400	467	1,869	-	-
-	-	-	-	-	-
358	1,701	-	-	20	98
6,637	37,751	21,754	174,034	3,351	21,616
-	-	94	2,355	5	187
-	-	-	-	-	-
-	3,646,254	-	14,231,679	-	4,621,745

CANNED FOOD PRODUCTION

Table 4(b). - Production of

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Fish, canned	Cases	2,106,807	13,638,127	-	-
Salmon	"	1,530,320	9,663,305	-	-
Lobster	"	105,444	2,249,696	-	-
Sardines	"	338,436	1,180,111	-	-
Clams and quahaugs ...	"	29,883	117,353	-	-
Quahaug chowder	"	100	350	-	-
Herring	"	38,893	165,763	-	-
Halibut	"	70	507	-	-
Haddock	"	19,741	83,498	-	-
Hake and Cusk	"	8,373	32,490	-	-
Pilchards	"	27,184	82,991	-	-
Tuna	"	1,074	4,444	-	-
Shrimps	"	483	10,079	-	-
Oysters	"	1,087	7,065	-	-
Mackerel	"	98	480	-	-
Scallops	"	54	488	-	-
Cod	"	4,236	19,604	-	-
Crabs	"	1,331	19,903	-	-
Fruits, canned ^{1/}	Cases	1,825,613		1,400,940	
	Pounds	58,440,734	4,757,301	43,952,400	3,674,482
Apples and apple sauce	Cases	245,243		82,678	
	Pounds	9,263,737	479,132	3,178,209	168,928
Apricots	Cases	34,236		-	
	Pounds	1,061,913	100,600	-	-
Blueberries	Cases	44,751		9,901	
	Pounds	1,277,263	78,638	257,155	19,203
Cherries	Cases	199,994		191,425	
	Pounds	6,320,832	489,888	6,033,090	461,873
Loganberries	Cases	36,561		-	
	Pounds	1,188,602	115,695	-	-
Peaches	Cases	444,006		428,285	
	Pounds	13,536,843	1,287,084	12,994,555	1,230,748
Pears	Cases	463,609		403,816	
	Pounds	15,076,579	1,212,026	12,945,188	1,025,779
Plums, gages, etc. ...	Cases	118,737		99,446	
	Pounds	3,682,327	218,313	3,103,148	178,217
Raspberries	Cases	76,990		54,641	
	Pounds	2,259,919	262,200	1,595,215	181,921
Rhubarb	Cases	15,396		13,999	
	Pounds	599,538	28,876	542,306	25,989
Strawberries	Cases	47,851		22,495	
	Pounds	1,383,169	163,696	649,947	74,885

IN CANADA, 1934 and 1935.

Canned Foods, by Provinces, 1935.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
10,638	219,928	1,569,307	9,822,391	526,862	3,595,808
957	5,672	1,529,022	9,653,897	341	3,736
9,633	213,864	-	-	95,811	2,035,832
-	-	-	-	338,436	1,180,111
-	-	10,209	48,636	19,674	68,717
-	-	-	-	100	350
-	-	-	-	38,893	165,763
-	-	-	-	70	507
-	-	-	-	19,741	83,498
-	-	-	-	8,373	32,490
-	-	27,184	82,991	-	-
-	-	-	-	1,074	4,444
-	-	483	10,079	-	-
-	-	1,087	7,065	-	-
18	92	-	-	80	388
30	300	-	-	24	188
-	-	-	-	4,236	19,604
-	-	1,322	19,723	9	180
14,010		277,383		133,280	
375,970	21,554	9,335,269	804,351	4,777,095	256,914
-		61,822		100,743	
-		2,351,217	124,227	3,734,311	185,977
-		34,236		-	
-		1,061,913	100,600	-	
13,905		-		20,945	
372,190	21,003	-		647,918	38,432
-		8,569		-	
-		287,742	28,015	-	
-		36,561		-	
-		1,188,602	115,695	-	
-		15,616		-	
(2)		538,508	55,785	-	
-		50,469		9,324	
-		1,789,794	161,732	341,597	24,515
-		19,047		-	
-		571,493	39,535	-	
-		22,349		-	
-		664,704	80,279	-	
-		1,397		-	
-		57,232	2,887	-	
-		24,478		-	
-		715,364	85,662	-	

CANNED FOOD PRODUCTION

Table 4(b). - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Fruits, canned ^{1/} - (Concluded)					
Other small fruits ..	Cases	4,433		448	
	Pounds	149,254	15,449	12,829	1,235
All other fruits	Cases	93,806		93,806	
	Pounds	2,640,758	3/ 305,704	2,640,758	305,704
Vegetables, canned ^{1/} ..					
	Cases	6,602,822		3,999,759	
	Pounds	222,028,501	12,101,138	129,533,237	7,350,661
Asparagus	Cases	86,792		81,200	
	Pounds	2,068,082	307,789	1,938,276	285,999
Beans, green or wax ..	Cases	364,657		42,635	
	Pounds	11,083,015	633,900	1,303,428	83,943
Beans, baked	Cases	1,103,698		610,852	
	Pounds	39,004,561	2,117,529	20,016,554	1,128,416
Beets	Cases	46,306		41,920	
	Pounds	1,325,775	86,664	1,189,877	77,023
Carrots	Cases	22,515		20,917	
	Pounds	627,348	32,617	574,073	28,976
Carrots and peas combined	Cases	38,409			
	Pounds	1,024,519	84,629		(4)
Corn, cream of	Cases	1,212,256		909,354	
	Pounds	35,377,778	2,082,036	26,142,762	1,572,708
Corn on the cob	Cases	15,343			
	Pounds	705,702	38,198		(4)
Peas	Cases	1,988,383		1,349,319	
	Pounds	60,772,794	3,857,038	41,180,708	2,607,559
Pumpkin	Cases	93,174		67,397	
	Pounds	3,975,895	154,795	2,889,758	111,034
Spinach	Cases	43,386		28,431	
	Pounds	1,330,677	98,988	847,239	63,242
Tomatoes	Cases	1,564,932		833,334	
	Pounds	64,040,998	2,543,912	32,933,868	1,352,020
All other vegetables.	Cases	22,971		14,400	
	Pounds	691,357	63,043	516,894	39,741
Meats, canned	Pounds	4,007,740	862,572	204,589	40,428
Poultry, canned	Pounds	584,439	144,233		(5)
Soups, canned	Cases	1,603,685		1,403,595	
	Pounds	45,381,505	3,978,806	38,023,897	3,522,001

IN CANADA, 1934 and 1935.

Foods, by Provinces, 1935. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
--		2,839		2,024	
--	--	108,700	9,934	45,583	7,429
105		--		244	
3,780	551	--	--	7,686	561
1,660,410		800,648		142,005	
58,835,649	2,846,985	28,942,118	1,645,994	4,717,497	257,498
--		5,438			
--	--	126,803	21,390	(4)	
232,020		66,340		23,662	
7,101,913	362,825	1,972,841	147,254	704,833	39,878
407,640		56,265		28,941	
15,558,836	798,883	2,254,220	128,656	1,174,951	61,574
--		2,218			
--	--	70,858	5,736	(4)	
--		1,598		--	--
--	--	53,275	3,641	--	--
--		33,470		--	--
--	--	894,129	73,763	--	--
249,465		30,382			
7,564,153	413,228	956,943	63,921	(4)	
		--			
(4)		--	--	(4)	
333,449		248,925		56,690	
10,096,982	600,377	7,754,654	541,231	1,740,450	107,871
		16,217			
(4)		662,337	29,701	(4)	
		12,180			
(4)		400,438	30,419	(4)	
414,947		316,651		--	--
17,690,281	622,331	13,416,849	569,561	--	--
22,889		10,964		32,712	
823,484	49,341	378,771	30,721	1,097,263	48,175
613,016	164,483	(5)		3,190,135	657,661
--	--	(5)		584,439	144,233
152,920		45,997		1,173	
5,804,516	315,336	1,460,543	134,887	92,549	6,582

CANNED FOOD PRODUCTION

Table 4(b). - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Other Canned Foods	Pounds	48,360,990	2,967,776	40,015,154	2,545,057
Macaroni and spaghetti, canned	Cases	227,377		147,235	
	Pounds	7,205,843	540,853	4,618,390	379,951
Tomato juice	Cases	795,691		698,679	
	Pounds	21,693,716	1,147,772	18,339,645	964,539
Tomato paste and puree	Cases	125,295		124,934	
	Pounds	5,502,510	256,806	5,488,510	256,264
Tomato pulp	Cases	-		-	
	Pounds	8,731,367	555,597	6,683,166	524,387
Foods prepared for infants	Cases	130,475		117,703	
	Pounds	981,386	219,139	938,180	207,692
Sauerkraut	Cases	-		-	
	Pounds	2,602,102	107,436	2,590,102	106,956
Apple pie filling	Cases	-		-	
	Pounds	1,308,524	99,236	1,296,024	98,156
All other canned goods	Cases	-		-	
	Pounds	335,542	40,937	61,137	7,112
Concentrated Milk Products	Cwt.	1,036,030	6,849,989	785,493	5,285,054
Evaporated milk	"	662,181	4,170,421	465,643	2,955,640
Condensed milk	"	91,491	847,837	82,799	785,237
Condensed buttermilk ..	"	3,878	8,065	130	131
Evaporated skim milk ..	"	1,460	3,984	1,460	3,984
Condensed skim milk ..	"	43,861	218,906	40,432	207,979
Buttermilk powder	"	21,649	105,838	20,327	98,964
Skim milk powder	"	188,900	1,220,511	152,293	963,735
Whole milk powder	"	22,369	265,761	22,168	260,718
Cream powder	"	241	8,666	241	8,666
TOTAL VALUE OF CANNED GOODS	-	-	45,299,942	-	22,417,683

- 1/ Fruits and vegetables canned by domestic or home canners are not included.
- 2/ Included under "all other fruits".
- 3/ Includes: pineapple, grapefruit and fruits for salad.
- 4/ Included under "all other vegetables".
- 5/ Included under "Other Provinces".
- 6/ Included under "all other canned goods".

IN CANADA, 1934 and 1935.

Foods in Canada, 1935. - (Concluded)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
5,712,564	299,743	2,583,803	120,018	49,469	2,958
(6)		-		-	
45,648		51,101		-	
1,663,513	78,369	1,682,668	104,464	(6)	
-		(6)		-	
(6)		875,135	14,532	(6)	
(6)		-		-	
-		(6)		-	
-		-		-	
-		-		(6)	
4,049,051	221,374	26,000	1,022	49,469	2,958
19,475	81,844	190,338	1,249,142	40,724	233,949
-		167,720	1,065,639	28,818	149,142
2,117	12,923	-		6,575	49,677
3,529	7,058	219	876	-	
-		-		-	
3,429	10,927	-		-	
375	1,500	-		947	5,374
10,025	49,436	22,198	177,584	4,384	29,756
-		201	5,043	-	
-		-		-	
-	3,949,873	-	13,776,783	-	5,155,603

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

FISH CANNING

The principal varieties of fish used in Canadian canneries are in order of their importance: salmon, lobsters, sardines, herring, clams, haddock and pilchards.

Salmon Canning: -- The salmon canning industry is practically confined to the Province of British Columbia, and dates as far back as 1876 when the initial pack was 9,847 cases, drawn wholly from the Fraser River area. Ten years later the pack had increased to 161,264 cases, and again in 1896 to 601,570 cases. In 1926 the pack had further increased to 2,065,190 cases, constituting the second highest record pack for the industry, whilst in 1930 the pack had increased to 2,223,469 cases, the high record to date. In 1935 the pack amounted to 1,530,320 cases valued at \$9,663,305.

Every species of this kind of food fish (which, however, is not the salmo salar or true salmon) known to the waters of the Pacific is to be found on the British Columbia Coast -- the sockeye, the spring, the coho, the pink and the chum salmon. Of these the sockeye, though not taken in such great numbers as the pinks and chums, is by far the most important, owing to its abundance, its deep red colour and its excellent texture which have created so keen a demand in British and foreign markets. The Fraser River, which had for years been the chief source of supply, has now yielded place to the Skeena River and adjacent waters. The remaining species are all marketable in quality though not commanding the high place attained by the sockeye. A table showing the annual pack since the beginning of the industry is appended. A variation in the quantity of the pack will be noted, the maximum being reached in about every fourth year.

Annual Pack of Salmon, 1876 to 1935.

Year	Cases	Year	Cases
	No.		No.
1876	9,847	1895	566,395
1877	67,387	1896	601,570
1878	113,601	1897	1,027,204
1879	61,093	1898	492,657
1880	61,849	1899	765,517
1881	117,276	1900	606,530
1882	225,061	1901	1,236,156
1883	196,292	1902	625,982
1884	141,242	1903	473,674
1885	108,517	1904	465,894
1886	161,264	1905	1,167,822
1887	204,083	1906	629,460
1888	181,040	1907	542,266
1889	414,294	1908	542,689
1890	409,464	1909	967,920
1891	314,893	1910	762,201
1892	228,470	1911	948,965
1893	590,229	1912	996,626
1894	494,371	1913	1,353,901

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Annual Pack of Salmon, 1876 to 1935. - (Concluded)

Year	Cases No.	Year	Cases No.
1914	1,111,039	1925	1,719,282
1915	1,133,381	1926	2,065,190
1916	995,065	1927	1,360,634
1917	1,557,485	1928	2,035,629
1918	1,616,157	1929	1,399,541
1919	1,393,156	1930	2,223,469
1920	1,187,616	1931	686,697
1921	603,548	1932	1,082,325
1922	1,290,326	1933	1,265,072
1923	1,341,677	1934	1,584,593
1924	1,745,313	1935	1,530,320

Lobster Canning: -- Next to salmon canneries of the Pacific Coast comes the lobster canning industry of Nova Scotia, New Brunswick, Prince Edward Island and Quebec. The industry dates from 1870 when the Province of Nova Scotia produced 30,000 cans and New Brunswick 20,000 cans. In the following year a factory was started in Prince Edward Island with an initial pack of 6,711 cans. The growth of the industry in over sixty years is indicated by the output of the 304 factories operating in Canada in 1935. Prince Edward Island with 89 factories produced 25,170 cases valued at \$556,596. Nova Scotia with 77 factories produced 46,863 cases valued at \$1,021,258. New Brunswick with 86 factories produced 18,275 cases valued at \$404,260, and Quebec with 52 factories produced 9,597 cases valued at \$213,519, or a total pack in 1935 of 99,905 cases worth \$2,195,633. Large quantities of canned lobster are exported annually to Great Britain, the United States and France. A table showing the annual pack of lobsters from 1897 to date follows:

Annual Pack of Lobsters, 1897 to 1935.

Year	Cases of 48 Pounds No.	Year	Cases of 48 Pounds No.
1897	231,886	1909	188,992
1898	223,554	1910	183,094
1899	218,652	1911	208,482
1900	219,756	1912	187,616
1901	209,513	1913	166,512
1902	194,794	1914	160,902
1903	220,921	1915	162,966
1904	224,214	1916	197,751
1905	219,534	1917	195,993
1906	210,516	1918	107,812
1907	222,095	1919	128,759
1908	227,323	1920	163,299

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Annual Pack of Lobsters, 1897 to 1935. - (Concluded).

Year	Cases of 48 Pounds No.	Year	Cases of 48 Pounds No.
1921	137,607	1929	127,516
1922	148,644	1930	139,109
1923	151,039	1931	146,338
1924	102,118	1932	166,799
1925	127,497	1933	122,062
1926	123,519	1934	116,144
1927	113,937	1935	99,905
1928	111,986		

Sardine Canning: - The industry is confined almost wholly to the Province of New Brunswick. The name of sardine as applied to the Canadian fish is not the true one; as the fish used in the canneries of New Brunswick are the young of the herring. The first mention of a sardine industry in Canada so far as is known dates back to sometime in the late sixties. Although there are but three canneries operating, they are of large capacity, and the total pack in 1935 amounted to 338,436 cases valued at \$1,180,111. The remainder of the catch -- 112,458 barrels, valued at \$155,687 -- was sold as fresh and salted, and went chiefly to United States' factories for canning. The imports of canned sardines in 1935 amounted to \$359,966 and came principally from Norway. Exports to the value of \$448,150 were reported in 1935, principally to British Dominions and dependencies. The season for taking this fish extends from April 1st to December 31st. A table showing the annual pack of sardines from 1917 to date is appended.

Annual Pack of Sardines, 1917 to 1935.

Year	Cases Canned No.	Year	Cases Canned No.
1917	168,365	1927	240,091
1918	177,193	1928	257,881
1919	119,225	1929	329,204
1920	129,925	1930	244,238
1921	111,835	1931	202,520
1922	121,800	1932	113,197
1923	140,000	1933	180,597
1924	282,306	1934	288,091
1925	209,649	1935	338,436
1926	217,592		

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Clam and Other Canneries: - There is also a considerable pack of fish of other varieties, the principal items in 1935 being: herring with 38,893 cases valued at \$165,763, clams and quahaugs 29,883 cases worth \$117,353, haddock 19,741 cases valued at \$83,498, pilchards 27,184 cases worth \$82,991, and miscellaneous kinds of canned fish 16,279 cases valued at \$84,493. The exports of some of these kinds in 1935 were as follows: herring \$109,928, pilchards \$45,577, and clams \$4,893. A statement showing the quantity of clams and quahaugs packed annually since 1917 is herewith presented.

Annual Pack of Clams and Quahaugs, 1917 to 1935.

Year	Cases Canned	Year	Cases Canned
	No.		No.
1917	19,445	1927	38,826
1918	16,592	1928	43,090
1919	14,599	1929	54,289
1920	17,195	1930	44,708
1921	22,384	1931	23,177
1922	23,085	1932	21,935
1923	18,329	1933	20,609
1924	32,447	1934	19,091
1925	37,622	1935	29,983
1926	30,370		

FRUIT AND VEGETABLE CANNING

The canning of fruits and vegetables is carried on most extensively in the Provinces of Ontario, British Columbia and Quebec, where climatic conditions are favourable for the growing of fruits and vegetables. The principal fruits canned in Ontario are: apples, pears, plums, peaches, cherries, currants, gooseberries, blueberries, raspberries and strawberries. In addition, British Columbia has the apricot and the loganberry. The vegetables canned include: tomatoes, peas, corn, beans, beets, carrots, pumpkin, squash, spinach and asparagus. The canning season begins in June and continues through the summer and autumn until October, being at its height in July, August and September. The pack in 1935 consisted of 1,825,613 cases of fruits and 6,602,822 cases of vegetables, valued at \$4,757,301 and \$12,101,138 respectively. Of the canned vegetables packed, peas ranked first with 1,988,383 cases. Tomatoes with 1,564,932 cases came next, followed in order by cream of corn with 1,212,256 cases, baked beans 1,103,698 cases, green or wax beans 364,657 cases, etc. Of the fruits canned, pears came first with 463,609 cases, followed by peaches with 444,006 cases, apples and apple sauce 245,243 cases, cherries 199,994 cases, plums 118,737 cases, etc. Other important canned products are: soups of all kinds 1,603,685 cases and tomato juice 795,691 cases.

Imports and exports of canned fruits and vegetables during the calendar years 1934 and 1935 are summarized in the following tables as far as the classification of these commodities permit.

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Table showing Imports of Canned Fruits and Vegetables,
Calendar Years 1934 and 1935.

	1934		1935	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Asparagus	159,847	23,899	169,108	28,074
Beans, baked	126,560	8,475	118,252	7,349
Corn	41,375	2,398	31,949	1,521
Peas	83,862	6,687	62,795	3,827
Tomatoes	897,959	71,250	590,909	65,122
Mushrooms and truffles ...	239,352	41,922	258,720	44,013
All other vegetables	929,835	68,876	971,324	68,709
TOTAL CANNED VEGETABLES	2,478,790	223,507	2,203,057	218,615
CANNED FRUITS -				
Peaches and apricots	2,537,652	160,090	3,550,889	239,485
Pears	173,819	11,723	212,216	14,806
Pineapple	16,853,155	537,482	21,339,540	695,235
All other fruits	530,379	43,757	793,397	62,052
TOTAL CANNED FRUITS ...	20,095,005	753,052	25,896,042	1,011,578

Table showing Exports of Canned Fruits and Vegetables,
Calendar Years 1934 and 1935.

	1934		1935	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Beans	4,234,379	171,028	4,067,470	173,030
Tomatoes (To March 31, 1934)	840,742	32,022	-	-
Tomatoes (From April 1, 1934)	4,107,688	188,928	20,668,090	743,112
Tomato paste, pulp and puree (From April 1, 1934)	8,061,412	379,463	10,016,021	430,054
Vegetables, canned and preserved, n.o.p. ..	3,463,476	216,100	4,574,728	308,283
TOTAL CANNED VEGETABLES	20,707,697	987,541	39,326,309	1,654,479

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Table showing Exports of Canned Fruits and Vegetables, Calendar Years 1934 and 1935. - (Concluded).

	1934		1935	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED FRUITS -				
Pears	10,059,498	626,027	11,402,704	700,430
Apples	7,441,302	326,551	7,472,965	337,390
Other fruits canned or preserved, n.o.p.	7,075,888	469,835	5,880,511	376,414
TOTAL CANNED FRUITS	24,576,688	1,422,413	24,756,180	1,414,234

MEAT CANNING

The canning of meats, an adjunct of the great meat packing industry, is not as extensively carried on in Canada as are other sections of the canned foods group of industries, being more in the nature of a side line of the main industry. The total value of canned meats manufactured in Canada during the year 1935 was \$862,572. Imports of canned meats, poultry and game during the same period amounted to \$534,533, whilst exports of Canadian products totalled \$230,972. Closely allied to the canned meat industry is that of canned soups, the manufacture of which in the year mentioned totalled \$3,978,806, whilst imports were valued at \$5,403 and exports at \$953,598. It is interesting to note that imports of canned soups dropped from \$1,554,100 in 1930 to only \$5,403 in 1935.

CONCENTRATED MILK PRODUCTS

The concentrated milk products industry in Canada dates from 1883 when the first factory was established at Truro, Nova Scotia, by the Reindeer Condensed Milk Company. As the demand for prepared milk grew, other plants were established and other kinds of products added to the output. There are now in Canada twenty-one plants, the list of principal products including condensed milk, evaporated milk, skim milk powder, buttermilk powder and casein.

The value of concentrated milk products in Canadian factories as first reported in the decennial census of 1891 was \$83,000. In 1901 the value had increased to \$269,520, in 1906 to \$855,409 and in 1910 to \$1,814,871. The value of production in recent years as given in the following table shows the rapid advancement made by this industry.

CANNED FOOD PRODUCTION IN CANADA, 1934 and 1935.

Production of Concentrated Milk Products, 1917 to 1935.

<u>Year</u>	<u>Value of Products</u>	<u>Year</u>	<u>Value of Products</u>
	\$		\$
1917	7,308,042	1927	10,186,312
1918	11,218,055	1928	10,176,208
1919	13,930,513	1929	10,498,544
1920	17,160,111	1930	10,040,176
1921	11,526,422	1931	7,067,807
1922	6,839,232	1932	5,952,947
1923	10,040,318	1933	5,536,888
1924	9,710,017	1934	5,991,759
1925	9,844,613	1935	6,849,989
1926	9,601,138		

The value of imports and exports of concentrated milk products is shown for the calendar years 1920 to 1935.

<u>Year</u>	<u>Imports</u>	<u>Exports</u>
	\$	\$
1920	192,273	8,589,330
1921	27,649	5,643,244
1922	113,008	3,135,866
1923	133,845	5,105,293
1924	94,035	5,323,658
1925	53,298	5,110,272
1926	75,984	4,538,939
1927	90,921	4,256,344
1928	72,497	3,497,601
1929	101,206	3,650,117
1930	64,014	2,966,536
1931	77,362	2,099,519
1932	30,339	2,099,119
1933	22,994	2,097,153
1934	25,123	2,209,750
1935	22,318	2,247,075

CONSUMPTION OF CANNED FOODS IN CANADA, 1934 AND 1935.

The value of canned foods available for consumption in Canada for the calendar years 1934 and 1935 is shown by classes in the following summary table. Consumption figures are usually computed by adding together the values of manufactures and imports and deducting therefrom the value of exports.

CANNED FOOD PRODUCTION IN CANADA, 1934 AND 1935.

Consumption of Canned Foods in Canada, 1934 and 1935.

Classes of Canned Foods	Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption		
				Total	Per Capita	
	\$	\$	\$	\$	\$	
Canned fish	1934	14,205,665	713,018	9,129,954	5,788,729	.53
	1935	13,638,127	891,702	10,475,278	4,054,551	.37
Canned fruits	1934	3,509,156	753,052	1,422,413	2,839,795	.26
	1935	4,757,301	1,011,578	1,414,234	4,354,645	.40
Canned vegetables	1934	10,876,830	223,507	987,541	10,112,796	.92
	1935	12,101,138	218,615	1,654,479	10,665,274	.97
Canned meats	1934	791,426	484,530	264,285	1,011,671	.09
	1935	862,572	534,533	230,972	1,166,133	.10
Canned soups	1934	4,947,774	5,413	1,167,742	3,785,445	.34
	1935	3,978,806	5,403	953,598	3,030,611	.27
Other canned foods	1934	2,445,852	-	-	2,445,852	.22
	1935	3,112,009	-	-	3,112,009	.28
Concentrated milk products ...	1934	5,991,759	25,123	2,209,750	3,807,132	.35
	1935	6,849,989	22,318	2,247,075	4,625,232	.42
TOTAL	1934	42,768,462	2,204,643	15,181,685	29,791,420	2.72
	1935	45,299,942	2,684,149	16,975,636	31,008,455	2.81

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