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GOVERNMENT OF CANADA

**CANNED FOOD PRODUCTION**

**1948**

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**DOMINION BUREAU OF STATISTICS**  
**DEPARTMENT OF TRADE AND COMMERCE**

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## CANNED FOOD PRODUCTION IN CANADA, 1948.

The development in the production of canned foods in Canada showed a remarkable increase and 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 programmes were expanded with the result that the value of canned foods in 1948 totalled about \$241,000,000. The principal commodities used in the canning industry are: fish, fruits and vegetables, meats and milk whilst the industry itself forms an important adjunct to some other industries such as the tin can industry, the wooden box industry, the paper box industry and the printing industry.

The development of the canned foods trade has effected great changes in 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 fruit, 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 all establishments employed in the production of canned foods during the year 1948 appear in Table 1 on the following page. 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, 1948

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1947 and 1948 <sup>1/</sup>

	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	22,190,466	152,712,901
Condensed and evaporated milk .....	31	1,569	2,656,429	42,645,351
Meats, canned 2/ .....	28	1,355	2,859,939	27,131,179
<b>TOTAL, 1947 .....</b>	<b>810</b>	<b>32,590</b>	<b>38,253,300</b>	<b>285,836,557</b>
<u>1948</u>				
Fish, canned .....	232	9,739	9,366,499	42,148,530
Fruit and vegetable preparations .....	499	16,644	25,450,961	165,505,303
Condensed and evaporated milk .....	37 <sup>3/</sup>	1,883	3,599,105	60,266,284
Meats, canned 2/ .....	26	715	1,736,297	22,513,157
<b>TOTAL, 1948 .....</b>	<b>794</b>	<b>28,981</b>	<b>40,152,862</b>	<b>290,433,274</b>

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.

3/ Includes six firms formerly classified as creameries.



CANNED FOOD PRODUCTION IN CANADA, 1948

Imports and Exports

Imports of canned foods during the calendar year 1948 were valued at \$5,202,031. Of this amount \$3,191,128 was for canned fruits, \$1,378,490 for canned fish, \$310,954 for canned vegetables, \$175,189 for concentrated milk products and \$146,270 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 1948 amounted in value to \$51,026,022 of which canned fish totalled \$21,044,204, canned meats and soups \$11,508,370, concentrated milk products \$16,622,196, and canned vegetables \$845,038.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1939 to 1948.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1939 to 1948

	1939	1940	1941	1944	1945	1946	1947	1948
	\$	\$	\$	\$	\$	\$	\$	\$
<u>IMPORTS -</u>								
Canned fish .....	1,300,158	881,100	230,053	55,262	50,173	336,803	1,332,588	1,378,490
Canned fruits .....	1,108,515	1,231,936	1,393,133	25,599	52,454	292,605	3,213,418	3,191,128
Canned vegetables .....	316,232	511,464	68,105	198,961	336,379	536,286	2,852,361	310,954
Canned meats and soups .	1,015,556	853,146	660,682	994,102	173,503	307,008	373,833	146,270
Concentrated milk products .....	73,601	180,499	142,154	333,349	97,864	502,242	977,522	175,189
<b>TOTAL IMPORTS ....</b>	<b>3,814,062</b>	<b>3,653,145</b>	<b>2,544,127</b>	<b>1,657,273</b>	<b>710,373</b>	<b>1,974,944</b>	<b>8,814,727</b>	<b>5,202,031</b>
<u>EXPORTS -</u>								
Canned fish .....	11,548,982	11,669,050	18,442,424	21,232,683	23,864,759	30,427,560	31,510,497	21,044,204
Canned fruits .....	3,089,768	1,832,695	1,207,195	309,041	1,422,569	1,632,744	2,982,288	654,409
Canned vegetables .....	2,906,919	2,533,821	1,540,174	671,433	1,587,889	1,613,191	1,335,309	845,038
Canned meats and soups .	4,432,127	1,587,385	883,790	11,325,382	22,289,058	28,196,576	21,557,910	11,508,370
Other canned foods (a) .	1,330,244	204,234	774,349	125,980	549,981	3,010,986	2,147,031	351,805
Concentrated milk products .....	3,295,009	4,298,778	7,218,898	5,423,636	12,218,133	9,910,583	12,009,484	16,622,196
<b>TOTAL EXPORTS ....</b>	<b>26,603,049</b>	<b>22,125,963</b>	<b>30,066,830</b>	<b>39,083,155</b>	<b>61,932,339</b>	<b>74,791,640</b>	<b>71,492,569</b>	<b>51,026,022</b>

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

CANNED FOOD PRODUCTION IN CANADA, 1948

Table 3. - Production of Canned Foods in Canada, 1935 to 1948

	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	6,602,322	12,101,133	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	3,978,306	2,533,324	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
<b>TOTAL .....</b>		-	<b>45,299,942</b>	-	<b>54,703,523</b>
		1937		1938	
	Unit of Measure	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	1,313,900	5,095,900	1,138,206
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
<b>TOTAL .....</b>		-	<b>62,194,905</b>	-	<b>64,867,105</b>
		1939		1940	
	Unit of Measure	Quantity	Value	Quantity	Value
		\$		\$	
Canned fish .....	Pound	103,893,332	15,478,961	132,124,047	17,373,376
Canned fruits .....	Case	3,547,542	7,769,005	5,221,419 <sup>1/</sup>	6,740,876
Canned vegetables .....	Case	7,615,449	14,526,671	18,972,699 <sup>1/</sup>	16,312,119
Canned meats .....	Pound	7,387,228	1,743,227	9,123,105	1,313,757
Canned soups .....	Case	3,510,319	9,259,222	7,874,789 <sup>1/</sup>	6,912,546
Other canned foods .....	Case	-	9,113,941	-	9,828,263
Concentrated milk products	Cwt.	1,660,425	11,575,971	-	14,478,543
<b>TOTAL .....</b>		-	<b>69,466,993</b>	-	<b>74,464,485</b>

1/ Unit of Measure: Dozen cans.



CANNED FOOD PRODUCTION IN CANADA, 1948

Table 3. - Production of Canned Foods in Canada, 1935 to 1948 - (Concluded)

	Unit of Measure	1941		1944	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish .....	Pounds	190,073,678	26,329,659	144,960,471	26,046,074
Canned fruits .....	Doz.cans	4,817,305	7,501,161	3,294,254	6,548,931
Canned vegetables .....	" "	23,560,220	22,689,459	23,292,719	26,951,532
Canned meats .....	Pounds	16,415,193	3,813,181	87,344,513	23,576,961
Canned soups .....	Doz.cans	11,065,144	10,207,193	16,142,714	14,756,625
Other canned foods .....	-	-	14,416,090	-	20,363,952
Concentrated milk products	-	-	19,570,939	-	27,829,398
<b>TOTAL .....</b>			<b>- 105,037,742</b>		<b>- 146,078,473</b>

  

	Unit of Measure	1945		1946	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish .....	Pounds	189,406,289	34,473,056	180,622,617	39,113,384
Canned fruits .....	Doz.cans	2,741,829	5,709,009	5,012,759	12,000,242
Canned vegetables .....	" "	19,506,157	22,643,212	24,824,742	31,106,345
Canned meats .....	Pounds	153,358,598	35,283,554 <sup>2/</sup>	210,098,653	43,710,776 <sup>2/</sup>
Canned soups .....	Doz.cans	16,338,383	15,868,485	25,422,311	25,092,969
Other canned foods .....	Pounds	-	17,659,252	330,832,746	27,842,333
Concentrated milk products	Pounds	-	29,395,009	301,498,413	32,968,991
<b>TOTAL .....</b>			<b>- 161,531,577</b>		<b>- 211,836,040</b>

  

	Unit of Measure	1947		1948	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish .....	Pounds	191,597,664	46,964,541	121,933,397	42,148,530
Canned fruits .....	Doz.cans	7,012,690	17,212,661	5,661,401	14,903,597
Canned vegetables .....	" "	22,425,957	35,159,532	30,590,877	48,096,945
Canned meats .....	Pounds	116,241,005	30,391,681 <sup>2/</sup>	75,819,495	26,960,271 <sup>2/</sup>
Canned soups .....	Doz.cans	19,492,519	22,753,853	14,711,993	17,391,461
Other canned foods .....	Pounds	262,846,521	26,871,091	358,000,460	36,513,797
Concentrated milk products	Pounds	330,121,182	40,198,691	388,863,645	54,216,408
<b>TOTAL .....</b>			<b>- 219,552,100</b>		<b>- 240,831,009</b>

<sup>2/</sup> Includes canned chicken, turkey, etc., meat pastes, ready dinners, stews, etc. in 1945, 1946, 1947 and 1948.

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Fish, canned 1/	Cases	2,967,850	42,148,530	-	-
Cod	"	46,567	389,088	-	-
Haddock	"	5,407	55,502	-	-
Hake	"	49,644	414,752	-	-
Herring	"	514,955	3,238,297	-	-
Mackerel	"	26,348	186,186	-	-
Sardines	"	855,877	6,048,541	-	-
Pilchards	"	-	-	-	-
Salmon (inc. flakes)	"	1,310,842	26,629,434	-	-
Quahaugs	"	235	1,884	-	-
Clams	"	25,008	230,715	-	-
Lobsters	"	60,770	3,443,493	-	-
Lobster tomalley & paste	"	2,810	70,068	-	-
All other canned fish	"	34,457	1,118,122	-	-
Herring, kippered snacks	"	34,930	322,448	-	-
Fruits, canned 6/	Doz.cans	5,661,401		3,338,408	
	Pounds	101,336,175	14,903,597	53,981,380	8,514,643
Apples including	Doz.cans	165,518		3/	
crabapples	Pounds	9,720,222	736,931	3/	3/
Apple sauce	Doz.cans	337,605		136,897	
	Pounds	5,233,118	501,953	2,222,498	200,891
Apricots	Doz.cans	161,623		-	
	Pounds	2,659,769	480,377	-	-
Blackberries	Doz.cans	11,703		-	
	Pounds	192,705	34,958	-	-
Blueberries	Doz.cans	59,250		20,685	
	Pounds	1,046,272	209,721	331,926	72,785
Cherries	Doz.cans	561,544		415,473	
	Pounds	9,317,526	1,737,634	6,910,940	1,303,487
Loganberries	Doz.cans	62,337		-	
	Pounds	966,207	209,738	-	-
Peaches	Doz.cans	2,289,269		1,706,480	
	Pounds	37,663,610	5,589,026	27,222,309	4,035,622
Pears, Bartlett	Doz.cans	242,146		15,885	
	Pounds	4,443,189	806,150	290,442	54,293
Pears, Keiffer	Doz.cans	501,865		417,097	
	Pounds	8,765,359	1,240,142	7,190,366	1,003,604
Plums, gages, etc.	Doz.cans	512,265		105,866	
	Pounds	9,416,404	852,975	1,878,421	149,805
Raspberries	Doz.cans	158,497		69,136	
	Pounds	2,422,507	553,527	1,007,952	249,820



IN CANADA, 1948

Foods, by Provinces, 1948

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
26,939	576,563	1,750,329	30,308,695	1,190,582	11,263,272
6,978	55,327	-	-	39,589	333,761
-	-	-	-	5,407	55,502
-	-	-	-	49,644	414,752
4,869	24,905	408,500	2,556,910	101,586	656,482
3,073	23,427	-	-	25,275	162,759
-	-	-	-	855,877	6,048,541
-	-	-	-	-	-
1,144	20,664	1,308,137	26,578,589	1,561	30,181
-	-	-	-	235	1,884
767	3,557	-	-	24,241	227,158
7,224	417,403	-	-	53,546	3,026,090
385	8,847	-	-	2,425	61,221
2,297	20,200	26,884	1,039,630	5,276	58,292
202	2,233	6,808	133,566	27,920	186,649
13,546	-	1,954,025	-	355,422	-
218,434	38,302	36,995,109	5,406,606	10,141,252	944,046
-	-	80,291	-	85,222	-
-	-	3,798,515	310,154	5,921,629	426,771
-	-	-	-	3/	-
-	-	-	-	3/	3/
-	-	161,623	-	-	-
-	-	2,659,769	480,377	-	-
-	-	11,703	-	-	-
-	-	192,705	34,958	-	-
5/	-	-	-	33,715	-
5/	5/	-	-	641,596	123,599
-	-	146,071	-	-	-
-	-	2,406,586	434,147	-	-
-	-	62,337	-	-	-
-	-	966,207	209,798	-	-
-	-	582,776	-	3/	-
-	-	10,441,181	1,553,384	3/	3/
-	-	203,238	-	23,023	-
-	-	3,790,555	686,485	362,192	65,372
-	-	77,851	-	6,917	-
-	-	1,468,620	225,268	106,373	17,270
-	-	405,077	-	1,322	-
-	-	7,517,303	701,355	20,680	1,815
-	-	89,256	-	3/	-
-	-	1,413,372	303,513	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	16,083		11,736	
	Pounds	542,085	43,458	377,099	30,731
Strawberries .....	Doz.cans	336,445		236,359	
	Pounds	5,100,675	1,081,451	3,560,680	751,947
All other fruits .....	Doz.cans	245,251		202,794	
	Pounds	3,846,527	819,516	2,938,747	661,658
Vegetables, canned, Total 6/					
	Doz.cans	30,590,877		16,102,577	
	Pounds	497,993,146	43,096,945	264,391,571	26,072,309
Asparagus .....	Doz.cans	199,536		168,377	
	Pounds	2,060,605	616,439	1,723,660	529,856
Beans, green or wax .....	Doz.cans	2,203,445		211,163	
	Pounds	35,414,413	3,088,507	3,538,345	316,882
Beans, baked (including lima beans) .....	Doz.cans	5,769,755		3,366,567	
	Pounds	82,604,766	8,323,008	48,427,470	5,138,569
Beets .....	Doz.cans	279,646		229,384	
	Pounds	4,516,461	392,660	3,664,439	326,296
Carrots .....	Doz.cans	419,452		278,154	
	Pounds	6,859,952	432,627	4,376,248	268,106
Carrots and peas combined	Doz.cans	419,377		4/	
	Pounds	6,328,659	651,344	4/	4/
Corn, cream, whole grain, etc. ....	Doz.cans	5,537,630		2,516,011	
	Pounds	80,577,698	9,682,000	36,826,443	4,473,775
Mixed vegetables (macedoine) .....	Doz.cans	563,366		235,107	
	Pounds	8,536,760	779,846	3,526,605	391,958
Mushrooms .....	Doz.cans	118,498		19,730	
	Pounds	928,849	340,501	164,359	69,739
Peas .....	Doz.cans	7,888,568		4,431,061	
	Pounds	123,015,219	11,184,250	63,578,958	6,187,861
Pumpkin and squash .....	Doz.cans	142,983		137,896	
	Pounds	3,026,008	166,432	2,919,181	161,086
Spinach .....	Doz.cans	132,567		73,607	
	Pounds	1,799,930	198,052	1,030,497	114,204
Tomatoes .....	Doz.cans	6,777,089		4,304,346	
	Pounds	140,300,492	12,019,352	87,641,767	7,839,469
All other vegetables ....	Doz.cans	133,965		141,124	
	Pounds	2,023,274	221,877	1,918,599	204,508

IN CANADA, 1948

Foods, by Provinces, 1948 - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
-		3/		3/	
-		3/	3/	3/	3/
3/		97,113		3/	
3/	3/	1,483,884	319,981	3/	3/
13,546		36,689		205,223	
218,434	38,302	856,412	147,186	3,088,782	309,219
9,254,605		2,205,623		3,018,072	
151,740,093	13,656,954	35,865,422	3,683,212	45,996,060	4,684,470
4/		29,815		4/	
4/	4/	314,725	80,917	4/	4/
1,320,094		392,198		279,930	
20,902,645	1,752,942	6,652,447	634,139	4,270,976	384,544
1,941,094		328,557		133,537	
27,990,186	2,590,666	4,123,289	409,901	2,063,821	183,872
4/		4/		20,422	
4/	4/	4/	4/	317,482	23,190
58,581		32,244		50,473	
1,111,878	60,116	581,244	50,650	790,582	53,755
22,251		278,569		56,232	
333,765	28,789	4,238,385	446,348	821,634	82,092
1,633,688		151,347		1,236,584	
22,564,224	2,741,096	2,341,232	287,536	18,345,799	2,179,543
241,617		4/		4/	
3,643,596	250,640	4/	4/	4/	4/
4/		4/		-	
4/	4/	4/	4/	-	-
1,388,680		438,768		1,130,059	
29,432,024	2,712,711	7,675,235	664,126	17,329,002	1,619,552
-		-		4/	
-		-		4/	4/
-		13,170		4/	
-		215,153	24,132	4/	4/
2,050,587		399,871		22,285	
44,333,772	3,276,488	7,989,263	814,206	335,690	39,189
98,013		141,084		88,490	
1,428,003	243,506	1,734,449	271,207	1,221,074	118,733



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	559,733,223	81,465,529	416,583,658	55,330,301
Soups, all kinds .....	Doz.cans	14,711,993		13,671,161	
	Pounds	125,913,268	17,991,461	103,692,208	16,688,010
Meat, poultry, etc. -					
Meats, canned .....	Pounds	57,039,116	21,575,441	13,911,154	5,750,033
Poultry (chicken, turkey, etc.) .....	Doz.cans	83,262		18,342	
	Pounds	557,153	380,185	110,388	33,705
Paste, meat, chicken, etc. ....	Pounds	6,470,877	2,357,020	91,404	36,713
Ready dinners, stews, etc. ....	Pounds	11,752,349	2,647,625	4,890,654	1,006,407
Spaghetti and macaroni (in cans, jars, etc.) .	Doz.cans	1,306,575		1,026,703	
	Pounds	17,624,801	1,939,648	12,873,495	1,569,522
Tomato juice .....	Doz.cans	9,482,307		7,594,318	
	Pounds	184,415,563	11,062,269	147,185,634	9,201,373
Tomato paste and puree, canned and other .....	Pounds	32,610,456	4,315,928	28,984,537	4,088,245
Tomato pulp, canned ....	Doz.cans	34,202		28,520	
	Pounds	5,558,244	242,090	5,108,178	208,417
Tomato pulp, other .....	Pounds	341,762	5,720	5/	5/
Tomato catsup, canned ..	Doz.cans	285,322		219,646	
	Pounds	11,797,768	1,148,640	9,855,224	931,696
Tomato catsup, other (in bottles, etc.) .....	Pounds	37,690,295	8,615,935	34,924,176	8,269,995
Prepared foods for infants .....	Doz.cans	6,133,156		6,133,156	
	Pounds	22,836,569	5,246,267	22,836,569	5,246,267
Sauerkraut, canned .....	Doz.cans	298,790		292,556	
	Pounds	5,668,397	407,526	5,529,691	398,487
Sauerkraut, other .....	Pounds	256,535	16,303	232,035	14,276
Pie filling, apple .....	Pounds	750,698	76,897	747,002	76,234
Pie filling, other .....	Pounds	2,494,347	412,054	2,265,627	383,689
Apple juice, canned and other .....	Pounds	21,031,534	1,322,835	5,208,743	359,843
Grape juice, canned, bottled, etc. ....	Pounds	2,181,632	399,046	2,181,632	399,046
Other fruit juices, bottled, etc. ....	Pounds	1,833,332	142,920	5/	5/
All other foods, canned, bottled, etc. (exclusive of fish) .....	Pounds	10,908,522	1,159,749	10,960,317	1,163,843

IN CANADA, 1948

by Provinces, 1948 - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
68,245,476	7,021,155	24,565,349	3,021,714	50,333,740	15,541,859
858,031		5/		-	
15,429,587	1,082,891	5/	5/	-	-
3,566,256	1,416,732	2,250,673	839,270	37,311,033	13,569,406
6,560		5/		40,360	
33,562	25,205	5/	5/	228,203	142,155
3,503,063	1,381,369	5/	5/	2,183,759	536,733
2,369,306	656,305	5/	5/	4,422,449	969,071
324,089		5/		5/	
4,517,574	351,937	5/	5/	5/	5/
1,660,761		227,223		-	
32,979,711	1,575,877	4,250,223	265,019	-	-
2,785,133	165,133	782,007	60,263	5/	5/
5/		5/		-	
5/	5/	5/	5/	-	-
5/	5/	5/	5/	-	-
17,872		47,304		-	
606,473	73,245	1,336,066	143,693	-	-
2,131,271	271,375	5/	5/	-	-
-		-		-	
-	-	-	-	-	-
-	-	-	-	5/	-
-	-	-	-	5/	5/
-	-	5/	5/	-	-
5/	5/	5/	5/	-	-
-	-	5/	5/	126,236	14,437
-	-	5/	5/	5,813,731	293,423
-	-	-	-	-	-
5/	5/	5/	5/	-	-
318,532	19,531	15,946,330	1,693,463	250,219	16,629

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	27,460,922	4,779,000	10,830,697	1,985,079
Bulk goods .....	"	7,633,333	1,213,339	7,348,977	1,169,807
Evaporated Milk -					
Case goods .....	"	243,042,187	29,243,952	130,452,197	15,612,157
Bulk goods .....	"	6,953,110	830,934	237,238	22,753
Whole milk powder ...	"	16,902,375	6,773,551	11,733,677	4,837,233
Cream powder .....	"	24,403	13,176	24,403	13,176
Condensed skim milk .	"	4,910,766	577,523	4,356,552	526,546
Evaporated skim milk .	"	6,278,972	284,537	4,462,263	209,451
Skim milk powder ....	"	64,020,369	8,593,281	27,938,136	3,907,227
Condensed buttermilk .	"	326,735	10,832	278,194	9,375
Buttermilk powder ...	"	4,882,337	454,337	1,320,547	166,473
Sugar of milk .....	"	1,115,516	147,730	1,115,516	147,730
Casein .....	"	4,921,215	1,162,822	972,790	243,046
Malted milk powder ..	"	379,305	125,329	379,305	125,329
<b>TOTAL .....</b>		<b>333,363,645</b>	<b>54,216,408</b>	<b>202,006,077</b>	<b>29,035,337</b>

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, 1948

by Provinces, 1948 (Concluded)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
16,266,564	2,715,980	-	-	363,661	77,941
230,236	42,312	-	-	10,170	1,220
64,217,537	7,501,202	31,286,304	3,973,449	17,086,149	2,162,144
6,720,822	808,176	-	-	-	-
5,164,198	1,876,313	-	-	-	-
-	-	-	-	-	-
196,055	22,680	-	-	353,159	28,302
1,198,464	50,416	618,240	24,730	-	-
32,508,834	4,146,865	2,908,315	455,656	615,004	83,533
-	-	-	-	48,591	1,457
1,089,751	103,534	-	-	1,972,039	184,830
-	-	-	-	-	-
3,933,825	915,396	14,600	4,380	-	-
-	-	-	-	-	-
131,576,336	18,183,379	34,327,459	4,458,215	20,453,773	2,539,427

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, 1948

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 1948 totalled 1,310,842 cases, valued at \$26,629,434. 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 - 1948

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	1943	1,263,829
1895	566,395	1931	686,697	1944	1,099,852
1900	606,530	1934	1,584,593	1945	1,740,591
1905	1,167,822	1937	1,509,520	1946	1,350,358
1910	762,201	1938	1,708,835	1947	1,529,305
1915	1,133,381	1939	1,539,794	1948	1,310,842

CANNED FOOD PRODUCTION IN CANADA, 1948

Pack of Salmon in the Province of British Columbia, by Species, 1939 - 1948

Species	1939	1941	1944	1945	1946	1947	1948
	cases	cases	cases	cases	cases	cases	cases
Sockeye .....	269,888	455,296	247,714	329,001	539,831	286,109	260,643
Springs, red .	10,302	17,794	3,663	3,666	3,591	3,840	10,002
Springs, pink.	2,848	3,912	2,368	2,686	918	2,166	890
Springs, white	2,947	28,771	13,330	6,447	2,815	3,496	4,881
Blueback .....	48,209	30,027	12,464	6,670	2,914	4,545	20,307
Steelhead ....	797	3,454	3,926	2,922	4,114	3,269	5,666
Cohoe .....	196,887	361,380	169,082	212,217	94,470	139,620	186,809
Pink .....	620,595	427,765	389,692	825,512	116,606	599,882	321,722
Chum .....	386,584	920,471	255,316	350,188	572,661	461,799	496,553
Jack spring ..	-	-	-	-	776	431	666
Flakes .....	-	-	-	-	9,441	-	-

TOTAL .... 1,539,057 2,248,870 1,097,555 1,739,309 1,348,137 1,505,157 1,308,137

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 1948 the pack of lobster was 60,770 cases, and the value amounted to \$3,443,493, somewhat higher than 1947.

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, 1948

Annual Pack of Lobsters, 1897 to 1948

Year	Cases of 48 pounds	Year	Cases of 48 pounds
1897 .....	231,886	1938 .....	92,004
1900 .....	219,756	1939 .....	85,693
1905 .....	219,534	1940 .....	58,996
1910 .....	183,094	1941 .....	58,517
1915 .....	162,066	1942 .....	63,535
1920 .....	163,299	1943 .....	62,475
1925 .....	127,497	1944 .....	66,834
1930 .....	130,109	1945 .....	65,525
1935 .....	99,905	1946 .....	71,280
1936 .....	88,102	1947 .....	49,320
1937 .....	83,581	1948 .....	60,770

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 1948 the pack totalled 855,877 cases valued at \$6,048,541. There is an important market abroad for Canadian sardines, and large quantities are exported annually.

Annual Pack of Sardines, 1917 to 1948

Year	Cases of 25 lbs.	Year	Cases of 25 lbs.	Year	Cases of 25 lbs.
1917 .....	168,365	1928 .....	257,881	1938 .....	349,387
1918 .....	177,193	1929 .....	329,204	1939 .....	539,486
1919 .....	119,225	1930 .....	244,238	1940 .....	504,140
1920 .....	129,925	1931 .....	202,520	1941 .....	614,222
1921 .....	111,835	1932 .....	113,197	1942 .....	407,424
1922 .....	121,800	1933 .....	180,597	1943 .....	545,510
1923 .....	268,800	1934 .....	283,091	1944 .....	526,767
1924 .....	282,306	1935 .....	338,436	1945 .....	474,176
1925 .....	209,649	1936 .....	393,854	1946 .....	641,841
1926 .....	217,592	1937 .....	423,043	1947 .....	914,117
1927 .....	240,091			1948 .....	855,877

CANNED FOOD PRODUCTION IN CANADA, 1948

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 1948 consisted of 5,661,401 doz. cans of fruit and 30,590,377 doz. cans of vegetables. Other important canned products are: soups of all kinds, 14,711,993 doz. cans, tomato juice 9,482,307 doz. cans, prepared foods for infants 6,133,156 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 1947 and 1948

	1947		1948	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
<b>CANNED VEGETABLES -</b>				
Asparagus .....	1,375,660	177,621	-	-
Beans, (green, wax, baked) .	3,951,952	302,683	-	-
Corn .....	6,698,933	567,119	-	-
Mushrooms and truffles .....	75,568	40,504	114,055	41,766
Peas .....	367,466	25,230	-	-
Tomatoes .....	13,771,574	1,366,503	2,076,815	254,893
All other vegetables .....	5,476,813	372,692	60,230	14,295
<b>TOTAL CANNED VEGETABLES .....</b>	<b>31,717,971</b>	<b>2,852,361</b>	<b>2,251,100</b>	<b>310,754</b>
<b>CANNED FRUITS -</b>				
Peaches and apricots .....	16,986,092	1,623,665	3,332,270	357,515
Pears .....	1,384,523	195,283	586,688	64,044
Pineapple .....	4,023,228	529,357	15,313,561	2,417,894
All other fruits .....	4,230,442	421,418	376,360	41,952
<b>TOTAL CANNED FRUITS .....</b>	<b>26,629,285</b>	<b>2,769,721</b>	<b>20,113,379</b>	<b>2,881,405</b>



CANNED FOOD PRODUCTION IN CANADA, 1948

Exports of Canned Fruits and Vegetables, by Kinds,  
Calendar Years 1947 and 1948

	1947		1948	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
<b>CANNED VEGETABLES -</b>				
Peas .....	2,356,896	206,371	1,474,436	116,163
Beans, (baked) .....	5,764,803	460,339	4,233,025	452,923
Tomatoes .....	4,463,161	288,114	866,982	76,243
Tomato paste, pulp and puree.	5,056,349	671,615	13,894	3,355
Tomato juice .....	13,877,252	1,025,381	1,942,993	133,279
Tomato soup .....	4,198,332	461,191	1,710,720	212,512
Vegetables, canned or preserved, n.o.p. ....	4,169,283	432,435	1,633,659	199,709
<b>TOTAL CANNED VEGETABLES .....</b>	<b>44,886,626</b>	<b>3,545,496</b>	<b>11,931,709</b>	<b>1,194,134</b>
<b>CANNED FRUITS -</b>				
Pears .....	1,476,997	231,562	352,572	52,361
Apples .....	11,464,691	608,617	4,622,937	299,233
Peaches .....	1,036,230	146,331	234,329	37,808
Fruits, canned or preserved, n.o.p. ....	12,441,179	1,895,228	1,060,269	264,507
<b>TOTAL CANNED FRUITS .....</b>	<b>26,419,147</b>	<b>2,832,288</b>	<b>6,270,107</b>	<b>654,409</b>

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 1948 was \$26,960,271. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1948 totalled \$17,991,461.

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, 1948

Production of Concentrated Milk Products, 1917 to 1948

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 .....	7,454,896
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
		1948 .....	54,216,408

Imports and Exports of Concentrated Milk Products  
Calendar Years 1920 to 1948

Year	Imports	Exports	Year	Imports	Exports
	\$	\$		\$	\$
1920 .....	192,273	8,589,330	1936 .....	35,876	1,886,468
1921 .....	27,649	5,643,244	1937 .....	115,683	3,174,594
1922 .....	113,008	3,135,866	1938 .....	61,188	3,456,398
1923 .....	133,845	5,105,293	1939 .....	73,601	3,295,009
1924 .....	94,035	5,323,658	1940 .....	180,499	4,296,778
1925 .....	53,298	5,110,272	1941 .....	142,154	7,218,907
1926 .....	75,984	4,538,939	1942 .....	791,924 1/	6,776,050
1927 .....	90,921	4,256,344	1943 .....	133,780 1/	5,433,172
1928 .....	72,497	3,497,601	1944 .....	383,349 1/	5,423,636 2/
1929 .....	101,206	3,650,117	1945 .....	97,864 1/	12,218,123 2/
1930 .....	64,014	2,966,536	1946 .....	502,242 1/	9,910,583 2/
1931 .....	77,362	2,099,519	1947 .....	977,522 1/	12,009,484 2/
1932 .....	30,339	2,099,119	1948 .....	175,189 1/	16,622,196 2/
1933 .....	22,994	2,097,153			
1934 .....	25,123	2,209,750			
1935 .....	22,318	2,247,075			

1/ Includes "dried whey".

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

CONSUMPTION OF CANNED FOODS IN CANADA, 1948

The value of canned foods available for consumption in Canada for the calendar years 1947 and 1948 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, 1947 and 1948

Classes of Canned Foods		Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption	
					Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish .....	1947	46,964,541	1,392,588	31,510,497	16,846,632	1.34
	1948	42,148,530	1,378,490	21,044,204	22,482,816	1.73
Canned fruits .....	1947	17,212,661	3,218,418	2,882,288	17,548,791	1.39
	1948	14,903,597	3,191,128	654,409	17,440,316	1.34
Canned vegetables .....	1947	35,159,582	2,852,361	1,385,309	36,626,634	2.91
	1948	48,096,945	310,954	845,038	47,562,861	3.67
Canned meats .....	1947	30,391,681	102,919	19,778,437	10,716,163	.85
	1948	26,960,271	139,608	10,612,172	16,487,707	1.27
Canned soups .....	1947	22,753,853	270,919	1,779,473	21,245,299	1.69
	1948	17,991,461	6,662	896,198	17,101,925	1.32
Other canned foods .....	1947	26,871,091	-	2,147,081	24,724,010	1.97
	1948	36,513,797	-	351,805	36,161,992	2.79
Concentrated milk products ....	1947	40,198,691	977,522	12,009,484	29,166,729	2.31
	1948	54,216,408	175,189	16,622,196	37,769,401	2.91
TOTAL .....	1947	219,552,100	8,814,727	71,492,569	156,874,258	12.47
	1948	240,331,009	5,202,031	51,026,022	195,007,018	15.03





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