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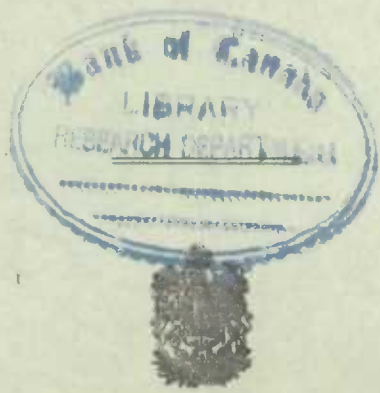
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CANNED FOOD PRODUCTION
IN
CANADA
1942



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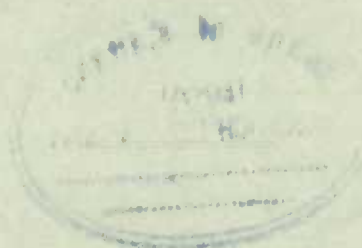
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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
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CANNED FOOD PRODUCTION IN CANADA, 1942

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 present 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 1942 totalled over \$113,000,000. 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 1942 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, 1942

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1941 and 1942.

	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Gross Value of Production 2/
	No.	\$	No.	\$	\$
1941					
Fish, canned	207	18,739,975	11,558	4,209,515	31,163,317
Fruit and vegetable preparations .	377	55,236,970	11,943	10,165,116	75,598,310
Condensed and evaporated milk	25	7,353,330	1,077	1,303,863	21,437,808
Meats, canned	16 1/	1,144,000 1/	180 1/	274,010 1/	3,326,585 1/
TOTAL, 1941	625	82,474,275	24,758	15,953,504	131,526,020
1942					
Fish, canned	199	22,434,610	10,730	5,106,901	37,083,026
Fruit and vegetable preparations .	379	54,798,625	12,304	11,487,840	73,569,273
Condensed and evaporated milk	26	7,856,038	945	1,152,393	25,950,941
Meats, canned	16 1/	1,848,481 1/	299 1/	482,358 1/	6,214,727 1/
TOTAL, 1942	620	86,937,754	24,278	18,229,492	142,817,967

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, 1942

Imports and Exports

Imports of canned foods during the calendar year 1942 amounted to \$2,144,634 and of this amount \$1,242,098 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 1942 amounted in value to \$34,212,662, of which canned fish totalled \$21,770,777, concentrated milk products \$6,776,050, canned meats and soups \$2,891,891, and canned vegetables \$2,018,120.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1935 to 1942.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1935 to 1942.

	1935	1936	1937	1938	1939	1940	1941	1942
	\$	\$	\$	\$	\$	\$	\$	\$
<u>IMPORTS -</u>								
Canned fish	891,702	1,202,253	1,002,585	1,059,856	1,300,158	881,100	280,053	35,506
Canned fruits	1,011,578	1,337,577	1,114,159	879,153	1,108,515	1,231,936	1,393,133	62,728
Canned vegetables	218,615	308,403	259,707	269,496	316,232	511,464	68,105	12,378
Canned meats and soups ..	539,936	625,240	660,539	663,276	1,015,556	853,146	660,682	1,242,098
Concentrated milk products	22,318	35,876	115,683	61,188	73,601	180,499	142,154	791,924
TOTAL IMPORTS	2,684,149	3,509,349	3,152,673	2,932,969	3,814,062	3,658,145	2,544,127	2,144,634
<u>EXPORTS -</u>								
Canned fish	10,475,278	9,275,885	10,608,818	10,021,065	11,548,982	11,669,050	18,442,424	21,770,777
Canned fruits	1,414,234	1,145,856	1,809,501	2,000,446	3,089,768	1,832,695	1,207,195	697,196
Canned vegetables	1,224,425	1,292,072	2,330,533	2,221,856	2,906,919	2,533,821	1,540,174	2,018,120
Canned meats and soups ..	1,184,570	1,794,771	1,994,903	2,382,148	4,432,127	1,587,385	883,790	2,891,891
Other canned foods	-	-	-	930,091	1,330,244	204,234	774,349	58,628
Concentrated milk products	2,247,075	1,886,468	3,174,594	3,456,398	3,295,009	4,298,778	7,218,898	6,776,050
TOTAL EXPORTS ...	16,975,636	15,973,108	19,918,349	21,012,004	26,603,049	22,125,963	30,066,830	34,212,662

CANNED FOOD PRODUCTION IN CANADA, 1942

Table 3. - Production of Canned Foods in Canada, 1931 to 1942

	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	47,879,576	9,021,461	66,181,477	9,789,254
Canned fruits	Case	734,833	2,444,818	1,336,153	3,444,647
Canned vegetables	Case	5,991,949	10,943,131	4,229,268	8,296,652
Canned meats	Pound	5,153,019	894,799	3,108,220	685,765
Canned soups	Case	1,085,107	3,497,766	1,094,570	3,408,050
Other canned foods	Case	394,753	1,102,982	705,372	1,565,601
Concentrated milk products	Cwt.	839,943	7,011,710	815,491	5,922,993
TOTAL	-	-	34,916,667	-	33,112,962

	Unit of Measure	1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	74,469,837	10,147,138	95,832,259	14,205,665
Canned fruits	Case	1,201,275	2,894,951	1,270,628	3,509,156
Canned vegetables	Case	4,531,542	8,257,296	6,062,374	10,876,830
Canned meats	Pound	3,142,249	661,248	3,660,878	791,426
Canned soups	Case	1,438,523	4,077,071	2,022,300	4,947,774
Other canned foods	Case	-	1,358,605	-	2,445,852
Concentrated milk products	Cwt.	843,994	5,451,656	908,430	5,991,759
TOTAL	-	-	32,847,965	-	42,768,462

	Unit of Measure	1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	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

CANNED FOOD PRODUCTION IN CANADA, 1942.

Table 3. - Production of Canned Foods in Canada, 1931 to 1942 - (Concluded).

	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	-	-	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	7,887,228	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	-	-	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

	Unit of Measure	1941		1942	
		Quantity	Value \$	Quantity	Value \$
Canned fish	Pound	190,073,678	26,829,659	198,339,168	31,943,416
Canned fruits	Doz.cans	4,817,305 ^{1/}	7,501,161	3,460,103	6,057,333
Canned vegetables	" "	23,560,220 ^{1/}	22,689,459	21,528,803	22,690,913
Canned meats	Pound	16,415,193	3,813,181	25,451,219	6,933,336
Canned soups	Doz.cans	11,065,144 ^{1/}	10,207,193	9,952,996	8,850,693
Other canned foods	-	-	14,416,090	-	12,204,122
Concentrated milk products	Cwt.	-	19,570,999	-	24,487,982
TOTAL	-	-	105,037,742	-	113,167,795

1/ Dozen cans. Since 1940, canned fruits, vegetables, and soups are 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	4,132,066	31,943,416	-	-
Cod	"	3,717	25,700	-	-
Haddock	"	37,687	246,650	-	-
Hake	"	20,522	131,315	-	-
Herring	"	1,654,027	7,294,478	-	-
Mackerel	"	13,993	77,108	-	-
Sardines	"	407,424	1,474,462	-	-
Pilchards	"	46,451	222,996	-	-
Salmon	"	1,817,441	20,091,417	-	-
Clams and Quahaugs	"	53,697	331,417	-	-
Clam chowder	"	1,025	8,936	-	-
Crabs	"	910	21,740	-	-
Lobsters	"	63,535	1,919,589	-	-
Lobster tomalley	"	4,959	63,603	-	-
All other canned fish ..	"	6,678	34,005	-	-
Fruits, canned 6/	Doz.cans	3,460,103		2,651,811	
	Pounds	60,696,322	6,057,333	44,973,550	4,436,049
Apples, including crabapples	Doz.cans	27,945		2/	
	Pounds	2,349,051	124,898	2/	2/
Apple sauce	Doz.cans	2/		2/	
	Pounds	2/	2/	2/	2/
Apricots	Doz.cans	127,508		2/	
	Pounds	1,969,832	225,406	2/	2/
Blackberries	Doz.cans	21,831		-	-
	Pounds	290,144	37,846	-	-
Blueberries	Doz.cans	38,766		3/	
	Pounds	729,038	102,876	3/	3/
Cherries	Doz.cans	216,657		201,441	
	Pounds	3,943,777	478,886	3,673,444	438,675
Loganberries	Doz.cans	17,044		-	-
	Pounds	368,821	39,890	-	-
Peaches	Doz.cans	1,599,761		1,391,093	
	Pounds	27,201,065	2,693,581	23,078,817	2,270,115
Pears, Bartlett	Doz.cans	367,919		230,332	
	Pounds	6,179,361	721,045	3,544,154	423,045
Pears, Keiffer, etc. ...	Doz.cans	564,080		491,284	
	Pounds	9,849,522	834,213	8,598,024	690,556
Plums, gages, etc.	Doz.cans	272,822		167,461	
	Pounds	4,882,081	345,537	2,855,622	203,713
Raspberries	Doz.cans	75,867		62,156	
	Pounds	957,536	164,325	747,347	128,958

IN CANADA, 1942.

Foods, by Provinces, 1942.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
9,734	171,222	3,420,837	27,223,458	701,495	4,548,736
112	1,058	-	-	3,605	24,642
-	-	-	-	37,687	246,650
-	-	-	-	20,522	131,315
-	-	1,538,326	6,785,318	115,701	509,160
1,979	10,242	-	-	12,014	66,866
-	-	-	-	407,424	1,474,462
-	-	46,451	222,996	-	-
1,575	17,672	1,814,297	20,050,238	1,569	23,507
970	7,611	17,808	131,766	34,919	192,040
-	-	-	-	1,025	8,936
-	-	885	21,240	25	500
4,615	129,374	-	-	58,920	1,790,215
170	2,521	-	-	4,789	61,082
313	2,744	3,070	11,900	3,295	19,361
22,764		731,024		54,504	
354,200	49,667	14,380,899	1,476,751	987,673	94,866
2/		2/		2/	
2/	2/	2/	2/	2/	2/
-	-	-	-	-	-
-	-	-	-	-	-
-	-	122,292		-	-
-	-	1,915,064	211,062	-	-
-	-	-	-	-	-
-	-	-	-	-	-
3/		-		10,987	
3/	3/	-		214,263	28,309
-	-	15,216		-	-
-	-	270,333	40,211	-	-
-	-	17,044		-	-
-	-	368,821	39,890	-	-
-	-	208,668		-	-
-	-	4,122,248	423,466	-	-
-	-	125,632		11,955	
-	-	2,462,222	279,492	172,985	18,508
-	-	59,184		13,612	
-	-	1,078,327	127,152	173,171	16,505
-	-	95,425		9,936	
-	-	1,877,931	131,023	148,528	10,801
-	-	13,711		-	-
-	-	210,189	35,367	-	-

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 6/ - (Concl'd.)					
Rhubarb	Doz.cans	3,440		2,819	
	Pounds	247,726	11,540	191,630	9,087
Strawberries	Doz.cans	60,181		34,731	
	Pounds	865,108	120,342	488,296	68,573
Other small fruits	Doz.cans	220		6,990	
	Pounds	8,418	832	224,775	34,600
All other fruits	Doz.cans	66,062		63,504	
	Pounds	854,842	156,116	1,571,441	168,727
Vegetables, canned 6/					
	Doz.cans	21,528,803		12,216,285	
	Pounds	329,094,177	22,690,913	181,298,901	12,700,990
Asparagus	Doz.cans	348,362		320,359	
	Pounds	3,751,990	594,633	3,498,285	543,990
Beans, green or wax	Doz.cans	1,870,975		196,241	
	Pounds	27,647,521	2,067,244	2,859,514	214,033
Beans, baked, etc.	Doz.cans	2,711,101		1,999,229	
	Pounds	32,950,256	2,347,925	23,363,874	1,752,206
Beets	Doz.cans	32,007		16,086	
	Pounds	707,635	59,931	490,393	40,096
Carrots	Doz.cans	24,040		13,697	
	Pounds	791,899	55,243	506,731	32,218
Carrots and peas combined.	Doz.cans	145,033		48,645	
	Pounds	1,788,862	149,165	666,577	56,043
Corn on the cob	Doz.cans	50,871		39,423	
	Pounds	847,329	91,550	560,137	73,577
Corn, cream, whole grain .	Doz.cans	3,573,079		2,204,774	
	Pounds	47,597,818	3,808,342	29,472,088	2,253,810
Mixed vegetables (macedoine)	Doz.cans	119,924		-	
	Pounds	1,755,914	127,303	-	-
Mushrooms	Doz.cans	44,311		4/	
	Pounds	503,446	113,187	4/	4/
Peas	Doz.cans	7,364,995		4,346,948	
	Pounds	96,477,239	7,421,460	55,527,941	4,326,149
Pumpkin	Doz.cans	426,701		281,698	
	Pounds	9,378,179	442,179	5,895,372	279,708
Spinach	Doz.cans	137,436		103,276	
	Pounds	1,884,434	151,725	1,270,190	105,012
Tomatoes	Doz.cans	4,601,641		2,589,440	
	Pounds	102,088,327	5,138,826	56,702,435	2,936,567
All other vegetables	Doz.cans	78,327		56,469	
	Pounds	923,328	122,200	485,364	87,581

IN CANADA, 1942.

Foods, by Provinces, 1942. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
-	-	621	-	-	-
-	-	56,096	2,453	-	-
3/	-	22,187	-	1,438	-
3/	3/	328,356	44,477	20,256	2,592
22,614	-	22,051	-	-	-
318,200	44,667	298,562	38,678	-	-
150	-	28,993	-	6,576	-
36,000	5,000	1,392,750	103,480	258,470	18,151
6,006,159	-	2,019,476	-	1,286,885	-
94,261,555	6,220,548	35,092,166	2,366,865	18,441,555	1,402,510
4/	-	24,803	-	4/	-
4/	4/	223,411	45,096	4/	4/
1,199,158	-	296,255	-	179,321	-
17,974,461	1,329,222	4,411,449	346,953	2,402,097	177,036
626,543	-	49,653	-	35,676	-
8,439,016	499,483	519,170	40,853	628,196	55,383
4/	-	4/	-	-	-
4/	4/	4/	4/	-	-
4/	-	4/	-	-	-
4/	4/	4/	4/	-	-
-	-	4/	-	4/	-
-	-	4/	4/	4/	4/
11,448	-	-	-	-	-
287,192	17,973	-	-	-	-
909,442	-	4/	-	4/	-
11,178,667	969,061	4/	4/	4/	4/
102,037	-	4/	-	4/	-
1,530,555	111,645	4/	4/	4/	4/
4/	-	4/	-	-	-
4/	4/	4/	4/	-	-
1,775,881	-	536,758	-	705,408	-
24,820,232	1,783,351	6,589,603	600,633	9,539,463	711,327
50,162	-	65,435	-	29,406	-
1,111,921	47,924	1,541,990	74,305	828,896	40,242
4/	-	20,145	-	4/	-
4/	4/	391,292	30,961	4/	4/
1,277,320	-	734,881	-	-	-
28,102,460	1,347,054	17,283,432	855,205	-	-
54,168	-	291,546	-	337,072	-
817,051	114,835	4,131,819	372,859	5,042,903	418,522

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	9,952,996	-	8,867,786	
	Pounds	81,473,421	8,850,693	69,663,381	7,964,462
Poultry (chicken, turkey etc.)	Doz.cans	116,905	-	53,739	
	Pounds	717,110	314,762	329,155	141,461
Meats	Pounds	25,451,219	6,933,336	3,513,564	1,372,838
Spaghetti and macaroni ..	Doz.cans	690,699	-	460,774	
	Pounds	8,415,568	646,787	5,420,909	453,122
Tomato juice	Doz.cans	4,029,015	-	3,424,853	
	Pounds	79,023,685	3,871,558	67,785,057	3,354,459
Tomato paste and puree, canned	Doz.cans	102,051	-	97,553	
	Pounds	4,439,112	318,321	4,081,191	300,260
Tomato paste and puree, other	Pounds	458,982	36,007	-	-
Tomato pulp, canned	Doz.cans	10,385	-	9,723	
	Pounds	1,642,075	79,076	1,312,983	67,258
Tomato pulp, other	Pounds	7,096,213	349,357	4,065,460	261,964
Tomato catsup, canned ...	Doz.cans	155,517	-	39,490	
	Pounds	4,992,224	365,655	2,259,834	180,302
Tomato catsup, other	Pounds	15,962,447	2,535,787	13,077,675	2,301,603
Paste, meat, chicken etc.	Doz.cans	859,687	-	74,966	
	Pounds	2,450,985	830,604	213,393	59,203
Prepared foods for infants	Doz.cans	1,771,630	-	1,771,630	
	Pounds	7,006,299	1,408,195	7,006,299	1,408,195
Ready dinners, stews, etc.	Doz.cans	219,684	-	124,813	
	Pounds	2,358,755	289,081	1,207,250	150,715
Sauerkraut, canned	Doz.cans	54,755	-	54,755	
	Pounds	1,363,400	71,844	1,363,400	71,844
Sauerkraut, other	Pounds	328,752	14,393	270,150	11,633
Pie filling, apple	Pounds	3,158,326	254,699	2,395,134	193,823
Pie filling, other	Pounds	1,739,203	207,640	1,584,413	191,925
Apple juice, canned	Doz.cans	371,953	-	-	
	Pounds	6,527,133	400,161	2,484,058	185,602
Apple juice, other	Pounds	804,664	30,113	-	
Other fruit juices	Pounds	1,165,312	118,352	1,132,547	110,764
Vegetable juices, canned.	Doz.cans	5/	-	-	
	Pounds	5/	5/	-	
All other canned goods ..	Pounds	548,800	66,595	540,724	66,043

IN CANADA, 1942.

by Provinces, 1942. - (Continued).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
592,910	-	409,078	-	5/	-
7,816,731	464,319	3,246,725	316,663	5/	5/
6,018	-	5/	-	57,017	-
33,838	19,225	5/	5/	352,152	153,500
1,257,020	433,700	2,346,974	557,664	18,333,661	4,569,134
5/	-	5/	-	-	-
5/	5/	5/	5/	-	-
435,337	-	168,825	-	-	-
8,698,826	377,820	2,539,802	139,279	-	-
5/	-	1,632	-	-	-
5/	5/	127,921	6,561	-	-
-	-	5/	5/	-	-
-	-	5/	-	-	-
-	-	5/	5/	-	-
5/	5/	1,654,393	74,610	-	-
7,190	-	108,837	-	-	-
740,074	43,380	1,992,316	141,973	-	-
2,884,772	234,184	-	-	-	-
538,751	-	5/	-	21,690	-
1,625,958	559,744	5/	5/	57,000	14,805
-	-	-	-	-	-
-	-	-	-	-	-
5/	-	11,368	-	-	-
5/	5/	164,839	17,055	-	-
-	-	-	-	-	-
5/	5/	5/	5/	-	-
-	-	5/	5/	5/	5/
-	-	-	-	5/	5/
712,500	39,837	723,500	56,450	3,411,739	148,385
5/	5/	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
5,429,765	333,373	2,332,152	320,363	934,420	123,566

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	Pound	16,929,262	2,017,455	7,198,757	835,037
Bulk goods	"	9,705,998	985,901	7,226,863	796,051
Evaporated Milk -					
Case goods	"	183,151,328	14,250,703	98,515,494	7,514,824
Bulk goods	"	319,735	19,701	319,735	19,701
Whole milk powder	"	10,722,113	3,094,179	10,662,203	3,082,197
Cream powder	"	7,347	3,819	7,347	3,819
Condensed skim milk	"	4,111,964	291,161	3,712,204	270,022
Evaporated skim milk	"	1,613,429	61,634	1,102,156	41,331
Skim milk powder	"	26,670,356	2,693,179	17,913,718	1,828,798
Condensed buttermilk	"	291,733	10,099	215,747	6,472
Buttermilk powder	"	3,071,678	254,023	1,915,862	157,339
Malted milk powder	"	651,636	105,738	651,636	105,738
Sugar of milk	"	222,357	59,424	222,357	59,424
Casein	"	3,198,482	640,961	1,225,312	287,999
TOTAL		260,667,418	24,487,982	150,889,391	15,008,752

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

IN CANADA, 1942.

by Provinces, 1942. - (Concluded).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
8,911,065	1,099,099	-	-	819,440	83,319
2,479,135	189,850	-	-	-	-
42,564,010	3,279,216	28,119,314	2,413,868	13,952,510	1,042,795
-	-	-	-	-	-
59,910	11,982	-	-	-	-
-	-	-	-	-	-
399,760	21,139	-	-	-	-
511,273	20,303	-	-	-	-
5,251,722	480,045	2,323,864	270,687	1,181,052	113,649
11,300	393	64,686	3,234	-	-
393,089	38,993	-	-	762,727	57,696
-	-	-	-	-	-
-	-	-	-	-	-
1,732,805	307,684	240,365	45,278	-	-
62,314,069	5,448,704	30,748,229	2,733,067	16,715,729	1,297,459

(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, 1942.

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 four years (1926, 1928, 1930 and 1941) was more than two million cases. The pack of 1942 totalled 1,817,441 cases, valued at \$20,091,417. 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 *salmo salar* or true salmon) known to the waters of the Pacific is to be found on the British Columbia Coast - the sockeye, the spring, the coho, the pink and the chum salmon. Of these the sockeye, though not taken in such great numbers as the pinks and chums, is by far the most important, owing to its abundance, its deep red colour and its excellent texture which have created so keen a demand in British and foreign markets. The 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 - 1942

Year	Cases No.	Year	Cases No.	Year	Cases No.
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		
1910	762,201	1937	1,509,520		

CANNED FOOD PRODUCTION IN CANADA, 1942.

Pack of Salmon in the Province of British Columbia, by Species, 1931 - 1942.

Species	1931	1933	1936	1939	1940	1941	1942
	cases	cases	cases	cases	cases	cases	cases
Sockeye	291,297	258,107	415,024	269,888	366,403	455,296	666,571
Springs, red .	6,270	5,983	16,493	10,302	11,876	17,794	11,197
Springs, pink.	15,597	8,429	2,527	2,848	2,887	3,912	3,826
Springs, white	5,387	5,854	10,834	2,947	4,096	28,771	9,721
Blueback	26,629	23,222	33,718	48,209	1,205	30,027	23,265
Steelhead			1,068	797	23,277	3,454	4,649
Coho	76,746	137,289	212,343	196,887	240,271	361,380	187,874
Pink	207,828	532,558	591,532	620,595	213,911	427,765	270,623
Chum	56,155	293,630	597,487	386,584	649,782	920,471	633,834
TOTAL ...	685,909	1,265,072	1,881,026	1,539,057	1,513,708	2,248,870	1,811,560

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. In 1942 the pack of lobster increased by over 8 per cent to 63,535 cases, valued at \$1,919,589. 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 provisions 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, 1942.

Annual Pack of Lobsters, 1897 to 1942.

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

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 1942 the pack totalled 407,424 cases valued at \$1,474,462. 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 1942 is appended.

Annual Pack of Sardines, 1917 to 1942.

Year	Cases Canned No.	Year	Cases Canned No.	Year	Cases Canned No.
1917	168,365	1926	217,592	1935	338,436
1918	177,193	1927	240,091	1936	393,854
1919	119,225	1928	257,881	1937	423,043
1920	129,925	1929	329,204	1938	349,887
1921	111,835	1930	244,238	1939	539,486
1922	121,800	1931	202,520	1940	504,140
1923	268,800	1932	113,197	1941	614,222
1924	282,306	1933	180,597	1942	407,424
1925	209,649	1934	288,091		

Other Kinds of Canned Fish. - Chief among the other kinds of fish canned are, in order of value of product in 1942, herring (1,654,027 cases, value \$7,294,478), clams and quahaugs (53,697 cases, value \$331,417), haddock (chicken haddie) (37,687 cases, value \$246,650), pilchards (46,451 cases, value \$222,996). There were also packed smaller quantities of tuna, cod, hake, pollock, halibut, mackerel, anchovies, trout and crabs.

CANNED FOOD PRODUCTION IN CANADA, 1942.

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 1942 consisted of 3,460,103 doz. cans of fruits and 21,528,803 doz. cans of vegetables. Other important canned products are: soups of all kinds 9,952,996 doz. cans, tomato juice 4,029,015 doz. cans, prepared foods for infants 1,771,630 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 1941 and 1942.

	1941		1942	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Asparagus	8,570	1,512	1,400	223
Beans, baked	861	42	-	-
Corn	2,443	195	-	-
Peas	-	-	315	29
Tomatoes	807,155	50,696	54,365	8,566
Mushrooms and truffles..	818	578	1,169	701
All other vegetables ...	149,729	15,082	21,151	2,859
TOTAL CANNED VEGETABLES ..	969,576	68,105	78,400	12,378
CANNED FRUITS -				
Peaches and apricots ...	5,056,213	324,671	31,273	2,054
Pears	791,000	54,382	162	11
Pineapples	17,268,859	923,209	1,070,354	60,412
All other fruits	997,166	90,871	2,243	251
TOTAL CANNED FRUITS	24,213,238	1,393,133	1,104,032	62,728

CANNED FOOD PRODUCTION IN CANADA, 1942.

Exports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1941 and 1942.

	1941		1942	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
CANNED VEGETABLES -				
Peas	3,387,577	214,774	2,347,814	170,594
Beans	5,332,630	316,818	3,697,212	213,780
Tomatoes	17,424,686	714,508	17,147,147	801,632
Tomato paste, pulp and puree.	13,652,038	566,236	4,331,040	289,563
Tomato juice	1,895,752	112,884	2,256,993	120,418
Tomato soup	1,490,053	127,874	1,108,437	94,451
Vegetables, canned or preserved, n.o.p.	4,275,725	292,074	3,713,890	327,682
TOTAL CANNED VEGETABLES	47,458,461	2,347,168	34,602,533	2,018,120
CANNED FRUITS -				
Pears	981,363	76,559	1,352,775	118,331
Apples	19,338,339	822,065	7,059,265	290,118
Peaches	1,035,456	84,735	1,900,619	175,191
Fruits, canned or preserved, n.o.p.	2,572,532	223,836	1,024,641	113,556
TOTAL CANNED FRUITS	23,927,690	1,207,195	11,337,300	697,196

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 1942 was \$6,933,336. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1942, totalled \$8,850,693.

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-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 \$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 1917-1942 is given in the following table.

CANNED FOOD PRODUCTION IN CANADA, 1942.

Production of Concentrated Milk Products, 1917 to 1942.

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

Imports and Exports of Concentrated Milk Products,
Calendar Years 1920 to 1942.

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	94,055	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	61,168	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

1/ Includes "dried whey" a new item in 1942.

CONSUMPTION OF CANNED GOODS IN CANADA, 1942

The value of canned foods available for consumption in Canada for the calendar years 1941 and 1942 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, 1941 and 1942.

Classes of Canned Foods		Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption	
					Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish	1941	26,829,659	280,053	18,442,424	8,667,288	.76
	1942	31,943,416	33,506	21,770,777	10,206,145	.88
Canned fruits	1941	7,501,161	1,393,133	1,207,195	7,687,099	.67
	1942	6,057,333	62,728	697,196	5,422,865	.47
Canned vegetables	1941	22,689,459	68,105	1,540,174	21,217,390	1.85
	1942	22,690,913	12,378	2,018,120	20,685,171	1.77
Canned meats	1941	3,813,181	638,386	500,154	3,951,413	.34
	1942	6,933,336	505,097	2,517,126	4,921,307	.42
Canned soups	1941	10,207,193	22,296	255,762	9,973,727	.86
	1942	8,850,693	737,001	374,765	9,212,929	.79
Other canned foods	1941	14,416,090	-	95,229	14,320,861	1.18
	1942	12,204,122	-	58,628	12,145,494	1.04
Concentrated milk products	1941	19,570,999	142,154	7,218,898	12,494,255	1.08
	1942	24,487,982	791,924	6,776,050	18,503,856	1.59
TOTAL	1941	105,027,742	2,544,127	30,066,830	77,505,039	6.74
	1942	113,167,795	2,142,634	34,212,662	81,097,767	6.96

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