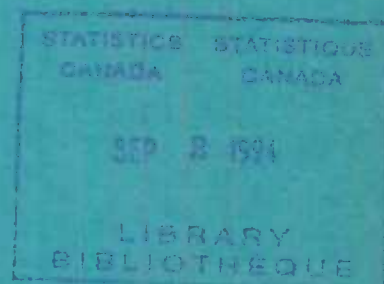


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

+++ *Census of Industry* +++

GENERAL MANUFACTURING STATISTICS



CANNED FOOD PRODUCTION
IN
CANADA
1945



OTTAWA
1948

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

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CANNED FOOD PRODUCTION IN CANADA, 1945

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 \$69,500,000 in 1939. The recent war gave a great impetus to the canning industries. To meet the greatly increased demand for canned foods of all kinds, production programs were expanded with the result that the value of canned foods in 1945 totalled about \$212,000,000. 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 1945 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, 1945

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1944 and 1945. 1/

	Estab- lish- ments	Total Em- ployees	Total Salaries and Wages	Gross Value of Production
	No.	No.	\$	\$
<u>1944</u>				
Fish, canned	249	11,787	6,475,729	35,610,831
Fruit and vegetable preparations ..	458	15,368	16,411,988	107,335,254
Condensed and evaporated milk	26	1,309	2,008,579	30,663,172
Meats, canned 2/	17	1,050	1,718,000	22,876,644
TOTAL, 1944	750	29,514	26,614,296	196,485,,901
<u>1945</u>				
Fish, canned	237	11,654	6,556,156	45,828,133
Fruit and vegetable preparations ..	470	14,440	16,117,172	99,371,391
Condensed and evaporated milk	29	1,458	2,199,008	34,809,972
Meats, canned 2/.....	20	1,560	2,748,000	32,112,175
TOTAL, 1945	756	29,112	27,620,336	212,121,671

(1) Includes canned goods as well as all the products manufactured by these industries. For production of canned goods only see Table 3.

(2) Estimated.

CANNED FOOD PRODUCTION IN CANADA, 1945

Imports and Exports

Imports of canned foods during the calendar year 1945 amounted to \$710,373 and of this amount \$173,503 was for canned meats and soups. Ordinarily fruits and vegetables not grown in Canada by reason of climatic conditions form the most important import item.

Exports of canned foods during 1945 amounted in value to \$61,932,379, of which canned fish totalled \$23,864,759, canned meats and soups \$22,174,296, concentrated milk products \$12,218,123, and canned vegetables \$2,117,520.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1938 to 1945.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1938 to 1945.

	1938	1939	1940	1941	1942	1943	1944	1945
	\$	\$	\$	\$	\$	\$	\$	\$
<u>IMPORTS -</u>								
Canned fish	1,059,856	1,300,158	881,100	280,053	35,506	72,260	55,262	50,173
Canned fruits	879,153	1,108,515	1,231,936	1,393,133	62,728	1,977	25,599	52,454
Canned vegetables	269,496	316,232	511,464	68,105	12,378	121,862	198,961	336,379
Canned meats and soups	663,276	1,015,556	853,146	660,682	1,242,098	1,557,054	994,102	173,503
Concentrated milk products.	61,138	75,601	180,499	142,154	791,324	133,780	383,349	97,864
TOTAL IMPORTS	2,932,969	3,814,062	3,658,145	2,544,127	2,144,634	1,886,933	1,657,273	710,373
<u>EXPORTS -</u>								
Canned fish	10,021,065	11,548,982	11,669,050	18,442,424	21,770,777	20,972,159	21,232,683	23,864,759
Canned fruits	2,000,446	3,089,768	1,832,695	1,207,195	697,196	341,837	309,041	1,422,569
Canned vegetables	2,221,856	2,906,919	2,533,821	1,540,174	2,018,120	744,790	819,752	2,117,520
Canned meats and soups	2,382,148	4,432,127	1,587,385	883,790	2,891,891	5,268,760	11,235,833	22,174,296
Other canned foods	930,091	1,330,244	204,234	774,349	58,628	17,188	67,210	135,112
Concentrated milk products.	3,456,398	3,295,009	4,298,778	7,218,898	6,776,050	5,433,172	5,423,636	12,218,123
TOTAL EXPORTS	21,012,004	26,603,049	22,125,963	30,066,830	34,212,662	32,777,906	39,088,155	61,932,369

CANNED FOOD PRODUCTION IN CANADA, 1945

Table 3. - Production of Canned Foods in Canada, 1934 to 1945

	Unit of Measure	1934		1935	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	95,832,259	14,205,665	93,342,708	13,638,127
Canned fruits	Case	1,270,628	3,509,156	1,825,613	4,757,301
Canned vegetables	Case	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	Case	-	2,445,852	-	3,112,009
Concentrated milk products.	Cwt.	908,430	5,991,759	1,036,030	6,849,989
TOTAL		-	42,768,462	-	45,299,942
	Unit of Measure	1936		1937	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	114,117,086	15,564,501	96,719,995	13,619,606
Canned fruits	Case	2,052,077	5,318,731	2,120,413	5,251,981
Canned vegetables	Case	7,410,145	13,963,401	9,611,050	17,117,580
Canned meats	Pound	5,036,186	1,101,014	6,093,546	1,318,900
Canned soups	Case	2,583,324	6,256,444	2,426,739	6,021,687
Other canned foods	Case	-	5,064,541	-	8,786,959
Concentrated milk products.	Cwt.	1,098,143	7,434,896	1,373,999	10,078,192
TOTAL		-	54,703,528	-	62,194,905
	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	107,584,455	16,297,611	108,893,332	15,478,961
Canned fruits	Case	2,018,554	4,556,282	3,547,542	7,769,005
Canned vegetables	Case	8,710,103	14,519,963	7,615,449	14,526,671
Canned meats	Pound	5,095,900	1,168,206	7,887,228	1,743,227
Canned soups	Case	3,125,432	7,742,625	3,510,319	9,259,222
Other canned foods	Case	-	8,737,601	-	9,113,941
Concentrated milk products.	Cwt.	1,579,239	11,844,817	1,660,425	11,575,971
TOTAL		-	64,867,105	-	69,466,998

CANNED FOOD PRODUCTION IN CANADA, 1945

Table 3. - Production of Canned Foods in Canada, 1934 to 1945. - (Concluded).

	Unit of Measure	1940		1941	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	132,124,047	17,873,376	190,073,678	26,829,659
Canned fruits	Case	5,221,419	6,740,876	4,817,305	7,501,161
Canned vegetables	Case	18,972,699	16,812,119	23,560,220	22,689,459
Canned meats	Pound	9,123,105	1,818,757	16,415,193	3,813,181
Canned soups	Case	7,874,789	6,912,546	11,055,144	10,207,193
Other canned foods	-	-	9,828,268	-	14,416,090
Concentrated milk products.	-	-	14,478,543	-	19,570,999
TOTAL		-	74,464,485	-	105,037,742
	Unit of Measure	1942		1943	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	198,339,168	31,943,416	166,564,042	27,286,951
Canned fruits	Doz. cans	3,460,103	6,057,333	1,955,045	4,225,833
Canned vegetables	" "	21,528,803	22,690,913	13,007,228	15,331,390
Canned meats	Pound	25,451,219	6,933,336	38,671,960	10,890,282
Canned soups	Doz. cans	9,952,996	8,850,693	11,502,759	10,568,847
Other canned foods	-	-	12,204,122	-	11,536,549
Concentrated milk products.	-	-	24,487,982	-	26,105,175
TOTAL		-	113,167,795	-	105,945,027
	Unit of Measure	1944		1945	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	144,960,471	26,046,074	189,406,289	34,473,056
Canned fruits	Doz. cans	3,294,254	6,548,931	2,741,829	5,709,009
Canned vegetables	" "	23,292,719	26,951,532	19,506,157	22,643,212
Canned meats	Pound	87,344,513	23,576,961	145,857,917	32,866,948
Canned soups	Doz. cans	16,142,714	14,756,625	16,338,883	15,868,485
Other canned foods	" "	-	20,368,952	-	17,659,252
Concentrated milk products.	-	-	27,829,398	-	29,895,009
TOTAL		-	146,078,473	-	159,114,971

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	4,202,641	34,473,056	-	-
Cod	"	90,040	803,964	-	-
Haddock	"	3,234	31,794	-	-
Hake	"	79,318	708,112	-	-
Herring	"	1,444,647	6,864,957	-	-
Mackerel	"	91,656	775,505	-	-
Sardines	"	474,176	2,183,908	-	-
Pilchards	"	78,854	369,160	-	-
Salmon	"	1,740,591	18,430,277	-	-
Salmon paste	"	837	2,511	-	-
Quahaugs	"	1,660	13,863	-	-
Clams	"	33,854	317,199	-	-
Lobsters	"	65,525	3,151,598	-	-
Lobster tomalley	"	8,068	216,763	-	-
All other canned fish	"	28,684	280,486	-	-
Herring, kippered snacks..	"	61,497	322,959	-	-
Fruits, canned 6/.....	Doz.cans	2,741,829	-	731,727	-
	Pounds	56,649,898	5,709,009	13,757,524	1,657,594
Apples including	Doz.cans	129,080	-	-	-
crabapples	Pounds	10,068,190	681,720	-	-
Apple sauce	Doz.cans	10,713	-	10,713	-
	Pounds	160,256	21,684	160,256	21,664
Apricots	Doz.cans	39,285	-	2/	-
	Pounds	1,041,638	119,612	2/	2/
Blackberries	Doz.cans	13,207	-	-	-
	Pounds	225,498	27,259	-	-
Blueberries	Doz.cans	5,243	-	3/	-
	Pounds	125,083	25,425	3/	3/
Cherries	Doz.cans	86,927	-	6,523	-
	Pounds	1,543,706	226,122	166,288	22,065
Loganberries	Doz.cans	3/	-	-	-
	Pounds	3/	3/	-	-
Peaches	Doz.cans	1,057,032	-	531,530	-
	Pounds	18,978,128	2,039,876	9,937,261	1,070,135
Pears, Bartlett	Doz.cans	430,816	-	95,385	-
	Pounds	7,782,596	958,966	1,501,421	213,992
Pears, Keiffer	Doz.cans	129,066	-	5,704	-
	Pounds	2,288,310	241,768	163,932	13,152
Plums, gages, etc.	Doz.cans	672,141	-	3,839	-
	Pounds	11,367,178	934,351	63,859	4,654
Raspberries	Doz.cans	37,395	-	11,989	-
	Pounds	598,700	93,103	187,143	30,297

IN CANADA, 1945.

Foods, by Provinces, 1945.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
53,811	741,072	3,213,705	25,462,677	935,125	8,269,307
8,923	78,880	-	-	81,117	725,034
-	-	-	-	3,254	31,794
-	-	-	-	79,318	708,112
2,494	13,308	1,372,314	6,490,372	69,539	360,777
30,416	272,695	-	-	61,240	502,810
-	-	-	-	474,176	2,183,908
-	-	78,854	369,160	-	-
931	16,312	1,739,308	18,407,451	352	6,514
-	-	837	2,511	-	-
-	-	-	-	1,660	13,863
678	6,809	4,693	47,928	28,483	262,462
5,791	313,548	-	-	59,734	2,838,050
597	14,927	-	-	7,471	201,836
283	4,698	4,957	82,545	23,444	193,243
3,698	19,895	12,442	62,210	45,357	240,854
30,994	-	1,839,605	-	119,503	-
487,654	51,269	34,349,911	3,429,014	8,055,709	571,332
-	-	30,584	-	98,496	-
-	-	2,585,630	167,728	7,682,560	513,992
-	-	-	-	-	-
-	-	56,778	-	-	-
-	-	1,004,301	112,854	-	-
-	-	-	-	-	-
-	-	-	-	5,242	-
-	-	-	-	125,068	25,423
2/	-	76,404	-	-	-
2/	2/	1,312,418	196,777	-	-
-	-	3/	-	-	-
-	-	3/	3/	-	-
25,790	-	499,374	-	2/	-
406,294	41,374	8,629,249	927,821	2/	2/
2/	-	328,474	-	6,773	-
2/	2/	6,171,295	727,025	107,120	17,627
-	-	117,277	-	6,085	-
-	-	2,028,540	218,641	95,838	9,975
-	-	666,628	-	1,674	-
-	-	11,576,954	927,242	26,365	2,455
-	-	25,406	-	-	-
-	-	411,557	62,806	-	-

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 - (concl'd.)					
Rhubarb	Doz.cans	20,382		12,385	
	Pounds	967,240	63,077	630,398	40,415
Strawberries	Doz.cans	294		3/	
	Pounds	4,243	923	3/	3/
Other small fruits	Doz.cans	4,438		75	
	Pounds	72,273	8,063	958	293
All other fruits	Doz.cans	85,310		73,584	
	Pounds	1,126,859	267,060	944,008	239,902
Vegetables, canned, Total 6/.					
	Doz.cans	19,506,157		10,069,637	
	Pounds	320,363,766	22,643,212	167,318,734	11,602,137
Asparagus	Doz.cans	156,150		144,778	
	Pounds	2,413,540	337,252	2,288,431	314,254
Beans, green or wax	Doz.cans	2,312,140		116,811	
	Pounds	35,730,745	2,856,344	1,927,702	141,655
Beans, baked(including lima beans)	Doz.cans	2,404,234		1,608,142	
	Pounds	37,487,158	2,399,409	24,931,100	1,888,998
Beets	Doz.cans	811,709		558,968	
	Pounds	12,824,131	884,318	8,733,802	602,583
Carrots	Doz.cans	1,065,744		619,642	
	Pounds	17,618,471	1,119,290	9,971,068	634,140
Carrots and peas combined..	Doz.cans	239,452		4/	
	Pounds	3,591,780	304,478	4/	4/
Corn, cream, whole grain, etc.	Doz.cans	2,935,735		1,374,398	
	Pounds	42,371,274	3,343,353	20,040,642	1,551,520
Mixed vegetables(macedoine)	Doz.cans	251,307		-	
	Pounds	3,785,883	277,930	-	-
Mushrooms	Doz.cans	3,812		4/	
	Pounds	51,074	13,314	4/	4/
Peas	Doz.cans	6,017,457		3,374,274	
	Pounds	93,340,797	6,968,664	57,531,093	4,186,226
Pumpkin and squash	Doz.cans	201,055		75,247	
	Pounds	4,410,333	222,141	1,656,355	83,860
Spinach	Doz.cans	61,925		32,314	
	Pounds	897,008	73,511	460,250	37,302
Tomatoes	Doz.cans	2,928,028		1,720,904	
	Pounds	63,269,023	3,371,115	37,561,426	1,982,245
All other vegetables	Doz.cans	117,409		144,159	
	Pounds	2,072,544	171,593	2,161,910	179,354

IN CANADA, 1945.

Foods, by Provinces, 1945. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
2/	-	7,667		2/	-
2/	2/	324,092	21,717	2/	2/
2/		-	-	-	-
2/	2/	-	-	-	-
2/		17,645		-	-
2/	2/	297,771	35,322	-	-
5,204		13,568		1,233	
31,360	9,695	207,204	31,081	13,759	1,369
5,552,764		2,038,064		1,945,692	
39,363,123	6,592,523	34,790,544	2,439,670	28,391,315	2,158,882
4/		10,908		-	-
4/	4/	120,701	22,247	-	-
1,557,682		339,301		243,046	
23,975,543	1,032,073	3,106,310	493,707	3,723,690	288,909
753,711		-	-	42,381	
11,330,143	761,423	-	-	645,915	43,983
151,220		42,430		59,041	
2,530,339	177,064	669,325	46,620	835,615	58,051
272,636		133,433		40,028	
5,033,302	312,437	1,994,341	135,152	313,760	37,511
-		111,184		4/	
-	-	1,667,760	143,456	4/	4/
951,171		172,954		437,212	
12,933,622	1,070,162	2,380,787	213,390	6,666,223	508,275
221,196		4/		4/	
3,334,213	239,491	4/	4/	4/	4/
4/		4/		-	
4/	4/	4/	4/	-	-
314,799		648,222		330,162	
12,615,733	929,657	10,366,909	797,910	13,327,057	1,054,371
18,275		47,730		59,303	
386,575	19,900	1,009,530	52,931	1,357,328	65,450
4/		10,333		13,208	
4/	4/	174,566	15,455	226,912	17,329
754,302		452,297		4/	
15,930,453	844,533	9,723,313	544,307	4/	4/
57,272		13,367		62,311	
1,162,642	105,727	272,649	24,495	942,315	73,993

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, Total	Pounds	468,642,725	66,394,685	279,038,624	33,080,147
Soups, all kinds	Doz. cans	16,338,383		14,151,988	
	Pounds	131,907,508	15,868,485	111,274,429	14,089,463
Poultry (chicken, turkey, etc.)	Pounds	825,630	660,040	82,084	57,167
Meats	Pounds	145,857,917	32,866,948	25,999,120	6,123,582
Spaghetti and macaroni.	Doz. cans	1,015,929		618,716	
	Pounds	14,593,282	1,263,890	9,440,997	861,728
Tomato juice	Doz. cans	4,406,963		3,681,943	
	Pounds	36,855,567	4,334,369	73,050,281	3,660,017
Tomato paste and puree, canned	Doz. cans	169,701		131,538	
	Pounds	10,608,167	871,946	8,201,683	722,609
Tomato paste and puree, other	Pounds	899,903	67,308	812,207	62,617
Tomato pulp, canned ...	Doz. cans	41,155		34,462	
	Pounds	3,339,581	153,970	2,553,532	118,041
Tomato pulp, other	Pounds	2,849,732	92,183	1,847,612	66,036
Tomato catsup, canned .	Doz. cans	48,175		20,909	
	Pounds	2,361,926	171,509	1,232,548	94,375
Tomato catsup, other ..	Pounds	16,698,074	2,697,348	14,117,307	2,419,567
Paste, meat, chicken, etc.	Doz. cans	994,006		13,940	
	Pounds	3,549,094	1,125,087	65,447	19,008
Prepared foods for infants	Doz. cans	4,065,707		4,065,707	
	Pounds	14,219,981	3,061,019	14,219,981	3,061,019
Ready dinners, stews, etc.	Doz. cans	266,529		234,945	
	Pounds	3,125,957	631,479	2,764,501	563,496
Sauerkraut, canned	Doz. cans	155,480		148,016	
	Pounds	3,119,141	167,685	2,969,861	159,475
Sauerkraut, other	Pounds	548,712	32,826	548,712	32,826
Pie filling, apple	Pounds	7,298,235	717,879	2,912,307	283,894
Pie filling, other	Pounds	1,488,553	180,641	783,063	107,935
Apple juice, canned ...	Doz. cans	576,693		182,820	
	Pounds	10,741,421	791,713	2,922,546	232,652
Apple juice, other	Pounds	4,496,182	289,274	-	
Other fruit juices	Pounds	1,613,144	173,720	1,598,484	170,678
Vegetable juices	Doz. cans	5/		5/	
canned	Pounds	5/	5/	5/	5/
All other canned foods.	Doz. cans	122,162		121,990	
	Pounds	1,645,018	175,366	1,641,922	173,962

IN CANADA, 1945.

by Provinces, 1945. - (Continued).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
42,169,171	5,139,261	25,775,539	2,129,313	121,659,341	26,045,964
1,294,866		891,839		190	
13,947,359	1,078,519	6,683,520	700,232	1,700	271
5/	5/	-	-	740,442	599,903
7,906,249	2,020,094	5/	5/	111,284,412	24,533,009
329,317		5/		-	-
3,991,385	306,631	5/	5/	-	-
511,545		213,473		-	-
9,760,301	469,938	4,044,985	204,414	-	-
14,482		23,631		-	-
535,635	46,156	1,870,799	103,131	-	-
-	-	87,696	4,691	-	-
702		5,991		-	-
55,458	3,253	730,591	32,676	-	-
129,000	1,290	873,120	24,857	-	-
3,966		23,300		-	-
325,088	24,726	304,290	52,408	-	-
2,046,802	214,758	533,965	63,023	-	-
764,789				35,265	
2,736,735	887,758	5/	5/	182,480	53,259
-	-	-	-	-	-
5/		-		5,154	
5/	5/	-	-	61,848	15,462
-		-		7,464	
-		-		149,280	8,210
-		-		-	-
5/	5/	-	-	4,200,960	416,890
-		542,939	55,773	162,551	16,933
-		148,892		244,981	
-		3,165,058	225,535	4,653,817	333,526
5/	5/	4,045,158	266,667	218,755	12,097
5/	5/	-	-	-	-
-		-		-	-
-		-		172	
734,609	86,138	2,393,468	395,856	3,096	1,404

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	21,171,534	2,677,282	8,440,656	1,040,731
Bulk goods	"	7,588,600	895,961	7,400,465	873,385
Evaporated Milk -					
Case goods	"	199,232,086	15,738,217	102,802,427	7,899,136
Bulk goods	"	676,091	55,423	676,091	55,423
Whole milk powder	"	13,334,258	4,458,696	13,081,059	4,396,257
Cream powder	"	7,927	3,635	7,927	3,635
Condensed skim milk	"	3,993,884	288,035	3,547,976	263,982
Evaporated skim milk ...	"	2,009,300	80,810	1,563,100	62,524
Skim milk powder	"	36,594,594	4,053,635	21,530,046	2,428,999
Condensed buttermilk ...	"	252,414	8,247	200,000	5,500
Buttermilk powder	"	3,503,549	309,861	1,398,470	115,583
Sugar of milk	"	643,277	136,088	643,277	136,088
Casein	"	5,616,515	1,075,908	1,050,788	256,007
Malted milk powder	-	7/		7/	
TOTAL		295,269,781	29,895,009	162,988,034	17,652,461

- 1/ Canned fish are packed in cases of 48 pounds, with the exception of sardines, and kippered snacks, 25 pounds.
- 2/ Included under "All other fruits".
- 3/ Included under "Other small fruits".

IN CANADA, 1945.

by provinces, 1945 (Concluded).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
12,372,419	1,597,090	-	-	358,459	39,461
183,135	22,573	-	-	-	-
50,085,567	4,039,227	28,785,184	2,501,925	17,558,908	1,297,929
-	-	-	-	-	-
253,199	62,439	-	-	-	-
-	-	-	-	-	-
153,584	13,822	-	-	292,324	10,231
446,200	18,286	-	-	-	-
11,233,600	1,156,084	3,168,865	399,257	657,083	69,295
25,127	1,383	27,287	1,364	-	-
536,410	49,389	-	-	1,568,669	144,889
-	-	-	-	-	-
4,221,245	749,195	344,482	68,706	-	-
-	-	-	-	-	-
79,520,486	7,709,491	32,325,818	2,971,252	20,435,443	1,561,805

4/ Included under "All other vegetables".

5/ Included under "All other canned goods".

6/ Fruits and vegetables canned by domestic or home canners are not included.

7/ Included in total.

CANNED FOOD PRODUCTION IN CANADA, 1945.

FISH CANNING

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

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 four years (1926, 1928, 1930 and 1941) was more than two million cases. The pack of 1945 totalled 1,740,591 cases, valued at \$18,430,277. 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 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 - 1945

Year	Cases of 48 lbs.	Year	Cases of 48 lbs.	Year	Cases of 48 lbs.
1876	9,847	1915	1,133,381	1938	1,708,835
1885	108,517	1920	1,187,616	1939	1,539,794
1890	409,464	1925	1,719,282	1940	1,471,435
1895	566,395	1930	2,223,469	1941	2,298,280
1900	606,530	1931	686,697	1942	1,817,441
1905	1,167,822	1934	1,584,593	1943	1,263,829
1910	762,201	1937	1,509,520	1944	1,099,852
				1945	1,740,591

CANNED FOOD PRODUCTION IN CANADA, 1945.

Pack of Salmon in the Province of British Columbia, by Species, 1936 - 1945.

Species	1936	1939	1941	1942	1943	1944	1945
	cases	cases	cases	cases	cases	cases	cases
Sockeye	415,024	269,888	455,296	666,572	164,889	247,714	329,001
Springs, red ..	16,493	10,302	17,794	11,197	4,172	3,663	3,666
Springs, pink .	2,527	2,848	3,912	3,826	2,199	2,368	2,686
Springs, white.	10,834	2,947	28,771	9,721	4,288	13,330	6,447
Blueback	33,718	48,209	30,027	23,265	14,059	12,464	6,670
Steelhead	1,068	797	3,454	4,649	3,095	3,926	2,922
Cohoe	212,343	196,887	361,380	187,874	171,983	169,082	212,217
Pink	591,532	620,595	427,765	270,622	530,188	389,692	825,512
Chum	597,487	386,584	920,471	633,834	363,348	255,316	350,188
TOTAL	1,881,026	1,539,057	2,248,870	1,811,560	1,258,221	1,097,555	1,739,309

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, the trend being towards the sale of lobsters "in shell" to the United States market. In 1945 the pack of lobster, decreased by 2 per cent to 65,525 while the value increased slightly to \$3,151,598.

In order to conserve the fisheries 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, 1945

Annual Pack of Lobsters, 1897 to 1945.

Year	Cases of 48 pounds	Year	Cases of 48 pounds
1897	231,886	1936	88,102
1900	219,756	1937	88,581
1905	219,534	1938	92,004
1910	183,094	1939	85,693
1915	162,966	1940	58,996
1920	163,299	1941	58,517
1925	127,497	1942	63,535
1930	139,109	1943	62,475
1935	99,905	1944	66,834
		1945	65,525

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. In 1945 the pack totalled 474,176 cases valued at \$2,183,908. There is an important market abroad for Canadian sardines, and large quantities are exported annually.

Annual Pack of Sardines, 1917 to 1945.

Year	Cases of 25 lbs.	Year	Cases of 25 lbs.	Year	Cases of 25 lbs.
1917	168,365	1927	240,091	1937	423,043
1918	177,193	1928	257,881	1938	349,887
1919	119,225	1929	329,204	1939	539,486
1920	129,925	1930	244,238	1940	504,140
1921	111,835	1931	202,520	1941	614,222
1922	121,800	1932	113,197	1942	407,424
1923	268,800	1933	180,597	1943	545,510
1924	282,306	1934	288,091	1944	526,767
1925	209,649	1935	338,436	1945	474,176
1926	217,592	1936	393,854		

CANNED FOOD PRODUCTION IN CANADA, 1945.

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 1945 consisted of 2,741,829 doz. cans of fruits and 19,506,157 doz. cans of vegetables. Other important canned products are: soups of all kinds, 16,338,883 doz. cans, tomato juice 4,406,966 doz. cans, prepared foods for infants 4,065,707 doz. cans, etc. For detailed statistics of production of canned fruits and vegetables, by provinces, see Table 4.

Imports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1944 and 1945.

	1944		1945	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Asparagus	-	-	-	-
Beans, baked	62,120	1,806	3,324	143
Corn	35,780	777	2,036	201
Mushrooms and truffles ..	60	84	-	-
Peas	33,450	779	1,974	124
Tomatoes	1,323,737	191,422	2,586,177	335,195
All other vegetables	22,942	4,093	3,733	716
TOTAL CANNED VEGETABLES ...	1,478,089	198,961	2,597,244	336,379
CANNED FRUITS -				
Peaches and apricots	14,744	1,476	71,405	5,934
Pears	762	101	3,730	218
Pineapples	225,071	23,030	343,109	40,155
All other fruits	6,313	992	60,528	6,147
TOTAL CANNED FRUITS	246,890	25,599	478,772	52,454

CANNED FOOD PRODUCTION IN CANADA, 1945.

Exports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1944 and 1945.

	1944		1945	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Peas	867,682	65,266	3,018,763	245,531
Beans	2,772,185	241,207	4,167,640	361,039
Tomatoes	768,851	47,778	1,171,217	72,762
Tomato paste, pulp and puree	25,532	2,250	2,287,817	172,461
Tomato juice	1,019,157	56,520	3,741,639	242,408
Tomato soup	886,146	89,549	1,173,827	114,762
Vegetables, canned or preserved, n.o.p.	3,926,874	317,182	12,670,373	908,557
TOTAL CANNED VEGETABLES	10,266,427	819,752	28,231,276	2,117,520
CANNED FRUITS -				
Pears	515,506	61,267	1,089,921	165,204
Apples	1,148,567	82,216	3,287,667	274,952
Peaches	287,756	39,686	1,399,555	185,674
Fruits, canned or preserved, n.o.p.	904,044	125,872	6,612,815	796,739
TOTAL CANNED FRUITS	2,855,873	309,041	12,389,958	1,422,569

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 1945 was \$32,866,-948. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1945, totalled \$15,868,485.

CONCENTRATED MILK PRODUCTS

The concentrated milk products industry in Canada dates from 1883 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-nine 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 for the years 1917-1945 is given in the following table.

CANNED FOOD PRODUCTION IN CANADA, 1945.

Production of Concentrated Milk Products, 1917 to 1945.

Year	Value of Products	Year	Value of Products
	\$		\$
1917	7,308,042	1932	5,952,947
1918	11,218,055	1933	5,536,888
1919	13,930,513	1934	5,991,759
1920	17,160,111	1935	6,849,989
1921	11,526,422	1936	7,434,896
1922	6,839,232	1937	10,078,192
1923	10,040,318	1938	11,844,817
1924	9,710,017	1939	11,575,971
1925	9,844,613	1940	14,478,543
1926	9,601,138	1941	19,570,999
1927	10,186,312	1942	24,487,982
1928	10,176,208	1943	26,105,175
1929	10,498,544	1944	27,829,398
1930	10,040,176	1945	29,895,009
1931	7,067,807		

Imports and Exports of Concentrated Milk Products
Calendar Years 1920 to 1945.

Year	Imports	Exports
	\$	\$
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	77,562	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
1937	115,683	3,174,594
1938	61,188	3,456,398
1939	73,601	3,295,009
1940	180,499	4,296,778
1941	142,154	7,218,907
1942	791,924 1/	6,776,050
1943	133,780 1/	5,433,172
1944	383,349 1/	5,423,636 2/
1945	97,864 1/	12,218,123 2/

1/ Includes "dried whey".

2/ Exclusive of "milk preparations, n.o.p."

CONSUMPTION OF CANNED GOODS IN CANADA, 1945

The value of canned foods available for consumption in Canada for the calendar years 1944 and 1945 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.

Consumption of Canned Foods in Canada, 1944 and 1945

Classes of Canned Foods		Value of	Value of	Value of	Value available	
		Manufactures	Imports	Exports	Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish	1944	26,046,074	55,262	21,232,683	4,868,653	.41
	1945	34,473,056	50,173	23,864,759	10,658,470	.88
Canned fruits	1944	6,548,931	25,599	309,041	6,265,489	.52
	1945	5,709,009	52,454	1,422,569	4,338,894	.36
Canned vegetables	1944	26,951,532	198,961	819,752	26,330,741	2.20
	1945	22,643,212	336,379	2,117,520	20,862,071	1.72
Canned meats	1944	23,576,961	926,372	10,895,520	13,607,813	1.14
	1945	32,866,948	104,857	21,752,276	11,219,529	.93
Canned soups	1944	14,756,625	67,730	340,313	14,484,042	1.21
	1945	15,868,485	68,646	422,020	15,515,111	1.28
Other canned foods	1944	20,368,952	-	67,210	20,301,742	1.69
	1945	17,659,252	-	135,112	17,524,140	1.45
Concentrated milk products	1944	27,829,398	383,349	5,423,636	22,789,111	1.90
	1945	29,895,009	97,864	12,218,133	17,774,740	1.47
TOTAL	1944	146,078,471	1,657,273	39,088,155	108,647,589	9.07
	1945	159,114,971	710,373	61,932,389	97,892,955	8.08

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