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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**CENSUS OF INDUSTRY**

**GENERAL MANUFACTURES BRANCH**

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**CANNED FOOD PRODUCTION**

**IN**

**CANADA**

**1940**

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**OTTAWA  
1943**

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, 1940.

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 \$74,500,000 in 1940. 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 is also protected by the inspection services of the Department of Agriculture and the Department of Fisheries, Ottawa.

The principal statistics of establishments primarily employed in the production of canned foods during the year 1940 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, 1940.

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1939 and 1940.

	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Gross Value of Production 2/
	No.	\$	No.	\$	\$
<u>1939</u>					
Fish, canned.....	315	15,197,469	11,429	2,667,887	18,220,225
Fruit and vegetable preparations	333	45,875,538	9,828	7,196,036	55,164,957
Condensed and evaporated milk...	23	6,060,321	854	921,188	13,251,024
Meats, canned.....	24	679,000 1/	126 1/	176,000 1/	1,742,142
<b>TOTAL, 1939.....</b>	<b>695</b>	<b>67,812,828</b>	<b>22,257</b>	<b>10,361,111</b>	<b>38,973,249</b>
<u>1940</u>					
Fish, canned.....	225	15,164,679	11,247	3,251,368	21,482,774
Fruit and vegetable preparations	367	49,752,245	10,474	7,942,322	55,179,652
Condensed and evaporated milk...	25	6,292,142	895	1,032,829	16,144,185
Meats, canned.....	22	639,000 1/	119 1/	170,000 1/	1,818,002
<b>TOTAL, 1940.....</b>	<b>639</b>	<b>71,850,066</b>	<b>22,735</b>	<b>12,397,129</b>	<b>94,625,613</b>

1/ Estimated.

2/ Includes canned goods as well as all the products manufactured by these industries. For production of canned goods only see table 3.

CANNED FOOD PRODUCTION IN CANADA, 1940.

Imports and Exports

Imports of canned foods in the calendar year 1940 amounted to \$2,658,145, mostly of fruit and vegetables not grown in Canada by reason of climatic conditions.

Exports of canned foods, the produce of Canada during 1940 amounted in value to \$22,125,963, of which canned fish totalled \$11,639,050, canned meats and soups \$1,587,385, and concentrated milk products \$4,298,778.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1933 to 1940.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1933 to 1940.

	1933	1934	1935	1936	1937	1938	1939	1940
	\$	\$	\$	\$	\$	\$	\$	\$
<u>IMPORTS -</u>								
Canned fish.....	359,554	713,018	891,702	1,202,253	1,002,585	1,089,856	1,300,158	881,100
Canned fruits.....	764,380	753,052	1,011,578	1,337,577	1,114,159	879,153	1,108,515	1,231,953
Canned vegetables.....	194,596	223,507	218,615	308,403	259,707	269,496	316,232	511,464
Canned meats and soups...	411,990	489,943	539,936	625,240	660,539	663,276	1,015,556	853,146
Concentrated milk products	22,994	25,123	22,318	35,876	115,683	31,188	73,601	180,499
<b>TOTAL IMPORTS.....</b>	<b>2,053,514</b>	<b>2,204,643</b>	<b>2,684,149</b>	<b>3,509,349</b>	<b>3,152,673</b>	<b>2,932,969</b>	<b>3,814,062</b>	<b>2,658,145</b>
<u>EXPORTS</u>								
Canned fish.....	3,141,552	9,129,954	10,475,278	9,275,885	10,308,818	10,021,035	11,548,982	11,639,050
Canned fruits.....	897,208	1,422,413	1,414,234	1,145,353	1,802,501	2,000,446	2,039,738	1,832,695
Canned vegetables.....	306,895	608,078	1,224,425	1,292,072	2,330,533	2,221,353	2,303,919	2,533,821
Canned meats and soups...	937,580	1,432,027	1,184,570	1,794,771	1,994,903	2,362,148	4,432,127	1,587,385
Other canned foods.....	-	-	-	-	-	330,091	1,330,244	204,234
Concentrated milk products	2,097,153	2,209,750	2,247,075	1,836,468	3,174,594	3,456,393	3,295,009	4,298,778
<b>TOTAL EXPORTS.....</b>	<b>12,880,388</b>	<b>15,191,685</b>	<b>16,975,636</b>	<b>15,973,108</b>	<b>19,918,349</b>	<b>21,012,004</b>	<b>26,603,049</b>	<b>22,125,963</b>

CANNED FOOD PRODUCTION IN CANADA, 1940.

Table 3. - Production of Canned Foods in Canada, 1929 to 1940.

	Unit of Measure	1929		1930	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pound	89,840,223	16,996,478	125,565,710	18,413,477
Canned fruits.....	Case	1,101,188	3,327,027	927,833	3,520,213
Canned vegetables.....	Case	5,623,098	15,223,673	3,750,035	19,459,911
Canned meats.....	Pound	10,197,431	1,432,524	3,443,349	914,379
Canned soups.....	Case	553,739	1,393,266	777,239	2,517,313
Other canned foods.....	Case	103,874	471,956	95,483	503,037
Concentrated milk products..	Cwt.	1,030,574	10,233,131	1,077,723	9,792,521
TOTAL.....	-	-	50,123,055	-	55,125,361

	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pound	47,379,576	9,021,431	56,161,477	9,799,254
Canned fruits.....	Case	734,333	2,444,913	1,336,153	3,444,347
Canned vegetables.....	Case	5,991,949	10,943,131	4,229,238	3,296,352
Canned meats.....	Pound	5,153,019	394,799	3,108,220	635,735
Canned soups.....	Case	1,035,107	3,497,733	1,694,570	3,408,050
Other canned foods.....	Case	394,753	1,192,932	703,272	1,565,601
Concentrated milk products..	Cwt.	339,943	7,011,710	315,491	5,922,993
TOTAL.....	-	-	24,316,637	-	23,112,962

	Unit of Measure	1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pound	74,469,837	10,147,133	95,332,259	14,203,835
Canned fruits.....	Case	1,201,275	2,894,951	1,270,623	3,509,153
Canned vegetables.....	Case	4,531,542	3,257,296	3,062,274	10,876,350
Canned meats.....	Pound	3,142,249	331,243	3,630,273	791,423
Canned soups.....	Case	1,433,523	4,077,071	2,022,300	4,947,774
Other canned foods.....	Case	-	1,358,605	-	2,445,852
Concentrated milk products..	Cwt.	843,994	5,451,656	903,430	5,391,759
TOTAL.....	-	-	22,847,965	-	42,733,432

CANNED FOOD PRODUCTION IN CANADA, 1940.

Table 3 - Production of Canned Foods in Canada, 1929 to 1940 - (Concluded).

	Unit of Measure	1935		1936	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish.....	Pound	93,342,708	13,638,127	114,117,086	15,534,501
Canned fruits.....	Case	1,325,613	4,757,301	2,052,077	5,318,731
Canned vegetables.....	Case	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.	1,036,020	3,849,989	1,098,143	7,434,896
<b>TOTAL.....</b>	<b>-</b>	<b>-</b>	<b>45,299,942</b>	<b>-</b>	<b>54,702,528</b>
		1937		1938	
	Unit of Measure	Quantity	Value	Quantity	Value
		\$		\$	
Canned fish.....	Pound	96,719,995	13,619,603	107,534,455	13,237,611
Canned fruits.....	Case	2,120,413	5,251,981	2,018,554	4,556,282
Canned vegetables.....	Case	9,611,050	17,117,580	8,710,103	14,519,963
Canned meats.....	Pound	6,095,546	1,318,300	5,095,300	1,133,206
Canned soups.....	Case	2,426,739	6,021,687	3,125,432	7,742,625
Other canned foods.....	-	-	3,733,259	-	3,737,601
Concentrated milk products	Cwt.	1,573,993	10,078,132	1,579,239	11,344,817
<b>TOTAL.....</b>	<b>-</b>	<b>-</b>	<b>62,194,905</b>	<b>-</b>	<b>64,837,105</b>
		1939		1940	
	Unit of Measure	Quantity	Value	Quantity	Value
		\$		\$	
Canned fish.....	Pound	103,893,332	15,478,961	132,124,047	17,873,373
Canned fruits.....	Case	3,547,542	7,739,005	5,221,419 <sup>1/</sup>	3,740,876
Canned vegetables.....	Case	7,615,449	14,523,671	13,972,399 <sup>1/</sup>	16,812,119
Canned meats.....	Pound	7,387,228	1,743,227	3,123,105	1,813,757
Canned soups.....	Case	3,510,319	3,259,222	7,874,769 <sup>1/</sup>	6,912,546
Other canned foods.....	-	-	9,117,941	-	3,328,268
Concentrated milk products	Cwt.	1,330,425	11,575,971	-	14,478,543
<b>TOTAL.....</b>	<b>-</b>	<b>-</b>	<b>69,466,998</b>	<b>-</b>	<b>74,464,435</b>

1/ Canned fruits and vegetables are now reported in doz. cans instead of cases.

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Fish, canned 1/.....	Cases	2,994,241	17,875,375	-	-
Haddock.....	"	37,738	130,127	-	-
Herring.....	"	302,152	2,946,779	-	-
Sardines.....	"	504,140	1,713,303	-	-
Pilchards.....	"	59,133	201,526	-	-
Salmon.....	"	1,471,435	11,437,030	-	-
Tuna.....	"	455	4,123	-	-
Clams and Quahaugs..	"	3,31,238	151,044	-	-
Clam chowder.....	"	424	2,108	-	-
Crabs.....	"	3,800	57,932	-	-
Lobsters.....	"	53,996	1,036,577	-	-
Lobster tomalley....	"	3,613	33,612	-	-
Oysters.....	"	2,346	14,637	-	-
All other canned fish	"	13,333	93,372	-	-
Fruits, canned 7/....	Doz.cans	5,221,419	-	3,422,711	-
	Pounds	102,453,862	6,740,373	46,316,373	3,904,907
Apples, including crabapples.....	Doz.cans	813,113	-	13,512	-
	Pounds	43,322,643	1,701,657	1,027,556	42,659
Apple sauce.....	Doz.cans	325,554	-	61,133	-
	Pounds	3,390,143	304,319	718,787	45,779
Apricots.....	Doz.cans	213,767	-	(1)	-
	Pounds	2,794,433	323,229	(1)	(1)
Blackberries.....	Doz.cans	4,031	-	-	-
	Pounds	75,318	7,473	-	-
Blueberries.....	Doz.cans	26,977	-	-	-
	Pounds	750,430	45,321	-	-
Cherries.....	Doz.cans	133,023	-	143,222	-
	Pounds	3,501,324	246,739	2,210,764	203,231
Loganberries.....	Doz.cans	33,110	-	-	-
	Pounds	495,950	43,982	-	-
Peaches.....	Doz.cans	1,475,393	-	1,352,924	-
	Pounds	10,510,573	1,723,629	17,850,448	1,552,630
Pears, Bartlett.....	Doz.cans	335,512	-	233,323	-
	Pounds	4,324,339	473,946	3,237,099	324,311
Pears, Keiffer.....	Doz.cans	1,017,414	-	300,534	-
	Pounds	13,009,025	923,733	11,421,393	803,003
Plums, gages, etc...	Doz.cans	390,174	-	213,413	-
	Pounds	4,093,397	276,818	3,037,842	189,131
Raspberries.....	Doz.cans	151,057	-	114,304	-
	Pounds	3,052,205	218,714	1,502,270	153,772



IN CANADA, 1940.

Foods, by Provinces, 1940.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
5,949	92,584	2,284,836	14,444,504	703,456	3,336,233
-	-	-	-	37,788	130,127
-	-	727,292	2,619,639	74,369	327,140
-	-	-	-	504,140	1,713,203
-	-	59,163	201,323	-	-
433	3,076	1,470,425	11,427,923	522	6,031
-	-	45	567	410	3,559
4	20	7,151	40,568	24,133	110,456
-	-	-	-	424	2,108
-	-	3,794	57,324	6	103
5,012	36,556	-	-	53,984	950,021
57	510	-	-	3,556	23,302
-	-	2,346	14,637	-	-
333	2,422	14,617	81,320	3,633	14,630
25,357	-	665,717	-	1,107,634	-
347,999	34,342	10,130,733	969,745	45,633,402	1,231,832
-	-	18,160	-	781,441	-
-	-	1,246,803	59,420	41,548,284	1,599,373
-	-	-	-	(3)	-
-	-	-	-	(3)	(3)
-	-	129,707	-	-	-
-	-	1,672,919	193,095	-	-
-	-	4,031	-	-	-
-	-	75,918	7,473	-	-
(2)	-	-	-	12,111	-
(2)	(2)	-	-	534,379	23,352
-	-	12,301	-	-	-
-	-	290,360	38,438	-	-
-	-	33,110	-	-	-
-	-	495,950	43,932	-	-
-	-	122,433	-	-	-
-	-	1,660,150	173,939	-	2
-	-	75,932	-	(	-
-	-	1,233,559	123,451	( 39,753	-
-	-	112,874	-	( 479,057	34,960
-	-	1,412,251	103,955	(	-
-	-	78,019	-	5,737	-
-	-	352,011	33,220	73,544	4,467
(2)	-	30,153	-	-	-
(2)	(2)	470,735	55,042	-	-

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 7/ - (Concl'd.)					
Rhubarb.....	Dbz.cans	3,956	-	3,689	-
	Pounds	299,099	3,207	279,954	3,532
Strawberries.....	Doz.cans	100,874	-	59,950	-
	Pounds	1,333,333	157,200	793,041	36,224
Other small fruits.....	Doz.cans	830	-	-	-
	Pounds	45,366	3,651	-	-
All other fruits.....	Doz.cans	256,534	-	323,166	-
	Pounds	3,110,272	369,669	4,157,514	495,540
Vegetables, canned 7/.....					
	Doz.cans	13,972,699	-	10,901,197	-
	Pounds	235,330,938	16,812,119	157,830,960	3,628,269
Asparagus.....	Doz.cans	364,551	-	308,398	-
	Pounds	3,676,566	534,749	3,186,742	461,136
Beans, green or wax.....	Doz.cans	1,296,561	-	100,030	-
	Pounds	13,043,670	1,103,752	1,435,229	35,307
Beans, baked, etc.....	Doz.cans	4,642,838	-	2,322,408	-
	Pounds	50,925,477	3,352,183	33,193,017	2,332,621
Beets.....	Doz.cans	204,535	-	172,514	-
	Pounds	2,720,763	175,840	2,264,392	143,602
Carrots.....	Doz.cans	115,052	-	96,203	-
	Pounds	1,509,539	83,143	1,272,394	67,621
Carrots and peas combined..	Doz.cans	142,411	-	50,474	-
	Pounds	1,723,398	120,633	637,272	54,562
Corn on the cob.....	Doz.cans	35,517	-	(4)	-
	Pounds	459,335	42,377	(4)	(4)
Corn, cream, whole grain etc.....	Doz.cans	1,715,342	-	1,004,798	-
	Pounds	21,259,420	1,454,938	12,141,258	855,405
Mixed vegetables.....	Doz.cans	119,741	-	-	-
	Pounds	1,723,343	111,699	-	-
Mushrooms.....	Doz.cans	44,420	-	12,453	-
	Pounds	379,092	72,949	105,927	23,572
Peas.....	Doz.cans	5,193,367	-	3,194,787	-
	Pounds	70,527,333	4,443,779	42,426,014	2,673,054
Pumpkin.....	Doz.cans	173,435	-	105,431	-
	Pounds	3,646,942	152,004	2,213,832	93,573
Spinach.....	Doz.cans	133,009	-	121,495	-
	Pounds	2,023,133	142,024	1,675,390	117,066
Tomatoes.....	Doz.cans	4,776,440	-	2,685,147	-
	Pounds	96,666,005	4,494,536	56,900,567	2,623,310
All other vegetables.....	Doz.cans	4,350	-	27,053	-
	Pounds	60,273	4,345	316,275	31,933

IN CANADA, 1940.

Foods, by Provinces, 1940. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
(3)	-	(3)	-	-	-
(3)	(3)	(3)	(3)	-	-
(2)	-	33,120	-	4,004	-
(2)	(2)	439,913	53,373	54,774	6,993
25,233	-	880	-	-	-
340,003	34,039	45,363	3,351	-	-
91	-	7,404	-	234,533	-
7,091	273	34,363	12,373	3,173,371	159,232
4,334,433	-	2,079,341	-	997,133	-
30,520,532	4,177,499	33,433,451	2,109,734	13,575,995	336,537
(4)	-	52,553	-	-	-
(4)	(4)	457,424	68,213	-	-
634,305	-	323,291	-	208,935	-
9,406,544	513,407	4,377,773	319,324	2,774,133	169,714
1,574,236	-	135,323	-	30,396	-
24,314,283	1,253,527	1,905,448	121,499	1,212,724	89,539
(4)	-	11,640	-	16,359	-
(4)	(4)	135,914	12,650	219,332	15,529
10,453	-	(4)	-	4,491	-
134,425	11,048	(4)	(4)	61,246	3,122
(4)	-	73,545	-	-	-
(4)	(4)	912,133	73,033	-	-
11,899	-	-	-	-	-
172,531	13,535	-	-	-	-
371,117	-	(3)	-	-	-
4,333,533	304,330	(3)	(4)	-	-
35,333	-	(3)	-	-	-
1,235,331	73,130	(3)	(4)	-	-
-	-	(5)	-	-	-
-	-	(5)	(4)	-	-
1,243,405	-	345,434	-	414,711	-
13,574,340	1,010,609	3,232,541	377,642	5,593,393	377,474
11,334	-	37,131	-	(4)	-
253,239	9,765	723,800	33,236	(4)	(4)
(4)	-	11,251	-	-	-
(4)	(4)	231,304	19,730	-	-
1,003,373	-	331,359	-	-	-
21,244,432	955,239	13,503,511	910,055	-	-
13,075	-	172,319	-	271,771	-
140,534	17,259	2,143,550	173,772	3,714,617	231,139

CANNED FOOD PRODUCTION

Table 4. - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Other Canned Foods -					
Soups, all kinds.....	Doz.cans	7,874,789	-	6,321,595	-
	Pounds	71,110,312	6,912,546	55,217,633	5,315,303
Meats.....	Pounds	9,123,105	1,818,757	1,317,630	238,110
Poultry.....	Pounds	392,170	222,309	353,335	120,422
Spaghetti and macaroni.	Doz.cans	1,212,135	-	907,735	-
	Pounds	11,530,405	1,093,716	7,367,152	340,203
Tomato juice.....	Doz.cans	3,012,943	-	2,599,957	-
	Pounds	47,593,603	2,207,338	42,137,105	1,911,833
Tomato paste and puree, canned.,.....	Doz.cans	119,150	-	63,083	-
	Pounds	3,564,537	433,903	3,245,035	353,233
Tomato pulp, canned....	Doz.cans	200,977	-	197,311	-
	Pounds	20,532,264	790,357	20,004,233	770,057
Tomato pulp, other.....	Pounds	4,114,033	32,312	2,329,590	67,339
Tomato catsup, canned..	Doz.cans	210,450	-	52,737	-
	Pounds	5,413,034	467,523	2,342,433	232,264
Tomato catsup, other...	Pounds	14,633,633	2,019,711	11,315,633	1,803,943
Paste, meat, chicken and fish.....	Doz.cans	515,931	-	15,435	-
	Pounds	1,330,173	390,925	63,343	15,395
Prepared foods for infants.....	Doz.cans	622,973	-	622,973	-
	Pounds	2,370,009	491,742	2,370,009	491,742
Ready dinners, stews, etc.....	Doz.cans	316,945	-	132,373	-
	Pounds	3,493,417	404,273	1,316,979	132,073
Sauerkraut, canned....	Doz.cans	173,495	-	173,495	-
	Pounds	3,729,233	170,623	3,729,233	170,623
Sauerkraut, other.....	Pounds	150,350	4,314	140,350	3,334
Pie filling, apple.....	Pounds	2,096,933	133,137	2,072,933	123,737
Pie filling, other.....	Pounds	794,570	30,311	702,570	73,331
Apple juice, canned....	Doz.cans	314,233	-	430,329	-
	Pounds	14,121,731	650,914	7,341,631	333,177
Apple juice, other.....	Pounds	134,910	3,737	(5)	(5)
Other fruit juices.....	Pounds	745,620	52,235	737,290	51,395
All other canned goods.	Pounds	417,777	45,533	392,073	42,432

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IN CANADA, 1940.

By Provinces, 1940. - (Continued).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
723,523	-	322,374	-	7,287	-
13,247,685	725,521	2,527,585	265,347	117,411	5,859
830,345	242,154	1,089,401	204,262	5,875,679	1,097,121
30,519	33,522	)	)	474,786	134,855
-	-	-	-	-	-
(5)	(5)	(5)	(5)	(5)	(5)
37,650	-	326,336	-	-	-
1,365,225	72,202	4,093,273	223,303	-	-
(5)	-	23,562	-	-	-
(5)	(5)	1,719,482	73,672	-	-
(5)	-	1,037	-	-	-
(5)	(5)	353,753	12,600	-	-
1,436,622	12,779	345,370	2,544	-	-
-	-	153,653	-	-	-
{ 3,005,000	221,765	2,952,573	167,164	-	-
223,764	-	(5)	-	6,702	-
647,142	160,745	(5)	(5)	11,739	5,225
-	-	-	-	-	-
-	-	-	-	-	-
142,911	-	(5)	-	-	-
1,770,346	199,297	(5)	(5)	-	-
-	-	-	-	-	-
-	-	(5)	(5)	-	-
-	-	(5)	(5)	(5)	(5)
-	-	-	-	(5)	(5)
(5)	-	118,733	-	249,900	-
(5)	(5)	1,593,875	89,474	4,428,847	130,375
(5)	(5)	-	-	-	-
-	-	(5)	(5)	(5)	(5)
4,977,284	289,327	1,522,903	238,172	117,200	2,075

CANNED FOOD PRODUCTION

Table 4. - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Concentrated Milk Products					
Condensed Milk -					
Case goods.....	Pounds	9,764,846	968,516	(8)	(6)
Bulk goods.....	"	4,633,964	410,643	4,549,343	402,621
Evaporated Milk -					
Case goods.....	"	135,400,453	3,723,135	30,732,367	5,261,290
Bulk goods.....	"	477,090	22,303	477,090	22,303
Whole milk powder.....	"	3,449,760	1,523,023	6,447,730	1,527,723
Cream powder.....	"	14,236	6,978	14,236	6,978
Condensed skim milk....	"	4,245,137	233,130	3,939,353	218,306
Evaporated skim milk...	"	1,048,733	29,243	773,053	23,312
Skim milk powder.....	"	26,391,723	2,141,201	19,439,330	1,633,530
Condensed buttermilk...	"	350,111	9,123	250,000	4,350
Buttermilk powder.....	"	2,732,563	172,473	2,265,274	142,723
Sugar of milk.....	"	243,095	27,737	243,095	27,737
Casein.....	"	1,339,339	133,903	743,153	73,323

(1) Canned fish are packed in cases of 43 pounds, with the exception of sardines and clams.

(2) Included under "Other small fruits".

(3) Included under "All other fruits".

IN CANADA, 1940.

by Provinces, 1940. - (Concluded).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
(6)	(6)	-	-	(6)	(6)
114,616	8,022	-	-	-	-
(6)	(6)	(6)	(6)	(6)	(6)
-	-	-	-	-	-
2,000	300	-	-	-	-
-	-	-	-	-	-
375,514	14,874	-	-	-	-
270,330	5,407	-	-	300	29
2,037,933	172,450	3,020,384	283,914	342,792	43,247
51,934	2,541	43,127	1,732	-	-
133,674	12,574	-	-	230,645	17,176
-	-	-	-	-	-
102,173	10,001	424,053	40,079	-	-

(4) Included under "All other vegetables".

(5) Included under "All other canned goods".

(6) Information cannot be published

(7) Fruits and vegetables canned by domestic or home canners are not included.

CANNED FOOD PRODUCTION IN CANADA, 1940.

FISH CANNING

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

Salmon Canning. - The canning of salmon in Canada is an industry confined almost wholly to the province of British Columbia, where this river-spawning fish of the Pacific coast is taken in abundance. Annual records of the salmon pack extend to 1876, when the number of cases was 9,847. The annual pack in recent years has, with few exceptions, exceeded a million cases, and in each of three years (1926, 1928 and 1930) was more than two million cases. The pack of 1940 totalled 1,471,435 cases, valued at \$11,437,030. The salmon canneries of British Columbia are of large capacity, with an average capital investment in 1940 of \$301,770. The average value of production of the plants in the same year was \$427,735, and the average number of employees, 132. Under regulations made by Order in Council of April 4, 1932, canned salmon shipped out of the province must be inspected, and graded according to quality, and each can must carry a letter representing the species of salmon.

Every species of salmon (which, however, is not the salmonsalar 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 chief sources of supply are the Skeena River and other northern waters, and the Fraser River. ~~The remaining species are all~~ marketable in quality though not commanding the high prices reached by the sockeye.

Annual Pack of Salmon in Canada, 1876 - 1940

Year	Cases No.	Year	Cases No.	Year	Cases No.
1876.....	9,847	1910.....	762,201	1934.....	1,534,533
1885.....	103,517	1915.....	1,133,331	1937.....	1,503,520
1890.....	409,464	1920.....	1,137,616	1938.....	1,703,355
1895.....	536,395	1925.....	1,719,232	1939.....	1,533,794
1900.....	306,530	1930.....	2,223,439	1940.....	1,471,435
1905.....	1,137,322	1931.....	636,697		



CANNED FOOD PRODUCTION IN CANADA, 1940.

Pack of Salmon in the Province of British Columbia, by Species, 1930 - 1940.

Species	1930	1931	1932	1933	1934	1940
	cases	cases	cases	cases	cases	cases
Sockeye.....	477,678	291,297	258,107	415,024	269,888	266,403
Springs, red.....	16,059	6,270	5,983	16,423	10,502	11,376
Springs, pink....	9,398	15,597	3,429	2,527	2,343	2,327
Springs, white...	11,039	5,387	5,854	10,334	2,947	4,093
Blueback.....(	-	-	-	33,713	48,209	1,205
Steelhead.....(	43,610	23,629	23,222)	1,033	797	23,277
Coho.....	150,138	73,743	137,239	212,343	193,337	240,271
Pink.....	1,111,357	207,328	532,558	591,532	620,595	213,911
Chum.....	401,900	56,155	223,630	597,487	336,584	649,732
TOTAL.....	2,221,619	635,909	1,265,072	1,831,026	1,539,057	1,513,703

Note:- The above table is submitted by the Salmon Cannery Association of British Columbia. The figures differ somewhat from those compiled by the Dominion Bureau of statistics which are based on returns received from individual plants.

Lobster Canning. - The lobster is found in Canada in Atlantic Coast waters only, and the lobster canning industry is confined to the eastern Maritime Provinces, with Nova Scotia as the chief producer. The annual pack of lobster in the early years of the present century frequently exceeded two hundred thousand cases, but in recent years, the output has been below that figure, and since 1934 the pack has been less than one hundred thousand cases. In 1940 the pack of lobster dropped to 58,996 cases, valued at \$1,036,577. Large quantities of canned lobster were formerly exported annually, but on account of the war, the industry is, for the present, dependent chiefly on the home market.

In order to conserve the fishery the government prohibits the capture of lobsters of less than a fixed minimum size, and also makes provision for the closing to lobster fishing of such areas and for such periods in each year as may be deemed advisable.

CANNED FOOD PRODUCTION IN CANADA, 1940.

A table showing the annual pack of lobster from 1897 to date follows:

Annual Pack of Lobsters, 1897 to 1940.

Year	Cases of 48 Pounds	Year	Cases of 48 Pounds
1897.....	231,386	1930.....	139,109
1900.....	219,756	1935.....	99,905
1905.....	219,534	1936.....	88,102
1910.....	183,094	1937.....	88,581
1915.....	182,963	1938.....	92,004
1920.....	163,299	1939.....	85,693
1929.....	127,427	1940.....	58,936

Sardine Canning. - Sardine is the name given to the young herring that is used for canning. New Brunswick produces the entire Canadian pack of canned sardines, and in that province it is the leading fishing industry. The number of sardine canneries has never exceeded three, but those in operation are of large size and, together, produce an annual pack, ranging from 111,355 cases, valued at \$512,174 in 1921, the low year for quantity in the period 1917 to 1940, to 504,486 cases, valued at \$1,823,187 in 1939, the high record year. In 1940 the pack totalled 504,140 cases valued at \$1,713,803. The average pack for the period covering the years 1917 to 1940 was 258,303 cases. The sardine is sixth on the list of the 30 chief commercial fishes of Canada (those with a product valued at \$100,000 or more). There is an important market abroad for Canadian sardines, and large quantities are exported annually. A table showing the annual pack of sardines from 1917 to 1940 is appended.

Annual Pack of Sardines, 1917 to 1940.

Year	Cases Canned	Year	Cases Canned	Year	Cases Canned
	No.		No.		No.
1917.....	168,365	1925.....	209,649	1933.....	180,597
1918.....	177,193	1926.....	217,592	1934.....	288,031
1919.....	119,225	1927.....	240,091	1935.....	373,456
1920.....	129,925	1928.....	257,831	1936.....	392,854
1921.....	111,355	1929.....	329,204	1937.....	422,043
1922.....	121,800	1930.....	244,238	1938.....	349,387
1923.....	233,800	1931.....	202,520	1939.....	539,496
1924.....	232,306	1932.....	113,197	1940.....	504,140

Other Kinds of Canned Fish. - Chief among the other kinds of fish canned are, in order of value of product in 1940, herring (302,152 cases, value \$2,346,773), pilchards (59,163 cases, value \$201,523) haddock (37,788 cases, value \$180,127), and clams and quahaugs (31,238 cases, value \$151,044). There were packed, also, smaller quantities of tuna, pilchards, cod, hake and cusk, halibut, mackerel, trout, crabs, oysters and scallops with a total value in 1940 of \$206,487.

CANNED FOOD PRODUCTION IN CANADA, 1940.

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 throughout the summer and autumn until October, being at its height in July, August and September. The pack in 1940 consisted of 5,221,419 doz. cans of fruits and 12,372,399 doz. cans of vegetables, valued at \$3,740,376 and \$13,812,119 respectively. Other important canned products are: soups of all kinds 7,374,739 doz. cans, tomato juice 3,013,943 doz. cans, prepared foods for infants 322,973 doz. cans, etc. For detailed statistics of production, by provinces, see table 4.

Imports of Canned Fruits and Vegetables, by Kinds,  
Calendar Years 1939 and 1940.

	1939		1940	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
<b>CANNED VEGETABLES -</b>				
Asparagus.....	224,132	30,645	215,529	35,006
Beans, baked.....	372,399	53,709	345,171	61,900
Corn.....	41,430	2,048	31,240	4,727
Peas.....	23,081	2,026	12,957	1,007
Tomatoes.....	1,649,532	116,003	5,476,659	321,760
Mushrooms and truffles..	316,924	36,268	174,670	19,576
All other vegetables....	334,440	75,933	633,402	67,798
<b>TOTAL CANNED VEGETABLES.</b>	<b>3,963,568</b>	<b>318,232</b>	<b>7,609,328</b>	<b>511,464</b>
<b>CANNED FRUITS -</b>				
Peaches and apricots....	3,106,202	180,434	3,734,039	246,330
Pears.....	235,379	15,242	463,931	32,733
Pineapples.....	22,219,534	779,310	16,572,033	818,357
All other fruits.....	1,782,304	133,979	1,590,425	133,413
<b>TOTAL CANNED FRUITS.....</b>	<b>27,343,419</b>	<b>1,108,515</b>	<b>22,395,551</b>	<b>1,231,936</b>

CANNED FOOD PRODUCTION IN CANADA, 1940.

Exports of Canned Fruits and Vegetables, by Kinds,  
Calendar Years 1939 and 1940.

	1939		1940	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
<b>CANNED VEGETABLES -</b>				
Pears.....	3,025,246	292,498	1,159,642	68,110
Beans.....	15,938,851	672,986	33,305,591	1,730,344
Tomatoes, canned or.....	42,492,229	1,652,753	12,473,262	542,402
Vegetables, canned or.....				
preserved, n.o.p.....	4,263,365	370,532	2,424,430	142,365
<b>TOTAL CANNED VEGETABLES....</b>	<b>36,473,391</b>	<b>2,906,919</b>	<b>52,367,995</b>	<b>2,533,321</b>
<b>CANNED FRUITS -</b>				
Pears.....	20,292,311	1,322,879	11,146,082	755,893
Apples.....	20,672,354	922,949	17,120,771	777,235
Peaches.....	5,079,410	768,714	1,563,047	112,294
Fruits, canned or.....				
preserved, n.o.p.....	5,239,332	453,326	1,729,655	180,258
<b>TOTAL CANNED FRUITS.....</b>	<b>51,985,267</b>	<b>3,089,768</b>	<b>31,575,551</b>	<b>1,632,625</b>

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 1940 was \$1,218,757. Imports of canned meats, poultry and game during the same period amounted to \$342,537 whilst exports of Canadian products totalled \$782,364. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1940, totalled \$6,912,546, whilst imports were valued at \$10,609 and exports at \$805,021.

CONCENTRATED MILK PRODUCTS

The concentrated milk products industry in Canada dates from 1865 when the first factory was established in 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-five 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 \$82,000. In 1901 the value had increased to \$269,520, in 1906 to \$355,409 and in 1910 to \$1,314,371. The value of production for the years 1917-1940 is given in the following table.

CANNED FOOD PRODUCTION IN CANADA, 1940.

Production of Concentrated Milk Products, 1917 to 1940.

Year	Value of Products	Year	Value of Products
	\$		\$
1917.....	7,508,042	1929.....	10,438,544
1918.....	11,218,055	1930.....	10,040,176
1919.....	15,930,513	1931.....	7,037,307
1920.....	17,160,111	1932.....	5,952,947
1921.....	11,526,422	1933.....	5,533,833
1922.....	6,833,232	1934.....	5,931,759
1923.....	10,040,318	1935.....	6,348,939
1924.....	3,710,017	1936.....	7,434,393
1925.....	3,344,313	1937.....	10,078,192
1926.....	3,601,138	1938.....	11,344,817
1927.....	10,133,312	1939.....	11,575,971
1928.....	10,173,203	1940.....	14,473,543

Imports and Exports of Concentrated Milk Products,  
Calendar Years 1920 to 1940.

Year	Imports	Exports
	\$	\$
1920.....	192,273	3,589,330
1921.....	27,649	5,643,244
1922.....	113,003	3,155,833
1923.....	133,345	5,105,293
1924.....	94,035	5,323,658
1925.....	33,293	5,110,272
1926.....	75,984	4,533,939
1927.....	90,921	4,250,344
1928.....	72,437	3,497,301
1929.....	191,303	3,650,117
1930.....	34,014	2,933,536
1931.....	77,332	2,932,512
1932.....	30,333	2,039,119
1933.....	22,894	2,097,153
1934.....	25,123	2,203,750
1935.....	22,313	2,247,075
1936.....	35,373	1,833,463
1937.....	115,632	3,174,594
1938.....	61,133	3,453,393
1939.....	73,301	3,295,009
1940.....	180,499	4,233,773

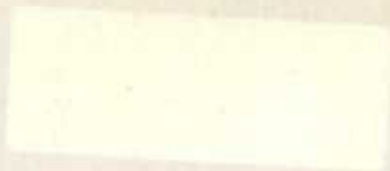
CONSUMPTION OF CANNED FOODS IN CANADA, 1940.

The value of canned foods available for consumption in Canada for the calendar years 1939 and 1940 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, 1940.

Consumption of Canned Foods in Canada, 1939 and 1940.

Classes of Canned Foods		Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption	
					Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish.....	1939	15,478,961	1,300,158	11,548,982	5,230,137	.46
	1940	17,875,376	831,100	11,363,650	7,085,426	.62
Canned fruits.....	1939	7,769,005	1,108,515	3,089,768	5,787,752	.51
	1940	6,740,376	1,231,956	1,832,695	6,140,117	.54
Canned vegetables.....	1939	14,526,371	316,252	2,906,919	11,935,984	1.03
	1940	15,812,119	511,464	2,533,821	14,789,762	1.29
Canned meats.....	1939	1,742,227	1,001,547	822,280	1,912,434	.17
	1940	1,812,757	642,537	732,334	1,872,330	.17
Canned soups.....	1939	9,259,222	14,000	3,532,847	5,673,334	.50
	1940	6,912,543	10,309	805,021	6,118,134	.54
Other canned foods.....	1939	9,115,241	-	1,330,244	7,785,037	.69
	1940	9,323,263	-	204,234	9,084,034	.84
Concentrated milk products.....	1939	11,675,971	75,601	3,295,039	8,354,533	.74
	1940	14,478,543	130,498	4,296,770	10,362,233	.90
TOTAL.....	1939	69,463,938	3,814,062	26,305,049	46,678,011	4.12
	1940	74,464,435	3,656,144	22,125,963	55,992,666	4.90



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