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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

CANNED FOOD PRODUCTION
IN
CANADA
1936



OTTAWA
1938

Price 15 cents

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

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CANNED FOOD PRODUCTION IN CANADA, 1936.

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 nearly \$55,000,000 in 1936. 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 year 1936 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, 1936.

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1936.

	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Gross Value of Production
	No.	\$	No.	\$	\$
<u>1936</u>					
Fish, canned	404	12,775,616	12,046	2,484,489	16,705,722
Fruit and vegetable preparations	304	41,572,514	9,258	6,066,761	47,337,397
Condensed and evaporated milk	22	4,863,960	715	805,576	8,507,836
Meats, canned	18	546,000 ^{1/}	91 ^{1/}	108,000 ^{1/}	1,101,014
TOTAL, 1936	748	59,758,090	22,110	9,484,826	73,651,999
<u>1935</u>					
Fish, canned	407	10,633,018	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	418,943 ^{1/}	74 ^{1/}	87,126 ^{1/}	862,572
TOTAL, 1935	743	54,240,276	19,982	7,958,245	61,735,270

^{1/} Estimated.

CANNED FOOD PRODUCTION IN CANADA, 1936.

Imports and Exports

Imports of canned foods in the calendar year 1936 amounted to \$3,509,349, mostly of fruit and vegetables not grown in Canada by reason of climatic conditions.

Exports of canned foods, the produce of Canada, during 1936 amounted in value to \$15,973,108, of which canned fish totalled \$9,275,885 and concentrated milk products \$1,886,468.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1929 to 1936.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1929 to 1936.

	1929	1930	1931	1932	1933	1934	1935	1936	
	\$	\$	\$	\$	\$	\$	\$	\$	
<u>IMPORTS -</u>									
Canned fish	1,739,193	1,177,029	928,079	671,386	659,554	713,018	891,702	1,202,253	1
Canned fruits	3,172,055	2,954,415	1,678,341	587,903	764,380	753,052	1,011,578	1,337,577	3
Canned vegetables	2,037,391	1,461,185	765,581	298,041	194,596	223,507	218,615	308,403	1
Canned meats and soups.	2,957,522	2,747,849	1,053,685	372,613	411,990	489,943	539,936	625,240	
Concentrated milk products	40,022	42,985	69,049	27,207	22,994	25,123	22,318	35,876	
TOTAL IMPORTS	9,946,183	8,383,463	4,494,735	1,957,150	2,053,514	2,204,343	2,684,149	3,509,349	
<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	9,275,885	
Canned fruits	422,543	250,271	331,091	581,438	897,208	1,422,413	1,414,234	1,145,856	
Canned vegetables	1,272,445	631,015	654,332	580,673	806,895	987,541	1,654,479	1,870,128	
Canned meats and soups.	700,737	797,141	544,725	721,632	937,580	1,432,027	1,184,570	1,794,771	
Concentrated milk products	3,625,361	2,948,246	2,098,025	2,097,899	2,097,153	2,209,750	2,247,075	1,886,468	
TOTAL EXPORTS	19,280,455	15,209,877	13,219,344	11,342,719	12,880,388	15,181,685	16,975,636	15,973,108	

CANNED FOOD PRODUCTION IN CANADA, 1936.

Table 3. - Production of Canned Foods in Canada, 1927 to 1936.

	Unit of Measure	1927		1928	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Case	1,842,672	16,616,458	2,531,075	18,380,344
Canned fruits	"	597,322	2,256,201	1,019,492	3,283,873
Canned vegetables	"	4,478,893	11,397,534	5,484,460	13,699,681
Canned meats	Pound	8,734,823	1,188,961	6,815,051	947,225
Canned soups	Case	304,509	1,014,086	408,245	1,390,612
Other canned foods	"	79,144	300,361	75,361	363,301
Concentrated milk products .	Cwt.	1,051,063	10,003,394	1,024,925	10,096,482
TOTAL	-	-	43,076,995	-	48,161,518
	Unit of Measure	1929		1930	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Case	2,029,415	16,996,478	2,732,983	18,413,477
Canned fruits	"	1,101,188	3,827,027	927,838	3,520,213
Canned vegetables	"	5,626,098	15,223,673	8,750,035	19,459,911
Canned meats	Pound	10,197,431	1,432,524	6,443,349	914,379
Canned soups	Case	556,739	1,893,266	777,269	2,517,813
Other canned foods	"	108,874	471,956	95,486	506,067
Concentrated milk products .	Cwt.	1,060,574	10,288,131	1,077,723	9,793,521
TOTAL	-	-	50,133,055	-	55,125,381
	Unit of Measure	1931		1932	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Case	1,094,532	9,021,461	1,433,021	9,789,254
Canned fruits	"	784,833	2,444,818	1,336,153	3,444,647
Canned vegetables	"	5,991,949	10,943,131	4,229,268	8,296,652
Canned meats	Pound	5,153,019	894,799	3,108,220	685,765
Canned soups	Case	1,085,107	3,497,766	1,094,570	3,408,050
Other canned foods	"	394,753	1,102,982	705,372	1,565,601
Concentrated milk products .	Cwt.	839,943	7,011,710	815,491	5,922,993
TOTAL	-	-	34,916,667	-	33,112,962

CANNED FOOD PRODUCTION IN CANADA, 1936.

Table 3. - Production of Canned Foods in Canada, 1927 to 1936. - (Concluded)

	Unit of Measure	1933		1934	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Case	1,537,991	10,147,138	2,134,549	14,205,665
Canned fruits	"	1,201,275	2,894,951	1,270,628	3,509,156
Canned vegetables	"	4,531,542	8,257,296	6,062,374	10,876,830
Canned meats	Pound	3,142,249	661,248	3,660,878	791,426
Canned soups	Case	1,438,523	4,077,071	2,022,300	4,947,774
Other canned foods	-	-	1,358,605	-	2,445,852
Concentrated milk products	Cwt.	843,994	5,451,656	908,430	5,991,759
TOTAL	-	-	32,847,965	-	42,768,462
	Unit of Measure	1935		1936	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Case	2,106,807	13,638,127	2,566,161	15,564,501
Canned fruits	"	1,825,613	4,757,301	2,052,077	5,318,731
Canned vegetables	"	6,602,822	12,101,138	7,410,145	13,963,401
Canned meats	Pound	4,007,740	862,572	5,036,186	1,101,014
Canned soups	Case	1,603,685	3,978,806	2,583,324	6,256,444
Other canned foods	-	-	3,112,009	-	5,064,541
Concentrated milk products	Cwt.	1,036,030	6,849,989	1,098,143	7,434,896
TOTAL	-	-	45,299,942	-	54,703,528

CANNED FOOD PRODUCTION

Table 4. - Production of

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Fish, canned	Cases	2,566,161	15,564,501	-	-
Salmon	"	1,882,275	11,139,391	-	-
Lobster	"	88,102	2,229,967	-	-
Lobster tomalley	"	6,469	62,106	-	-
Sardines	"	393,854	1,381,228	-	-
Clams	"	30,152	120,877	-	-
Clam chowder	"	175	612	-	-
Quahaugs	"	1,250	7,557	-	-
Herring	"	93,480	345,886	-	-
Halibut	"	75	547	-	-
Haddock	"	12,165	53,533	-	-
Hake and Cusk	"	13,043	56,991	-	-
Pilchards	"	35,007	102,127	-	-
Tuna	"	525	5,700	-	-
Shrimps	"	25	270	-	-
Oysters	"	3,601	21,563	-	-
Mackerel	"	402	1,536	-	-
Scallops	"	34	408	-	-
Cod	"	4,205	18,530	-	-
Crabs	"	1,322	15,672	-	-
Fruits, canned ^{1/}	Cases	2,052,077		1,457,135	
	Pounds	65,646,000	5,318,731	45,451,439	3,945,651
Apples and apple sauce.	Cases	352,618		74,141	
	Pounds	13,142,164	654,811	2,712,878	135,166
Apricots	Cases	63,835			
	Pounds	1,919,830	194,603	(2)	(2)
Blueberries	Cases	41,904			
	Pounds	1,196,804	88,649	(2)	(2)
Cherries	Cases	128,997		117,277	
	Pounds	4,030,197	330,809	3,644,013	291,158
Loganberries	Cases	42,246		-	-
	Pounds	1,314,184	120,791	-	-
Peaches	Cases	438,671		406,325	
	Pounds	12,774,939	1,274,251	11,804,978	1,176,414
Pears	Cases	709,629		646,579	
	Pounds	23,194,720	1,850,165	21,105,961	1,660,873
Plums, gages, etc.	Cases	79,713		35,971	
	Pounds	2,441,780	155,154	1,110,210	65,884
Raspberries	Cases	43,375		31,973	
	Pounds	1,264,147	144,127	922,583	101,179
Rhubarb	Cases	10,549		7,965	
	Pounds	424,793	16,236	324,582	13,187
Strawberries	Cases	37,341		24,353	
	Pounds	1,083,918	127,744	702,659	79,939

IN CANADA, 1936.

Canned Foods, by Provinces, 1936.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
8,216	198,137	1,985,245	11,483,491	572,700	3,882,873
415	2,490	1,881,026	11,128,636	834	8,265
7,639	194,005	-	-	80,463	2,035,962
128	1,234	-	-	6,341	60,872
-	-	-	-	393,854	1,381,228
-	-	12,579	60,127	17,573	60,750
-	-	-	-	175	612
-	-	-	-	1,250	7,557
-	-	51,695	155,336	41,785	190,550
-	-	-	-	75	547
-	-	-	-	12,165	53,533
-	-	-	-	13,043	56,991
-	-	35,007	102,127	-	-
-	-	-	-	525	5,700
-	-	25	270	-	-
-	-	3,601	21,563	-	-
-	-	-	-	402	1,536
34	408	-	-	-	-
-	-	-	-	4,205	18,530
-	-	1,312	15,432	10	240
10,498	-	354,829	-	229,615	-
281,014	19,286	11,525,971	919,536	8,387,576	434,258
-	-	88,097	-	190,380	-
-	-	3,216,829	155,350	7,212,457	334,295
-	-	56,559	-	-	-
-	-	1,680,080	166,762	-	-
10,498	-	-	-	25,682	-
281,014	19,286	-	-	764,277	56,240
-	-	11,720	-	-	-
-	-	386,184	39,651	-	-
-	-	42,246	-	-	-
-	-	1,314,184	120,791	-	-
-	-	32,346	-	-	-
-	-	969,961	97,837	-	-
-	-	54,333	-	3,717	-
-	-	1,821,802	161,290	266,957	28,002
-	-	42,117	-	1,625	-
-	-	1,280,188	86,020	51,382	3,250
-	-	11,157	-	245	-
-	-	334,496	42,027	7,068	921
-	-	2,584	-	-	-
-	-	100,211	3,049	-	-
-	-	10,022	-	2,966	-
-	-	295,824	36,255	85,435	11,550

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Fruits, canned ^{1/} -(Concl'd.)					
Other small fruits	Cases	5,648	-	-	-
	Pounds	126,212	10,504	-	-
All other fruits ^{3/}	Cases	99,551	-	112,551	-
	Pounds	2,732,312	350,887	3,123,575	391,851
Vegetables, canned ^{1/}	Cases	7,410,145	-	4,354,443	-
	Pounds	251,070,308	13,963,401	145,514,388	8,221,106
Asparagus	Cases	128,416	-	112,051	-
	Pounds	2,884,068	472,851	2,400,366	384,520
Beans, green or wax	Cases	436,030	-	30,137	-
	Pounds	13,327,655	764,450	912,354	60,540
Beans, baked	Cases	1,636,750	-	1,023,902	-
	Pounds	55,274,120	3,005,838	32,384,683	1,785,203
Beets	Cases	50,983	-	45,014	-
	Pounds	1,495,898	95,466	1,308,344	82,167
Carrots	Cases	18,129	-	17,140	-
	Pounds	493,536	34,541	450,711	30,443
Carrots and peas combined	Cases	37,857	-	(4)	(4)
	Pounds	1,024,567	84,818	(4)	(4)
Corn, cream of	Cases	1,203,231	-	808,202	-
	Pounds	35,949,680	2,192,882	24,130,991	1,547,570
Corn on the cob	Cases	25,994	-	(4)	(4)
	Pounds	958,601	76,943	(4)	(4)
Peas	Cases	1,537,983	-	709,565	-
	Pounds	46,546,322	3,020,767	21,004,387	1,462,441
Pumpkin	Cases	122,873	-	97,689	-
	Pounds	5,090,347	198,975	4,076,199	159,488
Spinach	Cases	40,707	-	25,700	-
	Pounds	1,243,235	97,582	742,789	57,018
Tomatoes	Cases	2,142,148	-	1,465,230	-
	Pounds	85,951,174	3,836,638	57,506,357	2,591,224
All other vegetables ...	Cases	29,044	-	19,813	-
	Pounds	831,105	81,650	597,207	60,492
Other Canned Foods	Pounds	159,250,390	12,421,999	135,754,191	10,018,173
Meats, canned	Pounds	5,036,186	1,101,014	332,116	68,960
Poultry, canned	Pounds	891,813	364,544	373,265	179,435
Soups, canned	Cases	2,583,324	-	2,283,899	-
	Pounds	71,837,685	6,256,444	60,905,488	5,541,803
Macaroni and spaghetti, canned	Cases	282,205	-	187,097	-
	Pounds	8,746,469	672,780	5,746,024	489,449
Tomato juice	Cases	1,585,067	-	1,495,129	-
	Pounds	46,415,346	2,344,764	43,325,896	2,154,526
Tomato paste and puree .	Cases	198,750	-	191,737	-
	Pounds	8,206,300	379,290	7,928,276	371,209

IN CANADA, 1936.

Foods, by Provinces, 1936. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
-	-	3,648	-	-	-
-	-	126,212	10,504	-	-
-	-	-	-	-	-
-	-	-	-	-	-
1,986,645	-	872,334	-	196,723	-
67,048,011	3,429,651	52,215,591	1,965,537	6,292,318	347,107
-	-	15,854	-	-	-
-	-	468,372	85,831	(4)	(4)
287,523	-	90,124	-	28,246	-
8,839,815	460,471	2,740,128	194,055	835,358	49,384
509,376	-	81,127	-	22,345	-
18,595,385	938,979	3,567,169	232,896	726,883	48,760
-	-	3,879	-	-	-
-	-	125,036	9,517	(4)	(4)
-	-	(4)	(4)	-	-
-	-	(4)	(4)	-	-
-	-	(4)	(4)	-	-
298,735	-	(4)	(4)	-	-
8,886,313	477,977	(4)	(4)	(4)	(4)
(4)	(4)	-	-	-	-
560,586	-	194,190	-	73,642	-
13,983,646	997,570	6,078,255	433,582	2,480,034	127,174
(4)	(4)	6,588	-	-	-
-	-	266,077	11,686	(4)	(4)
-	-	12,731	-	-	-
-	-	432,166	34,874	(4)	(4)
296,538	-	379,964	-	-	-
12,478,096	481,002	15,954,241	763,518	(4)	(4)
33,887	-	87,877	-	72,490	-
1,264,756	73,652	2,584,147	199,578	2,250,043	121,789
10,174,310	795,983	7,098,754	705,584	6,223,135	902,259
818,411	238,672	1,289,343	234,338	2,596,316	559,044
(5)	(5)	(5)	(5)	424,160	147,342
212,250	-	-	-	-	-
8,171,821	436,404	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)
18,033	-	71,905	-	-	-
623,119	30,775	2,466,331	159,463	-	-
-	-	7,013	-	-	-
-	-	278,024	8,081	-	-

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Tomato pulp	Cases	278,766		269,627	
	Pounds	10,888,530	550,203	10,522,867	539,858
Foods prepared for infants	Cases	228,370		222,382	
	Pounds	1,742,346	424,677	1,701,925	413,943
Sauerkraut	Cases	68,321		68,321	
	Pounds	3,043,600	120,005	3,043,600	120,005
Apple pie filling	Cases	33,265		33,265	
	Pounds	1,168,169	83,321	1,168,169	83,321
All other canned goods	Pounds	1,273,946	124,957	706,565	55,664
Concentrated Milk Products	Pounds	109,814,325	7,434,896	82,846,396	5,757,026
Condensed milk -					
Case goods	Pounds	4,767,466	466,824	4,221,237	423,042
Bulk goods	"	3,219,227	257,351	3,213,262	256,882
Evaporated milk -					
Case goods	"	70,963,630	4,580,829	50,141,117	3,287,780
Bulk goods	"	110,934	5,009	110,934	5,009
Whole milk powder	"	2,735,745	351,890	2,732,940	351,197
Cream powder	"	45,244	15,403	45,244	15,403
Condensed coffee	"	85,860	11,006	-	-
Condensed skim milk ..	"	4,515,713	233,402	4,235,676	223,921
Evaporated skim milk ..	"	185,655	4,889	185,655	4,889
Skim milk powder	"	13,529,782	1,237,059	15,003,877	997,597
Condensed buttermilk ..	"	921,783	21,594	213,800	10,048
Buttermilk powder	"	2,210,953	103,936	1,759,687	85,400
Sugar of milk	"	186,423	11,186	186,423	11,186
Casein	"	1,335,910	134,518	796,544	84,672
TOTAL VALUE OF CANNED GOODS			54,703,528		27,941,956

- 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 "all other canned goods".

IN CANADA, 1936.

Foods in Canada, 1936. - (Concluded)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
(5)	(5)	(5)	(5)	-	-
(5)	(5)	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
560,959	90,132	3,065,056	303,702	3,202,659	195,873
2,063,682	81,462	19,866,541	1,304,013	5,037,706	292,395
-	-	-	-	546,229	43,782
5,965	469	-	-	-	-
-	-	17,109,792	1,088,763	3,712,721	204,286
-	-	-	-	-	-
-	-	2,805	693	-	-
-	-	-	-	-	-
-	-	-	-	85,860	11,006
280,037	9,481	-	-	-	-
-	-	-	-	-	-
903,691	45,900	2,281,387	173,385	340,827	20,177
667,085	10,000	40,898	1,546	-	-
99,197	5,392	-	-	352,069	13,144
-	-	-	-	-	-
107,707	10,220	431,659	39,626	-	-
-	4,524,519	-	16,378,161	-	5,858,892

CANNED FOOD PRODUCTION IN CANADA, 1936.

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 1936 the pack amounted to 1,882,275 cases valued at \$11,139,391.

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 1936.

Year	Cases No.	Year	Cases 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, 1936.

Annual Pack of Salmon, 1876 to 1936. - (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
		1936	1,882,275

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 1936. Prince Edward Island with 84 factories produced 22,345 cases valued at \$563,286. Nova Scotia with 76 factories produced 37,690 cases valued at \$960,621. New Brunswick with 80 factories produced 20,428 cases valued at \$512,055, and Quebec with 64 factories produced 7,639 cases valued at \$194,005, or a total pack in 1936 of 88,102 cases valued at \$2,229,967. 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 1936.

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, 1936.

Annual Pack of Lobsters, 1897 to 1936. - (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	1936	88,102

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 1936 amounted to 393,854 cases valued at \$1,381,228. The remainder of the catch -- 159,715 barrels, valued at \$217,334 -- was sold as fresh and salted, and went chiefly to United States' factories for canning. The imports of canned sardines in 1936 amounted to \$368,628 and came principally from Norway. Exports to the value of \$471,819 were reported in 1936, 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 1936.

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	1936	393,854

CANNED FOOD PRODUCTION IN CANADA, 1936.

Clam and Other Canneries: - There is also a considerable pack of fish of other varieties, the principal items in 1936 being: herring with 93,480 cases valued at \$345,886, clams and quahaugs 31,402 cases worth \$128,434, haddock 12,165 cases valued at \$53,533, pilchards 35,007 cases worth \$102,127, and miscellaneous kinds of canned fish 23,232 cases valued at \$121,217. The exports of some of these kinds in 1936 were as follows: herring \$99,068, pilchards \$57,315, and clams \$2,068. A statement showing the quantity of clams and quahaugs packed annually since 1917 is herewith presented.

Annual Pack of Clams and Quahaugs, 1917 to 1936.

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	1936	31,402

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 1936 consisted of 2,052,077 cases of fruits and 7,410,145 cases of vegetables, valued at \$5,318,731 and \$13,963,401 respectively. Of the canned vegetables packed, tomatoes ranked first with 2,142,148 cases. Baked beans with 1,636,750 cases came next, followed in order by peas with 1,537,983 cases, cream of corn, 1,203,231 cases, green or wax beans, 436,030 cases, etc. Of the fruits canned, pears came first with 709,629 cases, followed by peaches with 438,671 cases, apples and apple sauce, 352,618 cases, cherries, 128,997 cases, plums, 79,713 cases, etc. Other important canned products are soups of all kinds, 2,583,324 cases and tomato juice, 1,585,067 cases.

CANNED FOOD PRODUCTION IN CANADA, 1936.

Table showing Imports of Canned Fruits and Vegetables,
Calendar Years 1936 and 1935.

	1936		1935	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
CANNED VEGETABLES -				
Asparagus	350,782	49,376	169,108	28,074
Beans, baked	325,961	19,558	118,252	7,349
Corn	65,278	3,364	31,949	1,521
Peas	78,146	6,353	62,795	3,827
Tomatoes	1,558,142	112,827	590,909	65,122
Mushrooms and truffles ...	263,149	50,912	258,720	44,013
All other vegetables	1,011,679	66,013	971,324	68,709
TOTAL CANNED VEGETABLES.	3,653,137	308,403	2,203,057	218,615
CANNED FRUITS -				
Peaches and apricots	4,719,221	313,863	3,550,889	239,485
Pears	400,519	27,328	212,216	14,806
Pineapple	26,205,704	907,082	21,339,540	695,235
All other fruits	1,257,979	89,304	793,397	62,052
TOTAL CANNED FRUITS	32,583,423	1,337,577	25,896,042	1,011,578

Table showing Exports of Canned Fruits and Vegetables,
Calendar Years 1936 and 1935.

	1936		1935	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
CANNED VEGETABLES -				
Beans	8,960,483	342,830	4,067,470	173,030
Tomatoes	15,919,266	632,876	20,668,090	743,112
Tomato paste, pulp and puree	13,476,488	578,056	10,016,021	430,054
Vegetables canned or preserved, n.o.p. ...	4,390,785	316,366	4,574,728	308,283
TOTAL CANNED VEGETABLES	42,747,022	1,870,128	39,326,309	1,654,479

CANNED FOOD PRODUCTION IN CANADA, 1936.

Table showing Exports of Canned Fruits and Vegetables, Calendar Years 1936 and 1935. - (Concluded)

	1936		1935	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
CANNED FRUITS --				
Pears	6,670,627	440,371	11,402,704	700,430
Apples	6,884,787	321,479	7,472,965	337,390
Other fruits canned or preserved, n.o.p. ...	4,916,304	384,006	5,880,511	376,414
TOTAL CANNED FRUITS .	18,471,718	1,145,856	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 1936 was \$1,101,014. Imports of canned meats, poultry and game during the same period amounted to \$618,335, whilst exports of Canadian products totalled \$242,128. Closely allied to the canned meat industry is that of canned soups, the manufacture of which in the year mentioned totalled \$6,256,444, whilst imports were valued at \$6,905 and exports at \$1,552,643. It is interesting to note that imports of canned soups dropped from \$1,554,100 in 1930 to only \$6,905 in 1936.

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, 1936.

Production of Concentrated Milk Products, 1917 to 1936.

Year	Value of Products	Year	Value of Products
	\$		\$
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	1936	7,434,896

The value of imports and exports of concentrated milk products is shown for the calendar years 1920 to 1936.

<u>Year</u>	<u>Imports</u>	<u>Exports</u>
	\$	\$
1920	192,273	8,589,330
1921	27,649	5,343,244
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
1936	35,876	1,886,468

CONSUMPTION OF CANNED FOODS IN CANADA, 1936.

The value of canned foods available for consumption in Canada for the calendar years 1935 and 1936 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, 1936.

Consumption of Canned Foods in Canada, 1935 and 1936.

Classes of Canned Foods		Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption	
					Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish	1935	13,638,127	891,702	10,475,278	4,054,551	.37
	1936	15,564,501	1,202,253	9,275,885	7,490,869	.68
Canned fruits	1935	4,757,301	1,011,578	1,414,234	4,354,645	.40
	1936	5,318,731	1,337,577	1,145,856	5,510,452	.50
Canned vegetables	1935	12,101,138	218,615	1,654,479	10,665,274	.97
	1936	13,963,401	308,403	1,870,128	12,401,676	1.12
Canned meats	1935	862,572	534,533	230,972	1,166,133	.10
	1936	1,101,014	618,335	242,128	1,477,221	.13
Canned soups	1935	3,978,806	5,403	953,598	3,030,611	.27
	1936	6,256,444	6,905	1,552,643	4,710,706	.43
Other canned foods	1935	3,112,009	-	-	3,112,009	.28
	1936	5,064,541	-	-	5,064,541	.46
Concentrated milk products	1935	6,849,989	22,318	2,247,075	4,625,232	.42
	1936	7,434,896	35,876	1,886,468	5,584,304	.51
TOTAL	1935	45,299,942	2,684,149	16,975,636	31,008,455	2.81
	1936	54,703,528	3,509,349	15,973,108	42,239,769	3.83

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