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CANNED FOOD PRODUCTION

1947

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CANNED FOOD PRODUCTION IN CANADA, 1947

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 1947 totalled about \$220,000,000. 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 1947 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, 1947

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1946 and 1947 1/

	Estab- lish- ments	Total Em- ployees	Total Salaries and Wages	Gross Value of Production
	No.	No.	\$	\$
<u>1947</u>				
Fish, canned	249	12,630	10,537,406	63,347,126
Fruit and vegetable preparations	502	17,036	22,199,466	152,712,901
Condensed and evaporated milk	31	1,569	2,656,429	42,645,351
Meats, canned 2/	28	1,355	2,859,999	27,131,179
TOTAL, 1947	810	32,590	38,253,300	285,836,557
<u>1946</u>				
Fish, canned	251	12,330	8,193,568	50,798,501
Fruit and vegetable preparations	513	16,373	19,168,778	136,004,138
Condensed and evaporated milk	31	1,466	2,287,444	35,641,045
Meats, canned 2/	26	1,986	3,749,000	38,899,330
TOTAL, 1946	821	32,155	33,400,790	261,343,014

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, 1947

Imports and Exports

Imports of canned foods during the calendar year 1947 were valued at \$8,366,030. Of this amount \$2,852,361 was for canned vegetables, \$2,769,721 for canned fruits, \$1,392,588 for canned fish, \$977,522 for concentrated milk products and \$373,838 for canned meats and soups. Fruits and vegetables not grown in Canada by reason of climatic conditions form the most important items of import.

Exports of canned foods during 1947 amounted in value to \$71,492,569 of which canned fish totalled \$31,510,497, canned meats and soups \$21,557,910, concentrated milk products \$12,009,484, and canned vegetables \$1,385,309.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1939 to 1947.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1939 to 1947

	1939	1940	1941	1942	1944	1945	1946	1947
	\$	\$	\$	\$	\$	\$	\$	\$
IMPORTS -								
Canned fish	1,300,158	881,100	280,053	35,506	55,262	50,173	336,803	1,392,588
Canned fruits	1,108,515	1,231,936	1,393,133	62,728	25,599	52,454	292,605	2,769,721
Canned vegetables	316,232	511,464	68,105	12,378	198,961	336,379	536,286	2,852,361
Canned meats and soups ..	1,015,556	853,146	660,682	1,242,098	994,102	173,503	307,008	373,838
Concentrated milk products	73,601	180,499	142,154	791,924	383,349	97,864	502,242	977,522
TOTAL IMPORTS	3,814,062	3,658,145	2,544,127	2,144,634	1,657,273	710,373	1,974,944	8,366,030
EXPORTS -								
Canned fish	11,548,982	11,669,050	18,442,424	21,770,777	21,232,683	23,864,759	30,427,560	31,510,497
Canned fruits	3,089,768	1,832,695	1,207,195	697,196	309,041	1,422,569	1,632,744	2,882,288
Canned vegetables	2,906,919	2,533,821	1,540,174	1,513,688	671,433	1,587,889	1,613,191	1,385,309
Canned meats and soups ...	4,432,127	1,587,385	883,790	2,986,342	11,325,382	22,289,058	28,196,576	21,557,910
Other canned foods (a) ...	1,330,244	204,234	774,349	468,609	125,980	549,981	3,010,986	2,147,081
Concentrated milk products	3,295,009	4,298,778	7,218,898	6,776,050	5,423,636	12,218,133	9,910,583	12,009,484
TOTAL EXPORTS	26,603,049	22,125,963	30,066,830	34,212,662	39,088,155	61,932,389	74,791,640	71,492,569

(a) Includes spaghetti, macaroni, tomato paste, puree and tomato juice.

CANNED FOOD PRODUCTION IN CANADA, 1947

Table 3. - Production of Canned Foods in Canada, 1935 to 1947

	Unit of Measure	1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	93,342,708	13,638,127	114,117,086	15,564,501
Canned fruits	Case	1,825,613	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	Case	-	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

	Unit of Measure	1937		1938	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	96,719,995	13,619,606	107,584,455	16,297,611
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	6,093,546	1,318,900	5,095,900	1,168,206
Canned soups	Case	2,426,739	6,021,687	3,125,432	7,742,625
Other canned foods	Case	-	8,786,959	-	8,737,601
Concentrated milk products	Cwt.	1,373,999	10,078,192	1,579,239	11,844,817
TOTAL		-	62,194,905	-	64,867,105

	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	108,893,332	15,478,961	132,124,047	17,873,376
Canned fruits	Case	3,547,542	7,769,005	5,221,419 ^{1/}	6,740,876
Canned vegetables	Case	7,615,449	14,526,671	18,972,699 ^{1/}	16,812,119
Canned meats	Pound	7,887,308	1,743,227	9,123,105	1,818,757
Canned soups	Case	3,510,319	9,259,222	7,874,789 ^{1/}	6,912,546
Other canned foods	Case	-	9,113,941	-	9,828,268
Concentrated milk products	Cwt.	1,660,425	11,575,971	-	14,478,543
TOTAL		-	69,466,998	-	74,464,485

1/ Unit of Measure: Dozen cans.

CANNED FOOD PRODUCTION IN CANADA, 1947

Table 3. - Production of Canned Foods in Canada, 1935 to 1947 - (Concluded)

	Unit of Measure	1941		1943	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	190,073,678	26,829,659	166,564,042	27,286,951
Canned fruits	Doz.cans	4,817,305	7,501,161	1,955,045	4,225,833
Canned vegetables	" "	23,560,220	22,689,459	13,007,228	15,331,390
Canned meats	Pound	16,415,193	3,813,181	38,671,960	10,890,282
Canned soups	Doz.cans	11,065,144	10,207,193	11,502,759	10,568,847
Other canned foods		-	14,416,090	-	11,536,549
Concentrated milk products		-	19,570,999	-	26,105,175
TOTAL		-	105,037,742	-	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	153,358,598	35,283,554 ^{2/}
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	-	161,531,577
	Unit of Measure	1946		1947	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	180,622,617	39,113,884	191,597,664	46,964,541
Canned fruits	Doz.cans	5,012,759	12,000,242	7,012,690	17,212,661
Canned vegetables	" "	24,824,742	31,106,845	22,425,957	35,159,582
Canned meats	Pound	210,098,653	43,710,776 ^{2/}	116,241,005	30,391,681 ^{2/}
Canned soups	Doz.cans	25,422,311	25,092,969	19,492,519	22,753,853
Other canned foods	Pounds	330,832,746	27,842,333	262,846,521	26,871,091
Concentrated milk products	"	301,498,418	32,968,991	330,121,182	40,198,691
TOTAL		-	211,836,040	-	219,552,100

2/ Includes canned chicken, turkey, etc., meat pastes, ready dinners, stews, etc. in 1945, 1946 and 1947.

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at	Quantity	Selling Value at
			Factory		Factory
			\$		\$
Fish, canned 1/	Cases	4,466,794	46,964,541	-	-
Cod	"	99,302	908,378	-	-
Haddock	"	6,033	55,447	-	-
Hake	"	81,412	693,082	-	-
Herring	"	1,488,233	9,263,928	-	-
Mackerel	"	60,902	469,698	-	-
Sardines	"	914,117	5,683,213	-	-
Pilchards	"	1,666	18,801	-	-
Salmon (inc. flakes)	"	1,529,305	25,120,752	-	-
Quahaugs	"	483	4,628	-	-
Clams	"	76,754	714,538	-	-
Lobsters	"	49,820	2,233,990	-	-
Lobster tomalley & paste	"	6,665	136,960	-	-
All other canned fish	"	74,543	1,186,483	-	-
Herring, kippered snacks	"	77,559	474,643	-	-
Fruits, canned 6/	Doz. cans	7,012,690		3,824,014	
	Pounds	128,110,297	17,212,661	63,152,147	9,427,733
Apples including	Doz. cans	392,708		481	
crabapples	Pounds	15,986,760	1,169,055	31,004	2,344
Apple sauce	Doz. cans	714,715		249,858	
	Pounds	11,009,673	1,156,674	3,755,000	365,942
Apricots	Doz. cans	249,187		32,550	
	Pounds	4,418,264	708,154	537,824	95,557
Blackberries	Doz. cans	10,048		-	
	Pounds	164,134	27,157	-	-
Blueberries	Doz. cans	159,557		86,624	
	Pounds	2,915,201	523,999	1,456,691	289,622
Cherries	Doz. cans	457,379		285,566	
	Pounds	7,373,325	1,483,175	4,678,659	967,537
Loganberries	Doz. cans	17,040		-	
	Pounds	295,006	64,871	-	-
Peaches	Doz. cans	2,008,274		1,352,778	
	Pounds	34,589,486	5,046,047	22,664,170	3,377,521
Pears, Bartlett	Doz. cans	560,455		264,470	
	Pounds	10,145,408	1,782,489	4,471,090	794,844
Pears, Keiffer	Doz. cans	814,503		687,187	
	Pounds	13,658,209	1,867,597	11,390,851	1,547,841
Plums, gages, etc.	Doz. cans	1,109,952		471,015	
	Pounds	19,025,660	1,630,677	7,841,652	674,846
Raspberries	Doz. cans	77,764		48,343	
	Pounds	1,272,647	306,964	786,090	196,982

IN CANADA, 1947

Foods, by Provinces, 1947

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
40,115	534,802	2,951,536	34,719,467	1,475,143	11,710,272
14,871	141,556	-	-	84,431	766,822
-	-	-	-	6,033	55,447
-	-	-	-	81,412	693,082
3,352	17,862	1,351,596	8,526,086	133,285	719,980
5,857	48,232	-	-	55,045	421,466
-	-	-	-	914,117	5,683,213
-	-	1,666	18,801	-	-
1,532	29,306	1,527,154	25,077,650	619	13,796
-	-	-	-	483	4,628
1,417	15,316	34,225	314,126	41,112	385,096
4,833	221,658	-	-	44,987	2,012,332
527	12,125	-	-	6,138	124,835
2/	2/	30,249	707,409	44,022	473,811
2/	2/	6,646	75,395	63,459	355,764
140,594	-	2,159,047	-	899,083	-
2,214,020	316,737	40,668,702	5,492,438	22,239,562	2,002,910
-	-	35,951	-	356,276	-
-	-	2,506,881	182,784	13,448,875	983,927
3/	-	3/	-	3/	-
3/	3/	3/	3/	3/	3/
3/	-	216,505	-	-	-
3/	3/	3,877,504	612,217	-	-
-	-	10,048	-	-	-
-	-	164,134	27,157	-	-
37,952	-	-	-	34,981	-
582,586	93,729	-	-	875,924	140,648
-	-	171,813	-	-	-
-	-	2,694,666	515,638	-	-
-	-	17,040	-	-	-
-	-	295,006	64,871	-	-
32,848	-	622,572	-	3/	-
516,651	81,606	11,407,475	1,586,812	3/	3/
3/	-	265,619	-	28,044	-
3/	3/	5,199,668	913,713	437,204	68,744
3/	-	90,726	-	-	-
3/	3/	1,691,066	246,776	-	-
15,206	-	604,616	-	19,115	-
238,646	19,038	10,644,852	911,226	300,510	25,567
-	-	29,420	-	3/	-
-	-	486,548	109,981	3/	3/

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	29,537		22,668	
	Pounds	1,226,085	81,325	968,057	60,601
Strawberries	Doz.cans	183,830		115,207	
	Pounds	3,055,861	683,728	1,928,749	439,459
All other fruits	Doz.cans	227,741		207,267	
	Pounds	2,974,578	680,749	2,642,310	614,637
Vegetables, canned, Total 6/	Doz.cans	22,425,957		12,336,168	
	Pounds	358,917,123	35,159,582	198,948,717	20,287,185
Asparagus	Doz.cans	367,591		229,270	
	Pounds	4,228,940	982,005	2,814,408	667,238
Beans, green or wax	Doz.cans	2,554,659		117,051	
	Pounds	40,132,736	3,516,480	2,014,741	171,191
Beans, baked (including lima beans)	Doz.cans	6,174,145		4,320,964	
	Pounds	94,754,175	9,035,073	66,791,944	6,791,271
Beets	Doz.cans	184,482		174,601	
	Pounds	2,857,299	257,691	2,676,437	240,951
Carrots	Doz.cans	59,121		42,735	
	Pounds	1,151,582	60,989	797,328	36,321
Carrots and peas combined	Doz.cans	352,430		4/	
	Pounds	5,321,452	542,726	4/	4/
Corn, cream, whole grain, etc.	Doz.cans	2,836,661		1,627,277	
	Pounds	41,096,860	4,598,589	22,916,155	2,708,079
Mixed vegetables(macedoine)	Doz.cans	520,495		4/	
	Pounds	7,807,425	659,965	4/	4/
Mushrooms	Doz.cans	61,414		3,598	
	Pounds	469,756	177,059	36,136	19,268
Peas	Doz.cans	5,674,328		3,463,595	
	Pounds	87,621,871	8,568,561	54,111,928	5,229,776
Pumpkin and squash	Doz.cans	381,242		201,001	
	Pounds	7,991,956	458,163	4,130,928	247,003
Spinach	Doz.cans	80,296		48,417	
	Pounds	1,142,410	105,484	677,838	59,674
Tomatoes	Doz.cans	2,934,641		1,832,775	
	Pounds	61,009,329	5,851,779	37,895,985	3,724,380
All other vegetables	Doz.cans	244,452		274,884	
	Pounds	3,331,332	345,018	4,084,889	392,033

IN CANADA, 1947

Foods, by Provinces, 1947 - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
-		6,119		4/	
-	-	246,778	19,877	4/	4/
9,725		58,835		4/	
148,788	31,247	977,347	212,940	4/	4/
44,863		19,735		460,667	
727,349	91,117	312,653	61,289	7,177,049	784,024
4,781,204		2,922,052		2,386,533	
76,375,240	6,721,921	47,512,493	4,572,224	36,080,673	3,578,252
22,267		114,950		4/	
263,895	67,181	1,136,530	244,104	4/	4/
1,367,429		712,371		357,808	
21,310,412	1,797,542	11,394,790	1,061,928	5,412,793	485,819
1,473,213		384,939		95,029	
22,460,615	1,694,031	4,072,431	391,391	1,429,185	158,380
4/		6,892		2,886	
4/	4/	122,319	10,887	56,998	5,740
9,104		5,698		1,584	
170,580	10,029	149,282	11,560	34,392	3,079
4/		248,327		4/	
4/	4/	3,759,907	371,028	4/	4/
343,525		-		644,695	
4,785,150	572,164	-	-	9,967,513	962,017
317,003		4/		4/	
4,755,045	345,389	4/	4/	4/	4/
4/		4/		-	
4/	4/	4/	4/	-	-
505,958		693,944		1,010,831	
7,905,206	757,873	11,184,932	1,010,460	14,419,805	1,570,452
4/		73,291		99,856	
4/	4/	1,624,907	90,459	2,087,147	111,619
-		4/		18,399	
-	-	4/	4/	259,073	26,175
639,885		446,974		15,007	
13,554,277	1,288,521	9,244,020	814,101	315,047	24,777
102,820		334,666		140,438	
1,170,060	189,191	4,823,375	566,306	2,098,720	230,194

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	538,685,427	80,016,625	358,572,033	49,393,022
Soups, all kinds	Doz. cans	19,492,519		17,883,781	
	Pounds	159,597,901	22,753,853	138,435,981	21,043,806
Meat, poultry, etc.					
Meats, canned	Doz. cans	10,797,670		1,858,513	
	Pounds	107,741,376	27,913,665	16,859,033	5,209,840
Poultry (chicken, turkey etc.)	Doz. cans	176,454		41,522	
	Pounds	1,089,091	702,960	238,447	161,598
Paste, meat, chicken, etc.	Doz. cans	878,077		41,022	
	Pounds	2,627,262	899,896	113,122	38,676
Ready dinners, stews, etc.	Doz. cans	412,615		269,934	
	Pounds	4,783,276	875,160	3,120,212	572,444
Spaghetti and macaroni (in cans, jars, etc.) .	Doz. cans	2,419,749		1,981,281	
	Pounds	34,392,327	3,179,581	27,836,902	2,752,789
Tomato juice	Doz. cans	4,759,072		3,890,029	
	Pounds	91,702,698	5,852,570	76,051,045	4,836,381
Tomato paste and puree, canned and other	Pounds	17,819,504	1,892,428	13,202,535	1,553,234
Tomato pulp, canned	Doz. cans	44,290		42,032	
	Pounds	4,333,311	264,464	3,405,453	223,124
Tomato pulp, other	Pounds	538,239	4,715	5/	5/
Tomato catsup, canned . .	Doz. cans	105,031		57,960	
	Pounds	4,374,856	461,436	2,962,479	313,991
Tomato catsup, other (in bottles, etc.)	Pounds	24,385,270	5,091,648	21,340,355	4,674,953
Prepared foods for infants	Doz. cans	5,344,790		5,344,790	
	Pounds	18,364,685	4,441,143	18,364,685	4,441,143
Sauerkraut, canned	Doz. cans	281,659		241,873	
	Pounds	5,545,688	350,800	4,741,968	304,657
Sauerkraut, other	Pounds	1,821,862	31,129	1,736,490	24,263
Pie filling, apple	Pounds	11,196,573	976,741	2,432,448	231,678
Pie filling, other	Pounds	2,827,782	416,438	2,459,856	369,723
Apple juice, canned and other	Pounds	26,192,368	1,662,464	7,980,823	543,802
Grape juice, canned, bottled, etc.	Pounds	5,649,508	875,944	5,649,508	875,944
Other fruit juices, bottled, etc.	Pounds	2,156,303	157,933	5/	5/
All other foods, canned, bottled, etc. (exclusive of fish)	Pounds	11,545,547	1,211,657	11,640,691	1,220,976

IN CANADA, 1947

by Provinces, 1947 - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
50,587,792	6,213,908	28,338,977	3,073,597	101,186,625	21,336,098
938,858		5/		5/	
15,472,356	987,353	5/	5/	5/	5/
1,310,461		345,613		7,283,083	
10,709,717	2,787,097	3,390,554	896,737	76,782,072	19,019,991
3,650		24,732		103,600	
24,426	15,973	139,474	87,452	686,744	437,937
541,412		5/		31,287	
1,757,155	659,809	5/	5/	157,139	40,490
5/		-		5/	
5/	5/	-	-	5/	5/
399,330		5/		-	
5,995,950	383,769	5/	5/	-	-
511,554		357,489		-	
9,341,064	594,948	6,310,589	421,241	-	-
1,214,907	94,680	3,402,062	244,514	-	-
-		2,258		-	
-		927,858	41,340	-	-
5/	5/	5/	5/	-	-
12,656		34,415		-	
498,186	66,568	914,191	80,877	-	-
2,907,225	396,238	5/	5/	-	-
-		-		-	
-		-		-	
5/		-		5/	
5/	5/	-	-	5/	5/
-		-		5/	5/
5/	5/	5/	5/	8,516,737	725,509
-		210,334	29,318	5/	5/
5/	5/	5/	5/	12,987,131	824,511
-		-		-	
5/	5/	5/	5/	-	-
2,666,806	227,473	13,043,915	1,272,118	2,056,802	287,660

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	21,931,369	3,553,303	10,235,449	1,682,333
Bulk goods	"	7,141,920	984,628	6,998,449	954,757
Evaporated Milk -					
Case goods	"	205,957,127	20,088,654	109,763,926	10,731,138
Bulk goods	"	5,731,467	554,610	1,219,225	97,788
Whole milk powder ...	"	14,171,103	5,020,619	10,894,418	3,946,455
Cream powder	"	12,449	4,586	12,449	4,586
Condensed skim milk .	"	4,238,876	397,927	3,680,157	369,748
Evaporated skim milk .	"	3,781,462	184,463	2,814,434	144,131
Skim milk powder	"	53,871,623	6,853,692	26,802,767	3,566,221
Condensed buttermilk .	"	379,802	12,999	220,000	6,600
Buttermilk powder ...	"	3,950,039	366,740	1,533,376	141,379
Sugar of milk	"	505,609	78,623	500,509	78,164
Casein	"	7,868,516	1,916,479	1,325,469	340,673
Malted milk powder ..	"	579,820	181,368	579,820	181,368
TOTAL		330,121,182	40,198,691	176,580,448	22,245,341

1/ Canned fish are packed in cases of 48 pounds, with the exception of sardines, and kippered snacks, 25 pounds.

2/ Data not available.

3/ Included under "All other fruits".

IN CANADA, 1947

by Provinces, 1947 (Concluded)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
11,408,880	1,814,748	-	-	287,040	56,222
143,471	29,871	-	-	-	-
54,340,232	5,188,450	24,069,216	2,476,731	17,783,753	1,692,335
4,512,242	456,822	-	-	-	-
3,276,685	1,074,164	-	-	-	-
-	-	-	-	-	-
142,167	17,543	-	-	416,552	10,636
967,028	40,332	-	-	-	-
23,409,106	2,758,934	2,853,343	420,959	806,407	107,578
71,068	4,403	-	-	88,734	1,996
830,663	76,424	-	-	1,586,000	148,937
5,100	459	-	-	-	-
6,326,595	1,511,196	216,452	64,610	-	-
-	-	-	-	-	-
105,433,237	12,973,346	27,139,011	2,962,300	20,968,486	2,017,704

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.

CANNED FOOD PRODUCTION IN CANADA, 1947

FISH CANNING

The principal varieties of fish used in Canadian canneries are in order of their importance: salmon, herring, lobsters, sardines, flaked fish, mackerel, 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 1947 totalled 1,529,305 cases, valued at \$25,120,752. 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 - 1947

Year	Cases of 48 lbs.	Year	Cases of 48 lbs.	Year	Cases of 48 lbs.
1876	9,847	1920	1,187,616	1940	1,471,435
1885	108,517	1925	1,719,282	1941	2,298,280
1890	409,464	1930	2,223,469	1942	1,817,441
1895	566,395	1931	686,697	1943	1,263,829
1900	606,530	1934	1,584,593	1944	1,099,852
1905	1,167,822	1937	1,509,520	1945	1,740,591
1910	762,201	1938	1,708,835	1946	1,350,358
1915	1,133,381	1939	1,539,794	1947	1,529,305

CANNED FOOD PRODUCTION IN CANADA, 1947

Pack of Salmon in the Province of British Columbia, by Species, 1939 - 1947

Species	1939	1941	1942	1944	1945	1946	1947
	cases	cases	cases	cases	cases	cases	cases
Sockeye	269,888	455,296	666,572	247,714	329,001	539,831	286,109
Springs, red	10,302	17,794	11,197	3,663	3,666	3,591	3,840
Springs, pink.	2,848	3,912	3,826	2,368	2,686	918	2,166
Springs, white	2,947	28,771	9,721	13,330	6,447	2,815	3,496
Blueback	48,209	30,027	23,265	12,464	6,670	2,914	4,545
Steelhead	797	3,454	4,649	3,926	2,922	4,114	3,269
Cohoe	196,887	361,380	187,874	169,082	212,217	94,470	139,620
Pink	620,595	427,765	270,622	389,692	825,512	116,606	599,882
Chum	386,584	920,471	633,834	255,316	350,188	572,661	461,799
Jack spring	-	-	-	-	-	776	431
Flakes	-	-	-	-	-	9,441	-
TOTAL	1,539,057	2,248,870	1,811,560	1,097,555	1,739,309	1,348,137	1,505,157

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 1947 the pack of lobster decreased by 30 per cent to 49,820 cases, and the value decreased by 53 per cent to \$2,233,990, compared to 1946.

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, 1947

Annual Pack of Lobsters, 1897 to 1947

Year	Cases of 48 pounds	Year	Cases of 48 pounds
1897	231,886	1937	88,581
1900	219,756	1938	92,004
1905	219,534	1939	85,693
1910	183,094	1940	58,996
1915	162,966	1941	58,517
1920	163,299	1942	63,535
1925	127,497	1943	62,475
1930	139,109	1944	66,834
1935	99,905	1945	65,525
1936	88,102	1946	71,280
		1947	49,820

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 is small, but those in operation are of large size. In 1947 the pack totalled 914,117 cases valued at \$5,683,213. There is an important market abroad for Canadian sardines, and large quantities are exported annually.

Annual Pack of Sardines, 1917 to 1947

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	1946	641,841
				1947	914,117

CANNED FOOD PRODUCTION IN CANADA, 1947

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 1947 consisted of 7,012,690 doz. cans of fruit and 22,425,957 doz. cans of vegetables. Other important canned products are: soups of all kinds, 19,492,519 doz. cans, tomato juice 4,759,072 doz. cans, prepared foods for infants 5,344,790 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 1946 and 1947

	1 9 4 7		1 9 4 6	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Asparagus	1,375,660	177,621	138	50
Beans (green, wax, baked)	3,951,952	302,683	29,510	2,424
Corn	6,698,938	567,119	1,206	129
Mushrooms and truffles ..	75,568	40,504	86,528	38,546
Peas	367,466	25,239	48	31
Tomatoes	13,771,574	1,366,503	3,874,556	418,686
All other vegetables ...	5,476,813	372,692	510,912	76,420
TOTAL CANNED VEGETABLES ..	31,717,971	2,852,361	4,502,898	536,286
CANNED FRUITS -				
Peaches and apricots ...	16,986,092	1,623,663	740,359	65,539
Pears	1,384,523	195,283	87	22
Pineapple	4,028,228	529,357	1,471,723	180,916
All other fruits	4,230,442	421,418	391,445	46,128
TOTAL CANNED FRUITS	26,629,285	2,769,721	2,603,614	292,605

CANNED FOOD PRODUCTION IN CANADA, 1947

Exports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1946 and 1947

	1947		1946	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Peas	2,356,896	206,371	3,159,696	264,974
Beans	5,764,803	460,339	4,783,230	404,289
Tomatoes	4,463,161	286,114	1,896,630	113,802
Tomato paste, pulp and puree	5,056,849	671,615	22,858,888	2,599,597
Tomato juice	18,877,252	1,025,381	2,329,211	149,295
Tomato soup	4,198,382	461,191	2,566,496	271,376
Vegetables, canned or preserved, n.o.p.	4,169,283	432,485	8,710,610	830,126
TOTAL CANNED VEGETABLES	44,886,626	3,543,496	46,304,761	4,633,459
CANNED FRUITS -				
Pears	1,476,997	231,562	734,419	112,186
Apples	11,464,691	608,617	4,049,636	215,680
Peaches	1,036,280	146,881	1,227,912	172,349
Fruits, canned or preserved, n.o.p.	12,441,179	1,895,228	7,382,723	1,132,529
TOTAL CANNED FRUITS	26,419,147	2,882,288	13,394,690	1,632,744

MEAT CANNING

The canning of meats, an adjunct of the great meat packing industry, is not ordinarily 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 1947 was \$30,391,681. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1947 totalled \$22,753,853.

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 thirty-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 1910 to \$1,814,871. The value of production for the years 1917-1947 is given in the following table.

CANNED FOOD PRODUCTION IN CANADA, 1947

Production of Concentrated Milk Products, 1917 to 1947

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	1944	27,829,398
1929	10,498,544	1945	29,895,009
1930	10,040,176	1946	32,968,991
1931	7,067,807	1947	40,198,691

Imports and Exports of Concentrated Milk Products
Calendar Years 1920 to 1947

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	77,362	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
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/
1946	502,242 1/	9,910,583 2/
1947	977,522 1/	9,212,664 2/

1/ Includes "dried whey".

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

CONSUMPTION OF CANNED GOODS IN CANADA, 1947

The value of canned foods available for consumption in Canada for the calendar years 1946 and 1947 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, 1946 and 1947

Classes of Canned Foods		Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption	
					Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish	1946	39,113,884	336,803	30,427,560	9,023,127	.73
	1947	46,964,541	1,392,588	31,510,497	16,846,632	1.34
Canned fruits	1946	12,000,242	292,605	1,632,744	10,660,103	.86
	1947	17,212,661	2,769,721	2,882,288	17,100,094	1.36
Canned vegetables	1946	31,106,845	536,286	1,613,191	30,029,940	2.42
	1947	35,159,582	2,852,361	1,385,309	36,626,634	2.91
Canned meats	1946	43,710,776	1,949	27,124,839	16,587,886	1.34
	1947	30,391,681	102,919	19,778,437	10,716,163	.85
Canned soups	1946	25,092,969	305,059	1,071,737	24,326,291	1.97
	1947	22,753,853	270,919	1,779,473	21,245,299	1.69
Other canned foods	1946	27,842,333	-	3,010,986	24,831,347	2.01
	1947	26,871,091	-	2,147,081	24,724,010	1.97
Concentrated milk products ...	1946	32,968,991	502,242	9,910,583	23,560,650	1.91
	1947	40,198,691	977,522	12,009,484	29,166,729	2.31
TOTAL	1946	211,836,040	1,974,944	74,791,640	139,019,344	11.24
	1947	219,552,100	8,366,030	71,492,569	156,425,561	12.43

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