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
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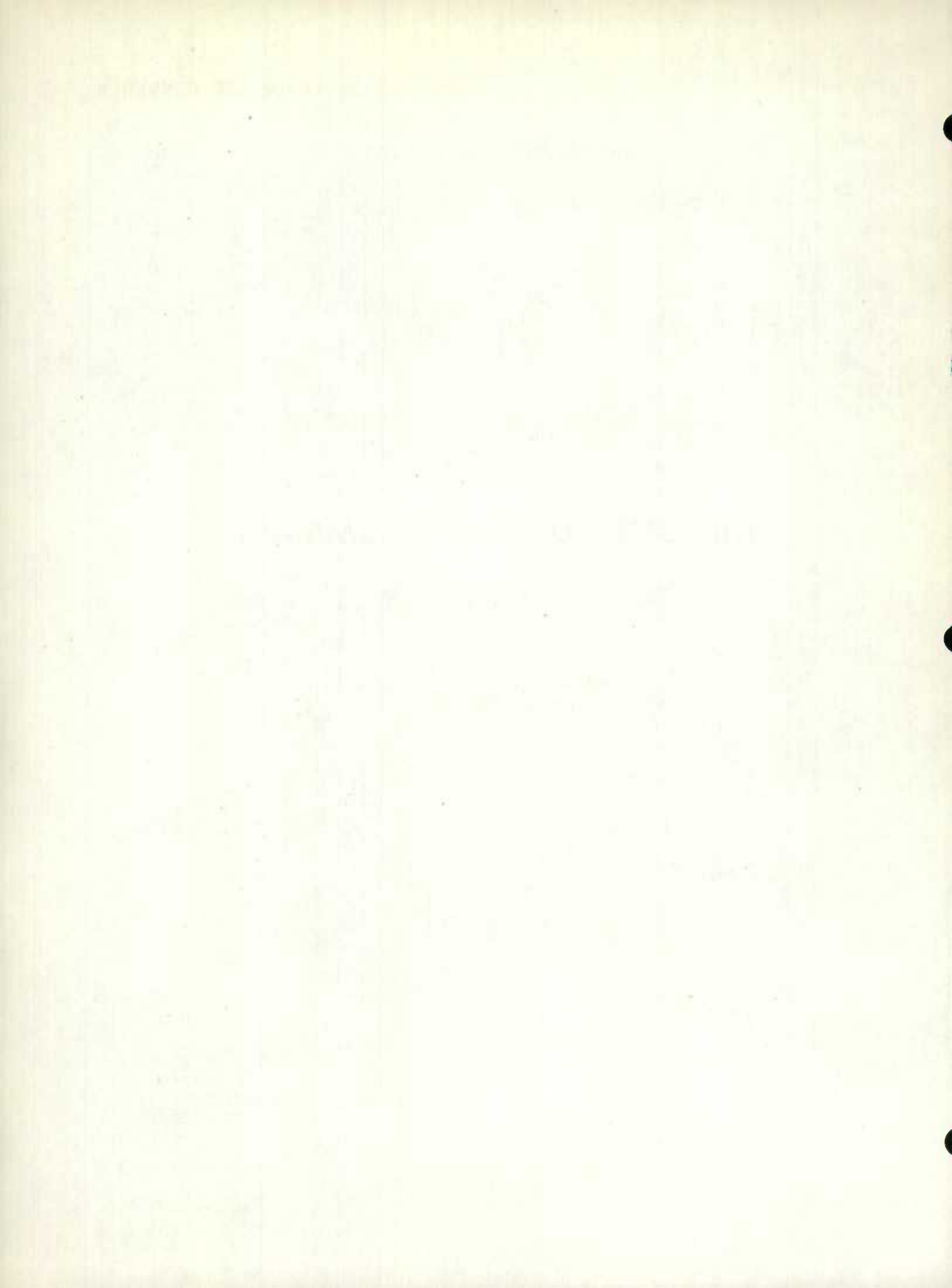
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THE CANNED FOODS SUMMARY

1949

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THE CANNED FOODS SUMMARY  
1949

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## NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Manufactures
- XIII Transportation Equipment
- XIV Non-ferrous Metals Manufactures
- XV Electrical Apparatus
- XVI Non-metallic Mineral Products
- XVII Coke and Gas—Petroleum Refining
- XVIII Chemicals and Allied Products

The present report belongs in Group III. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review
- B The Slaughtering and Meat Packing, and Sausage and Sausage Casings Industries
- C The Dairy Factory Industry
- D The Fish Processing Industry
- E The Fruit and Vegetable Preparations Industry
- F The Flour and Feed Milling Industry
- G The Breakfast Foods Industry
- H The Prepared Stock and Poultry Feeds Industry
- I The Biscuit Industry
- J The Bread and Other Bakery Products Industry
- K The Aerated Waters Industry
- L The Distilled Liquor Industry
- M The Brewing Industry
- N The Wine Industry
- O The Confectionery, Cocoa, Chocolate and Chewing Gum Industries
- P The Sugar Refining Industry
- Q The Malt and Malt Products Industry
- R The Macaroni and Kindred Products Industry
- S The Miscellaneous Foods Industry
- T The Canned Foods Summary

# THE CANNED FOODS SUMMARY

## 1949

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 1949 totalled about \$227,000,000. 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 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 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.

TABLE 1. Principal Statistics of the Industries Producing Canned Goods, 1948 and 1949

	Establish- ments	Total employees	Total salaries and wages	Gross value of production
	No.	No.	\$	\$
<b>1949</b>				
Fish, canned.....	232 <sup>2</sup>	10,200 <sup>2</sup>	9,150,000 <sup>2</sup>	37,247,473
Fruit and vegetable preparations <sup>1</sup> .....	473	14,992	23,863,821	148,762,324
Condensed and evaporated milk <sup>1</sup> .....	36	1,752	3,460,171	54,704,772
Meats, canned.....	25 <sup>2</sup>	556 <sup>2</sup>	1,460,091 <sup>2</sup>	19,050,750
<b>Total, 1949.....</b>	<b>766</b>	<b>27,500</b>	<b>37,934,083</b>	<b>259,763,319</b>
<b>1948</b>				
Fish, canned.....	232	9,739	9,366,499	42,148,530
Fruit and vegetable preparations <sup>1</sup> .....	499	16,644	25,450,961	165,505,303
Condensed and evaporated milk <sup>1</sup> .....	37	1,883	3,599,105	60,266,284
Meats, canned.....	26 <sup>2</sup>	715 <sup>2</sup>	1,736,297 <sup>2</sup>	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 other products manufactured by these industries. For production of canned goods only see Table 3.  
2. Estimated.

### Imports and Exports

Imports of canned foods during 1949 were valued at \$19,067,824, almost double that of 1948.

Fruits and vegetables not grown in Canada by reason of climatic conditions form the most important items of import. This table has been revised to include "Other canned foods", of which the largest single item is citrus fruit juices.

The exports of canned foods during 1949 amounted to \$36,954,403 with canned fish and concentrated milk products making up almost 80% of this amount.

The following table summarizes the imports and exports of canned foods by classes and value for significant years from 1939 to 1949.

## FOODS AND BEVERAGES

TABLE 2. Imports and Exports of Canned Foods, Calendar Years, 1939 to 1949

	1939	1940	1944	1945	1946	1947	1948	1949
	\$	\$	\$	\$	\$	\$	\$	\$
<b>Imports:</b>								
Canned fish.....	1,300,158	881,100	55,262	50,173	336,803	1,392,588	1,378,490	2,194,379
Canned fruits.....	1,108,515	1,231,936	25,599	52,454	292,605	3,218,418	3,191,128	5,087,102
Canned vegetables.....	316,232	511,464	198,961	336,379	536,286	2,852,361	310,954	77,920
Canned meats and soups...	1,015,556	853,146	994,102	173,503	307,008	373,838	146,270	2,659,051
Other canned foods <sup>1</sup> .....	1,079,973	1,439,467	2,833,164	1,069,448	7,972,258	5,821,511	4,521,259	8,950,411
Concentrated milk products <sup>2</sup>	73,601	180,499	383,349	97,864	502,242	977,522	175,189	98,961
<b>Total</b> .....	<b>4,894,035</b>	<b>5,097,612</b>	<b>4,490,437</b>	<b>1,779,821</b>	<b>9,947,202</b>	<b>14,636,238</b>	<b>9,723,290</b>	<b>19,067,824</b>
<b>Exports:</b>								
Canned fish.....	11,548,982	11,669,050	21,232,683	23,864,759	30,427,560	31,510,497	21,044,204	17,397,489
Canned fruits.....	3,089,768	1,832,695	309,041	1,422,569	1,632,744	2,882,288	654,409	1,110,959
Canned vegetables.....	2,906,919	2,533,821	671,433	1,587,889	1,613,191	1,385,309	845,038	365,193
Canned meats and soups...	4,432,127	1,587,385	11,325,382	22,289,058	28,196,576	21,557,910	11,508,370	5,276,651
Other canned foods <sup>3</sup> .....	1,789,029	810,512	358,124	884,641	3,484,869	3,058,116	845,138	816,033
Concentrated milk products <sup>2</sup>	3,295,009	4,298,778	5,423,636	12,218,133	9,910,583	12,009,484	16,622,196	11,988,078
<b>Total</b> .....	<b>27,041,834</b>	<b>22,732,241</b>	<b>39,320,299</b>	<b>62,267,049</b>	<b>75,265,523</b>	<b>72,403,604</b>	<b>51,519,355</b>	<b>36,954,403</b>

1. Includes fruit juices, fruit syrups, jams, marmalades etc.

2. Includes casein.

3. Includes spaghetti, macaroni, tomato paste, puree and tomato juice, infants' food, jams, fruit juices.

TABLE 3. Production of Canned Foods in Canada, 1935 to 1949

	Unit of measure	1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pounds	93,342,708	13,638,127	114,117,086	15,564,501
Canned fruits.....	Cases	1,825,613	4,757,301	2,052,077	5,318,731
Canned vegetables.....	Cases	6,602,822	12,101,138	7,410,145	13,963,401
Canned meats.....	Pounds	4,007,740	862,572	5,036,186	1,101,014
Canned soups.....	Cases	1,603,685	3,978,806	2,583,324	6,256,444
Other canned foods.....	Cases	-	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>54,703,528</b>
		1937		1938	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pounds	96,719,995	13,619,606	107,584,455	16,297,611
Canned fruits.....	Cases	2,120,413	5,251,981	2,018,554	4,556,282
Canned vegetables.....	Cases	9,611,050	17,117,580	8,710,103	14,519,983
Canned meats.....	Pounds	6,093,546	1,318,900	5,095,900	1,168,206
Canned soups.....	Cases	2,426,739	6,021,687	3,125,432	7,742,625
Other canned foods.....	Cases	-	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	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pounds	108,893,332	15,478,961	132,124,047	17,873,376
Canned fruits.....	Cases	3,547,542	7,789,005	5,221,419 <sup>1</sup>	6,740,876
Canned vegetables.....	Cases	7,615,449	14,526,671	18,972,699 <sup>1</sup>	16,812,119
Canned meats.....	Pounds	7,887,228	1,743,227	9,123,105	1,818,757
Canned soups.....	Cases	3,510,319	9,259,222	7,874,789 <sup>1</sup>	6,912,546
Other canned foods.....	Cases	-	9,113,941	-	9,828,268
Concentrated milk products.....	Cwt.	1,660,425	11,575,971	-	14,478,543
<b>Total</b> .....		-	<b>69,466,998</b>	-	<b>74,464,485</b>

1. Unit of Measure: Dozen cans.

THE CANNED FOODS SUMMARY

TABLE 3. Production of Canned Foods in Canada, 1935 to 1949 - Concluded

	Unit of Measure	1941		1945	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pounds	190,073,678	26,829,659	189,406,289	34,473,056
Canned fruits.....	Doz. cans	4,817,305	7,501,161	2,741,829	5,709,009
Canned vegetables.....	" "	23,560,220	22,689,459	19,506,157	22,643,212
Canned meats.....	Pounds	16,415,193	3,813,181	153,358,598	35,283,554 <sup>1</sup>
Canned soups.....	Doz. cans	11,065,144	10,207,193	16,338,883	15,868,485
Other canned foods.....	-	-	14,416,090	-	17,659,252
Concentrated milk products.....	-	-	19,570,999	-	29,895,009
<b>Total.....</b>		-	<b>105,037,742</b>	-	<b>161,531,577</b>
		1946		1947	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pounds	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.....	Pounds	210,098,653	43,710,776 <sup>1</sup>	116,241,005	30,391,681 <sup>1</sup>
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.....	Pounds	301,498,418	32,968,991	330,121,182	40,198,691
<b>Total.....</b>		-	<b>211,836,040</b>	-	<b>219,552,100</b>
		1948		1949	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pounds	121,938,397	42,148,530	96,860,208	37,247,473
Canned fruits.....	Doz. cans	5,661,401	14,903,597	8,316,422	18,451,162
Canned vegetables.....	" "	30,590,877	48,096,945	27,682,883	39,534,541
Canned meats.....	Pounds	75,819,495	26,960,271 <sup>1</sup>	58,549,946	24,859,834 <sup>1</sup>
Canned soups.....	Doz. cans	14,711,993	17,991,461	15,025,311	20,415,334
Other canned foods.....	Pounds	358,000,460	36,513,797	447,251,781	42,599,463
Concentrated milk products.....	Pounds	388,863,645	54,216,408	357,272,853	44,250,824
<b>Total.....</b>		-	<b>240,831,009</b>	-	<b>227,358,631</b>

1. Includes canned chicken, turkey, etc., meat pastes, ready dinners, stews, etc. from 1945 to 1949 inclusive.

TABLE 4. Production of Canned Foods, 1949

No	Unit of measure	Canada		Ontario		
		Quantity	Selling value at factory	Quantity	Selling value at factory	
		\$		\$		
1	<b>Fish, canned<sup>1</sup></b>	<b>Cases</b>	<b>2,017,921</b>	<b>37,247,473</b>	-	-
2	Cod	"	6,329	45,325	-	-
3	Haddock	"	6,277	57,858	-	-
4	Hake	"	29,380	246,328	-	-
5	Herring	"	83,564	471,382	-	-
6	Mackerel	"	6,439	42,931	-	-
7	Sardines	"	307,053	3,798,474	-	-
8	Pilchards	"	-	-	-	-
9	Salmon (inc. flakes)	"	1,438,536	27,705,545	-	-
10	Quahaugs	"	499	13,109	-	-
11	Clams	"	26,122	520,741	-	-
12	Lobsters	"	58,999	3,150,213	-	-
13	Lobster tomalley & paste	"	5,851	95,016	-	-
14	All other canned fish	"	28,853	849,251	-	-
15	Herring, kippered snacks	"	20,019	251,300	-	-
16	<b>Fruits, canned<sup>5</sup></b>	<b>Doz. cans</b>	<b>8,316,422</b>	<b>-</b>	<b>5,905,989</b>	<b>-</b>
17		<b>Pounds</b>	<b>127,165,310</b>	<b>18,451,162</b>	<b>81,776,160</b>	<b>12,223,471</b>
18	Apples including crabapples	Doz. cans	209,974	-	3	-
19		Pounds	13,741,691	1,091,350	3	3
20	Apple sauce	Doz. cans	477,976	-	3,16,540	-
21		Pounds	6,560,143	692,838	4,183,678	420,032
22	Apricots	Doz. cans	163,256	-	-	-
23		Pounds	2,353,054	441,234	-	-
24	Blackberries	Doz. cans	19,928	-	-	-
25		Pounds	237,691	42,054	-	-
26	Blueberries	Doz. cans	102,214	-	32,049	-
27		Pounds	1,603,153	287,727	575,670	107,545
28	Cherries	Doz. cans	421,686	-	358,852	-
29		Pounds	6,010,078	1,180,083	5,190,724	1,010,626
30	Fruit cocktail	Doz. cans	548,937	-	467,525	-
31		Pounds	6,643,836	1,228,972	5,646,794	983,781
32	Loganberries	Doz. cans	10,539	-	-	-
33		Pounds	147,512	31,373	-	-
34	Peaches	Doz. cans	3,275,357	-	2,537,930	-
35		Pounds	46,875,307	6,613,897	35,513,878	5,006,775
36	Pears, Bartlett	Doz. cans	636,625	-	378,650	-
37		Pounds	10,105,530	1,788,140	5,918,716	994,605
38	Pears, Keiffer	Doz. cans	999,554	-	898,773	-
39		Pounds	14,531,897	1,649,572	13,036,680	1,417,048
40	Plums, gages, etc.	Doz. cans	318,954	-	107,943	-
41		Pounds	4,744,193	397,108	1,748,448	145,757
42	Raspberries	Doz. cans	322,596	-	208,223	-
43		Pounds	3,738,896	946,302	2,379,898	622,748
44	Rhubarb	Doz. cans	30,182	-	29,670	-
45		Pounds	581,898	53,435	550,732	50,785
46	Strawberries	Doz. cans	262,095	-	91,434	-
47		Pounds	3,101,764	734,823	1,014,049	268,925
48	All other fruits	Doz. cans	516,549	-	478,400	-
49		Pounds	6,188,667	1,272,254	6,016,893	1,194,844
50	<b>Vegetables, canned, Total<sup>5</sup></b>	<b>Doz. cans</b>	<b>27,682,883</b>	<b>-</b>	<b>14,032,539</b>	<b>-</b>
51		<b>Pounds</b>	<b>401,948,624</b>	<b>39,534,541</b>	<b>207,925,326</b>	<b>20,652,259</b>
52	Asparagus	Doz. cans	319,075	-	241,504	-
53		Pounds	3,401,517	992,219	2,651,773	763,539
54	Beans, green or wax	Doz. cans	1,566,637	-	4	-
55		Pounds	20,880,475	2,185,649	4	4
56	Beans, baked (including lima beans)	Doz. cans	5,513,700	-	2,695,066	-
57		Pounds	79,378,010	7,702,721	40,695,977	4,422,648
58	Beets	Doz. cans	644,091	-	528,596	-
59		Pounds	9,623,188	892,409	7,779,739	726,310
60	Carrots	Doz. cans	429,840	-	254,946	-
61		Pounds	6,625,136	523,593	3,817,177	280,934
62	Carrots and peas combined	Doz. cans	394,910	-	4	-
63		Pounds	4,595,314	567,766	4	4
64	Corn, cream, whole grain, etc.	Doz. cans	9,143,867	-	4,942,552	-
65		Pounds	119,012,028	12,246,184	62,142,916	6,615,871
66	Mixed vegetables (macedoine)	Doz. cans	626,612	-	110,772	-
67		Pounds	8,296,359	861,597	1,484,120	177,697
68	Mushrooms	Doz. cans	136,298	-	23,710	-
69		Pounds	832,430	406,871	201,538	111,774
70	Peas	Doz. cans	4,647,558	-	2,271,095	-
71		Pounds	61,377,508	6,756,698	29,348,037	3,139,226
72	Pumpkin and squash	Doz. cans	79,385	-	42,349	-
73		Pounds	1,655,368	83,781	889,329	42,586
74	Spinach	Doz. cans	230,566	-	106,792	-
75		Pounds	2,998,685	387,692	1,270,943	185,514
76	Tomatoes	Doz. cans	3,710,872	-	2,513,303	-
77		Pounds	80,250,677	5,496,580	54,100,085	3,743,722
78	All other vegetables	Doz. cans	239,472	-	301,854	-
79		Pounds	3,021,929	430,781	3,543,692	442,436

1. Cases of 48 pounds.

2. Kippered snacks included with other canned fish for the provinces in accordance with the confidential clauses of the Statistics Act.

3. Included under "All other fruits".

4. Included under "All other vegetables".

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



THE CANNED FOODS SUMMARY

TABLE 4. Production of Canned Foods, 1949

Quebec		British Columbia		Other provinces		
Quantity	Selling value at factory	Quantity	Selling value at factory	Quantity	Selling value at factory	
	\$		\$		\$	
16,050	448,428	1,549,407	28,909,693	452,464	7,889,352	1
969	7,109	-	-	5,360	38,216	2
-	-	-	-	6,277	57,858	3
-	-	-	-	29,380	246,328	4
71	355	75,342	413,607	8,151	57,420	5
1,192	7,911	-	-	5,247	35,020	6
-	-	-	-	307,053	3,798,474	7
-	-	-	-	-	-	8
1,324	25,860	1,436,462	27,654,489	750	25,196	9
-	-	-	-	499	13,109	10
1,972	19,626	9,794	82,701	14,356	418,414	11
6,637	349,320	-	-	52,362	2,800,893	12
429	6,004	-	-	5,422	89,012	13
3,456	32,243	27,809	758,896	17,607	309,412	14
2	2	2	2	2	2	15
48,353	-	1,979,623	-	382,457	-	16
670,624	117,297	32,987,212	4,946,003	11,731,314	1,164,391	17
-	-	67,167	-	135,978	-	18
-	-	5,151,200	398,322	8,095,737	649,209	19
-	-	3	-	3	-	20
-	-	3	3	3	3	21
-	-	163,256	-	-	-	22
-	-	2,353,054	441,234	-	-	23
-	-	19,928	-	-	-	24
-	-	237,691	42,054	-	-	25
26,520	-	-	-	43,645	-	26
397,800	56,788	-	-	629,683	123,394	27
-	-	62,834	-	-	-	28
-	-	819,354	169,457	-	-	29
-	-	81,412	-	-	-	30
-	-	997,042	245,191	-	-	31
-	-	10,539	-	-	-	32
-	-	147,512	31,373	-	-	33
-	-	735,241	-	3	-	34
-	-	11,328,639	1,602,750	3	3	35
-	-	247,378	-	3	-	36
-	-	4,045,946	767,523	3	3	37
-	-	99,239	-	3	-	38
-	-	1,472,087	228,670	3	3	39
-	-	203,516	-	-	7,495	40
-	-	2,881,838	241,757	113,907	9,594	41
-	-	114,373	-	-	-	42
-	-	1,358,998	323,554	-	-	43
3	-	3	-	-	-	44
3	3	3	3	-	-	45
9,524	-	153,837	-	7,300	-	46
150,003	35,333	1,819,504	405,850	119,208	24,715	47
12,309	-	20,903	-	188,039	-	48
122,821	25,176	374,347	48,268	2,773,779	357,479	49
7,663,209	-	3,269,804	-	2,717,331	-	50
112,858,222	9,936,085	42,909,307	4,890,365	38,255,769	4,055,832	51
4	-	60,881	-	-	-	52
4	4	588,186	178,966	4	4	53
759,287	-	405,119	-	207,435	-	54
10,048,159	1,004,727	5,355,801	619,921	2,937,773	297,172	55
2,033,289	-	530,229	-	255,116	-	56
28,860,665	2,360,104	6,393,369	627,462	3,427,999	292,507	57
14,891	-	4	-	55,642	-	58
301,989	20,827	4	4	839,133	70,164	59
72,085	-	4	-	70,005	-	60
1,265,865	100,824	4	4	1,056,685	92,796	61
4	-	317,652	-	47,380	-	62
4	4	3,521,959	440,613	618,764	77,545	63
2,438,214	-	618,619	-	1,144,482	-	64
33,292,601	2,993,043	7,376,218	854,381	16,200,293	1,782,889	65
261,384	-	4	-	4	-	66
3,937,775	328,184	4	4	4	4	67
4	-	4	-	4	-	68
4	4	4	4	4	4	69
1,041,460	-	581,080	-	753,923	-	70
14,213,267	1,568,389	7,422,717	876,917	10,393,487	1,172,166	71
-	-	4	-	30,708	-	72
4	-	4	4	679,431	34,283	73
4	4	46,122	-	4	-	74
838,665	-	710,271	89,108	4	4	75
18,375,435	1,097,130	358,904	-	-	-	76
203,934	-	7,775,157	655,728	-	-	77
2,562,466	462,857	351,198	-	152,640	-	78
-	-	3,765,629	547,269	2,102,204	236,310	79

1. Cases of 48 pounds.  
 2. Kipperd snacks included with other canned fish for the provinces in accordance with the confidential clauses of the Statistics Act.  
 3. Included under "All other fruits".  
 4. Included under "All other vegetables".  
 5. Fruits and vegetables canned by domestic or home canners are not included.

TABLE 4. Production of Canned Foods, by Provinces, 1949 - Concluded

No.		Unit of measure	Canada		Ontario	
			Quantity	Selling value at factory	Quantity	Selling value at factory
				\$		\$
1	Other canned foods, total .....	Pounds	520,827,038	87,874,631	355,749,474	56,818,887
2	Soups, all kinds .....	Doz. cans	15,025,311	-	13,490,548	-
3		Pounds	123,057,016	20,415,334	101,108,451	18,651,237
	Meat, poultry, etc.:					
4	Meats, canned.....	Pounds	39,491,361	18,279,057	9,808,833	4,836,761
5	Poultry (chicken, turkey, etc.).....	Doz. cans	215,970	-	56,161	-
6		Pounds	1,287,420	901,455	354,451	181,234
7	Paste, meat, chicken, etc. ....	Pounds	4,941,603	2,217,513	260,617	99,126
8	Ready dinners, stews, etc. ....	Pounds	12,829,562	3,461,809	5,983,326	1,790,640
9	Spaghetti and macaroni (in cans, jars, etc.).....	Doz. cans	1,897,973	-	1,593,490	-
10		Pounds	24,271,550	2,805,675	20,222,020	2,414,544
11	Tomato juice .....	Doz. cans	4,852,943	-	4,136,555	-
12		Pounds	88,871,488	5,525,881	75,029,902	4,744,941
13	Tomato paste and puree, canned and other .....	Pounds	4,553,705	657,910	3,767,087	613,096
14	Tomato pulp, canned and other .....	Pounds	3,335,958	136,349	2,710,922	98,468
15	Tomato catsup, canned .....	Doz. cans	64,522	-	6,975	-
16		Pounds	2,247,734	222,404	527,303	51,621
17	Tomato catsup, other (in bottles, etc.).....	Pounds	17,786,095	3,933,684	16,855,782	3,822,927
18	Prepared foods for infants (except meats).....	Doz. cans	8,289,783	-	8,289,783	-
19		Pounds	30,390,647	7,450,216	30,390,647	7,450,216
20	Sauerkraut, canned and other .....	Pounds	6,126,800	444,813	5,473,177	403,246
21	Pie filling, apple.....	"	4,001,236	387,795	3,221,579	327,842
22	Pie filling, other .....	"	3,606,692	605,623	3,199,279	549,560
23	Apple juice, canned and other .....	"	39,422,766	2,197,932	15,470,104	885,786
24	Grape juice, canned, bottled, etc. ....	"	3,262,654	426,110	3,262,654	426,110
25	Other fruit juices, hottled, etc. ....	"	1,585,469	123,136	334,248	51,736
26	Jams, all kinds, in cans or jars .....	"	65,864,578	10,411,942	28,574,552	4,449,515
27	Jellies, all kinds, in cans or jars.....	"	5,346,983	917,661	3,280,433	617,988
28	Marmalades, all kinds, in cans or jars.....	"	17,534,498	2,544,938	11,815,092	1,801,514
29	Mince meat, in cans or jars.....	"	5,949,954	942,327	3,283,280	542,906
30	All other products, canned, bottled, etc.....	"	15,081,269	2,865,067	10,815,735	2,007,873
	<b>Concentrated milk products</b>					
	Condensed milk:					
31	Case goods .....	Pounds	15,737,000	2,708,705	6,752,051	1,294,148
32	Bulk goods.....	"	7,805,993	1,214,454	7,500,497	1,170,104
	Evaporated milk:					
33	Case goods .....	"	224,570,464	25,748,176	100,316,127	11,326,461
34	Bulk goods.....	"	6,720,557	630,828	141,342	13,525
35	Whole milk powder .....	"	13,107,684	4,787,063	10,198,625	3,931,329
36	Cream powder .....	"	24,934	13,713	24,934	13,713
37	Condensed skim milk.....	"	4,279,354	411,591	3,682,315	373,377
38	Evaporated skim milk .....	"	10,354,307	487,142	8,061,221	319,915
39	Skim milk powder.....	"	64,298,605	6,728,356	30,321,051	3,332,670
40	Condensed buttermilk .....	"	281,254	9,411	221,156	7,519
41	Buttermilk powder .....	"	4,685,108	364,948	1,710,108	134,670
42	Sugar of milk .....	"	1,424,200	247,706	1,424,200	247,706
43	Casein .....	"	3,537,888	749,314	888,877	195,543
44	Malted milk powder .....	"	445,505	149,417	445,505	149,417
45	<b>Total .....</b>	<b>"</b>	<b>357,272,853</b>	<b>44,250,824</b>	<b>171,688,009</b>	<b>22,510,097</b>

1. Included under "All other products canned, bottled, etc."

THE CANNED FOODS SUMMARY

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TABLE 4. Production of Canned Foods, by Provinces, 1949 - Concluded

Quebec		British Columbia		Other provinces		No.
Quantity	Selling value at factory	Quantity	Selling value at factory	Quantity	Selling value at factory	
	\$		\$		\$	
62,639,379	9,416,181	58,229,974	7,484,478	44,208,211	14,155,085	1
1,090,736	-	1	-	-	-	2
18,068,095	1,318,797	1	1	-	-	3
3,026,176	1,607,078	1,676,008	579,131	24,980,344	11,256,087	4
38,900	-	1	-	98,301	-	5
214,736	195,541	1	1	574,591	416,839	6
2,921,817	1,272,865	968,421	567,433	790,748	278,089	7
1,434,054	340,681	1	1	5,103,178	1,184,963	8
279,283	-	1	-	1	-	9
3,723,230	354,825	1	1	1	1	10
444,234	-	272,154	-	-	-	11
8,688,880	445,421	5,152,706	335,519	-	-	12
146,500	10,138	640,118	34,676	-	-	13
-	-	625,036	37,881	-	-	14
1	-	29,589	-	-	-	15
1	1	1,080,233	104,122	-	-	16
930,313	110,757	-	-	-	-	17
-	-	-	-	-	-	18
-	-	-	-	-	-	19
1	1	-	-	1	1	20
1	1	-	-	1	1	21
1	1	208,013	28,430	159,400	19,133	22
1	1	1	1	7,298,236	404,955	23
-	-	-	-	-	-	24
-	-	1	1	-	-	25
16,176,929	2,744,753	20,205,061	3,075,798	908,742	141,876	26
1,357,168	188,150	696,734	109,310	1	1	27
670,658	103,436	4,363,149	549,059	685,599	90,929	28
749,876	104,999	1,377,838	191,062	538,960	103,360	29
4,531,653	618,740	21,236,657	1,872,057	3,168,413	258,854	30
8,889,774	1,394,215	-	-	95,175	20,342	31
301,446	43,885	-	-	4,050	465	32
72,529,157	8,024,028	31,796,064	4,133,488	19,929,116	2,264,199	33
6,579,215	617,303	-	-	-	-	34
2,909,059	855,734	-	-	-	-	35
-	-	-	-	-	-	36
240,223	25,722	-	-	356,816	12,492	37
1,786,140	143,185	489,216	23,482	17,730	560	38
29,741,101	2,872,749	3,453,446	430,075	783,007	92,862	39
-	-	-	-	60,098	1,892	40
1,006,921	69,531	-	-	1,968,079	160,747	41
-	-	-	-	-	-	42
2,643,131	552,007	5,880	1,764	-	-	43
-	-	-	-	-	-	44
126,626,167	14,598,359	35,744,606	4,588,809	23,214,071	2,553,559	45

1. Included under "All other products canned, bottled, etc."

## Fish Canning

The principal varieties of fish used in Canadian canneries are in order of their importance: salmon, herring, sardines, lobsters, flaked fish, 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 1949 totalled 1,438,536 cases, valued at \$27,705,545. 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, 1876-1949

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	1944.....	1,099,852
1895.....	566,395	1931.....	686,697	1945.....	1,740,591
1900.....	606,530	1934.....	1,584,593	1946.....	1,350,356
1905.....	1,167,822	1937.....	1,509,520	1947.....	1,529,305
1910.....	762,201	1938.....	1,708,835	1948.....	1,310,842
1915.....	1,133,381	1939.....	1,539,794	1949.....	1,438,536

Pack of Salmon in the Province of British Columbia, by Species, 1939-1949

Species	1939	1941	1945	1946	1947	1948	1949
	cases	cases	cases	cases	cases	cases	cases
Sockeye.....	269,888	455,296	329,001	543,027	286,109	260,642	259,821
Springs, red.....	10,302	17,794	3,666	3,972	3,840	10,002	12,051
Springs, pink.....	2,848	3,912	2,686	523	2,166	890	817
Springs, white.....	2,947	28,771	6,447	2,823	3,496	4,881	7,176
Blueback.....	48,209	30,027	6,670	2,914	4,545	20,306	6,955
Steelhead.....	797	3,454	2,922	4,115	3,268	5,665	2,374
Coho.....	196,887	361,380	212,217	97,240	139,620	186,809	208,420
Pink.....	620,595	427,765	825,512	116,607	599,882	321,721	709,992
Chum.....	386,584	920,471	350,188	576,133	461,799	496,553	227,738
Jack spring.....	-	-	-	782	430	665	1,118
Flakes.....	-	-	-	-	-	-	-
<b>Total.....</b>	<b>1,539,057</b>	<b>2,248,870</b>	<b>1,739,309</b>	<b>1,348,136</b>	<b>1,505,155</b>	<b>1,308,134</b>	<b>1,436,462</b>

Note. The above table is submitted by the Salmon Canners 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 1949 the pack of lobster was 58,999 cases, and the value amounted to \$3,150,213, somewhat lower than 1948.

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.

## Annual Pack of Lobsters, 1897 to 1949

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.....	162,966	1942.....	63,535
1920.....	163,299	1944.....	66,834
1925.....	127,497	1945.....	65,525
1930.....	139,109	1946.....	71,280
1935.....	99,905	1947.....	49,820
1936.....	88,102	1948.....	60,770
1937.....	88,581	1949.....	58,999

**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 1949 the pack totalled 589,542 cases valued at \$3,798,474. There is an important market abroad for Canadian sardines, and large quantities are exported annually.

## Annual Pack of Sardines, 1917 to 1949

Year	Cases of 25 lbs	Year	Cases of 25 lbs.	Year	Cases of 25 lbs.
1917.....	168,365	1928.....	257,881	1939.....	539,486
1918.....	177,193	1929.....	329,204	1940.....	504,140
1919.....	119,225	1930.....	244,238	1941.....	614,222
1920.....	129,925	1931.....	202,520	1942.....	407,424
1921.....	111,835	1932.....	113,197	1943.....	545,510
1922.....	121,800	1933.....	180,597	1944.....	526,767
1923.....	268,800	1934.....	288,091	1945.....	474,176
1924.....	282,306	1935.....	338,436	1946.....	641,841
1925.....	209,649	1936.....	393,854	1947.....	914,117
1926.....	217,592	1937.....	423,043	1948.....	855,877
1927.....	240,091	1938.....	349,887	1949.....	589,542

## 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 can-

ning season begins in June and continues throughout the summer and the autumn until October, being at its height in July, August and September. The pack in 1949 consisted of 8,316,422 doz. cans of fruit and 27,682,883 doz. cans of vegetables. Other important canned products are: soups of all kinds, 15,025,311 doz. cans, tomato juice 4,852,943 doz. cans, prepared foods for infants 8,289,783 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 1948 and 1949

	1949		1948	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
<b>Canned vegetables:</b>				
Asparagus.....	940	220	-	-
Beans, (green, wax, baked).....	15,592	1,640	-	-
Corn.....	-	-	-	-
Mushrooms and truffles.....	152,054	60,006	114,055	41,766
Peas.....	-	-	-	-
Tomatoes.....	97,977	10,928	2,076,815	254,893
All other vegetables.....	25,775	5,126	60,230	14,295
<b>Total canned vegetables.....</b>	<b>292,338</b>	<b>77,920</b>	<b>2,251,100</b>	<b>310,954</b>
<b>Canned fruits:</b>				
Mixed fruits or fruits for salads.....	6,749,036	819,744	2,079,791	309,723
Peaches and apricots.....	6,008,751	581,810	3,832,270	357,515
Pears.....	1,371,398	147,943	586,688	64,044
Pineapple.....	20,719,922	3,402,186	15,318,561	2,417,894
All other fruits.....	1,155,638	135,419	376,360	41,952
<b>Total canned fruits.....</b>	<b>36,004,745</b>	<b>5,087,102</b>	<b>22,193,670</b>	<b>3,191,128</b>

## Exports of Canned Fruits and Vegetables, by Kinds, Calendar Years 1948 and 1949

	1949		1948	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
<b>Canned vegetables and vegetable products:</b>				
Corn.....	293,840	33,727	-	-
Peas.....	1,342,379	98,708	1,474,436	116,163
Beans, (baked).....	1,325,466	127,327	4,233,025	452,923
Tomatoes.....	293,070	20,320	866,982	76,243
Tomato paste, pulp and puree.....	476,248	51,057	13,894	3,355
Tomato juice.....	787,711	48,966	1,942,993	133,279
Tomato soup.....	3,553,953	342,735	1,710,720	212,512
Vegetables, canned or preserved, n.o.p.....	1,107,653	85,111	1,689,659	199,709
<b>Total canned vegetables.....</b>	<b>9,180,320</b>	<b>807,951</b>	<b>11,931,709</b>	<b>1,194,184</b>
<b>Canned fruits:</b>				
Pears.....	84,459	13,588	352,572	52,861
Apples.....	5,336,903	415,985	4,622,937	299,233
Peaches.....	55,800	8,688	234,329	37,808
Fruits, canned or preserved, n.o.p.....	5,217,666	672,698	1,060,269	264,507
<b>Total canned fruits.....</b>	<b>10,694,828</b>	<b>1,110,959</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 1949 was \$24,859,834. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1949 totalled \$20,415,334.

## 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-six 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.

Production of Concentrated Milk Products, 1917 to 1949

Year	Value of products	Year	Value of products
	\$		\$
1917.....	7,308,042	1933.....	5,536,888
1918.....	11,218,055	1934.....	5,991,759
1919.....	13,930,513	1935.....	6,849,989
1920.....	17,160,111	1936.....	7,434,896
1921.....	11,526,422	1937.....	10,078,192
1922.....	6,839,232	1938.....	11,844,817
1923.....	10,040,318	1939.....	11,575,971
1924.....	9,710,017	1940.....	14,478,543
1925.....	9,844,613	1941.....	19,570,999
1926.....	9,601,138	1942.....	24,487,982
1927.....	10,186,312	1944.....	27,829,398
1928.....	10,176,208	1945.....	29,895,009
1929.....	10,498,544	1946.....	32,968,991
1930.....	10,040,176	1947.....	40,198,691
1931.....	7,067,807	1948.....	54,216,408
1932.....	5,952,947	1949.....	44,250,824

Imports and Exports of Concentrated Milk Products Calendar Years 1920 to 1949

Year	Imports	Exports	Year	Imports	Exports
	\$	\$		\$	\$
1920.....	192,273	8,589,330	1935.....	22,318	2,247,075
1921.....	27,649	5,643,244	1936.....	35,876	1,886,468
1922.....	113,008	3,135,866	1937.....	115,683	3,174,594
1923.....	133,845	5,105,293	1938.....	61,188	3,456,398
1924.....	94,035	5,323,658	1939.....	73,601	3,295,009
1925.....	53,298	5,110,272	1940.....	180,499	4,298,778
1926.....	75,984	4,538,939	1941.....	142,154	7,218,907
1927.....	90,921	4,256,344	1942.....	791,924 <sup>1</sup>	6,776,050
1928.....	72,497	3,497,601	1943.....	133,780 <sup>1</sup>	5,433,172
1929.....	101,206	3,650,117	1944.....	383,349 <sup>1</sup>	5,423,636 <sup>2</sup>
1930.....	64,014	2,966,536	1945.....	97,864 <sup>1</sup>	12,218,123 <sup>2</sup>
1931.....	77,362	2,099,519	1946.....	502,242 <sup>1</sup>	9,910,583 <sup>2</sup>
1932.....	30,339	2,099,119	1947.....	977,522 <sup>1</sup>	12,009,484 <sup>2</sup>
1933.....	22,994	2,097,153	1948.....	175,189 <sup>1</sup>	16,622,196 <sup>2</sup>
1934.....	25,123	2,209,750	1949.....	98,961 <sup>1</sup>	11,988,078 <sup>2</sup>

1. Includes "dried whey".

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

## Consumption of Canned Foods in Canada, 1949

The value of canned foods available for consumption in Canada for the calendar years 1948 and 1949 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.

## FOODS AND BEVERAGES

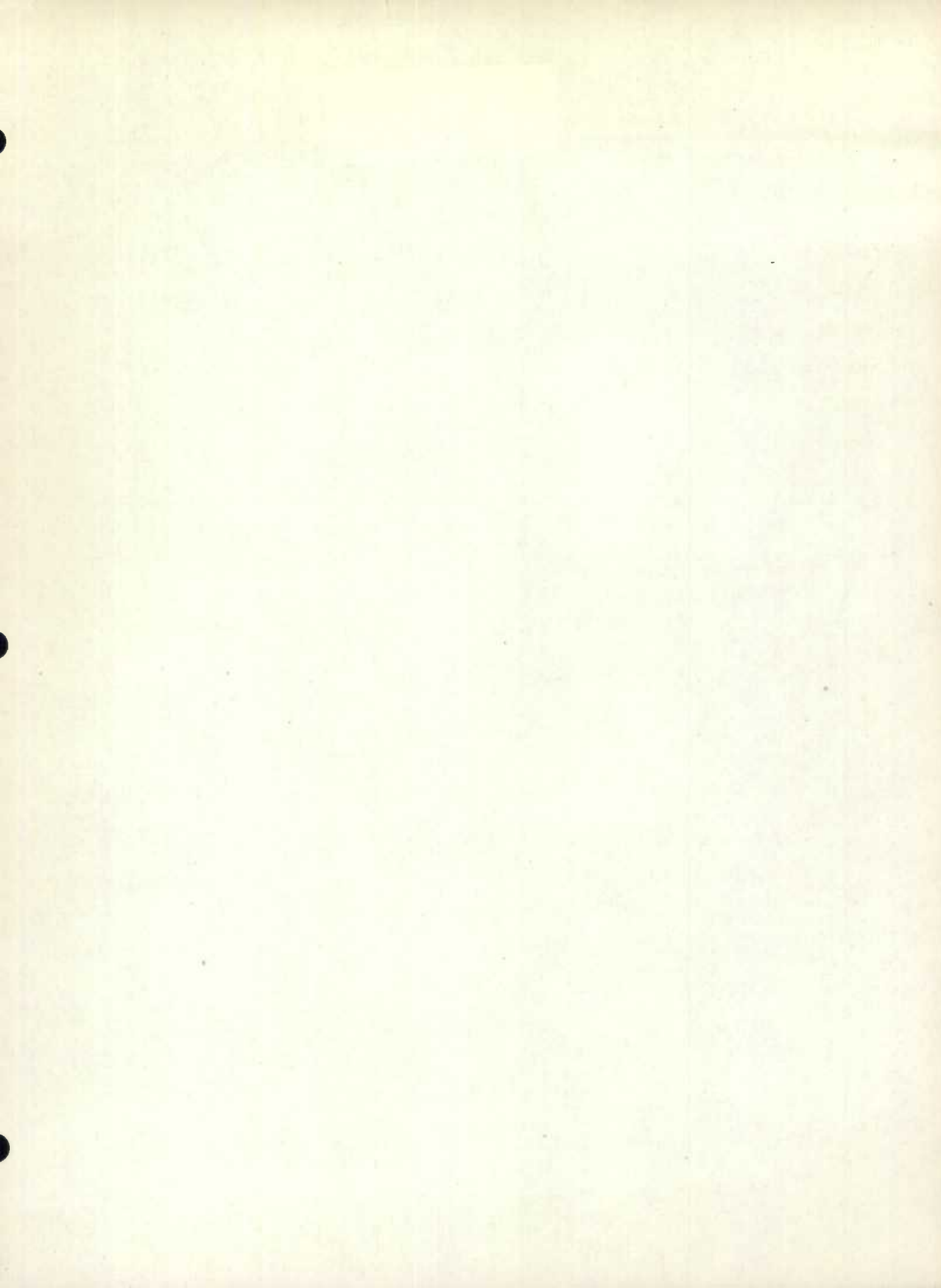
## Consumption of Canned Foods in Canada, 1948 and 1949

Classes of canned foods		Value of manufactures	Value of imports	Value of exports	Value available for consumption	
					Total	Per capita
		\$	\$	\$	\$	\$
Canned fish.....	1948	42,148,530	1,378,490	21,044,204	22,482,816	1.73
	1949	37,247,473	2,194,379	17,397,489	22,044,363	1.63
Canned fruits.....	1948	14,903,597	3,191,128	654,409	17,440,316	1.34
	1949	18,451,162	5,087,102	1,110,959	22,427,305	1.66
Canned vegetables.....	1948	48,096,945	310,954	845,038	47,562,861	3.67
	1949	39,534,541	77,920	365,193	39,247,268	2.90
Canned meats.....	1948	26,960,271	139,608	10,612,172	16,487,707	1.27
	1949	24,859,834	2,655,975	4,689,871	22,825,938	1.68
Canned soups.....	1948	17,991,461	6,662	896,198	17,101,925	1.32
	1949	20,415,334	3,076	586,780	19,831,630	1.46
Other canned foods <sup>1</sup> .....	1948	36,513,797	4,521,259	845,138	40,189,918	2.97
	1949	42,599,463	8,950,411	816,033	50,733,841	3.74
Concentrated milk products.....	1948	54,216,408	175,189	16,622,196	37,769,401	2.91
	1949	44,250,824	98,961	11,988,078	32,361,707	2.39
Total.....	1948	240,831,009	9,723,290	51,519,355	199,034,944	14.69
	1949	227,358,631	19,067,824	36,954,403	209,472,052	15.46

1. The imports and exports of "Other canned food" have been revised to include items listed under the heading in Table 4.

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