

32-211 c3



CANADA



THE CANNED FOODS SUMMARY 1952

Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
General Manufactures Section

6503-576
13-4-54

Price 25 cents

Vol. 2—Part III—S-1

NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries, **Volume II**—Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
 - Section 2. Principal Statistics of Individual Industries, 75¢
 - Section 3. Principal Statistics by Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part III, Foods and Beverages. 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, 25¢
- B—The Slaughtering and Meat Packing, and Sausage and Sausage Casings Industries, 25¢
- C—The Dairy Products Industry, 25¢
- D—The Fish Processing Industry, 25¢
- E—The Fruit and Vegetable Preparations Industry, 25¢
- F—The Flour and Feed Milling Industries, 25¢
- G—The Prepared Breakfast Foods Industry, 25¢
- H—The Prepared Stock and Poultry Feeds Industry, 25¢
- I—The Biscuit Industry, 25¢
- J—The Bread and Other Bakery Products Industry, 25¢
- K—The Carbonated Beverages Industry, 25¢
- L—The Distilling Industry, 25¢
- M—The Brewing Industry, 25¢
- N—The Wine Industry, 25¢
- O—The Confectionery Industry, 25¢
- P—The Sugar Refining Industry, 25¢
- Q—The Macaroni and Kindred Products Industry, 25¢
- R—The Miscellaneous Food Preparations Industry, 25¢
- S—The Canned Foods Summary, 25¢

THE CANNED FOODS SUMMARY

1952

The Canned Foods Summary is an annual report combining production statistics from all sources of foods packed in cans or other air-tight containers. The items include food products such as meat, fish, fruits, vegetables, juices, concentrated milk, etc., but do not include canned beer, dog food, etc.

In 1935 the gross value of production of canned foods was \$50,000,000 (see Table 1). Each succeeding year except 1943 and 1949 this production has increased until the 1952 value is over \$359,000,000, more than seven times the 1935 figure.

Since the introduction, about 150 years ago, of canning as a method of food preservation, food processors have constantly sought to improve their production, not only through new and improved methods but also by adding to the variety of foods which may be successfully canned. The canning industry is of great importance economically as it gives work to nearly thirty thousand people annually. Related fields of transportation, merchandising, etc. employ many more workers proportionately. The commercial canning of foods has saved housewives many hours of needless toil and has helped keep the food budget within reasonable bounds. In addition, the canning industries are important from the standpoint of nutrition. Throughout the whole year, it is now possible to enjoy canned foods with much of the flavour and all of the nourishment of fresh-cooked food. The consumer is protected by the inspection services of the Department of Agriculture and the Department of Fisheries, Ottawa.

The tables in this bulletin give details of the volume and value of production of various domestically canned foods as well as those imported from and exported to other countries. A supplementary table was added in 1951 to show per capita consumption of various canned foods from 1939 to date.

TABLE 1. Gross Value of Production of Principal Canned Foods, 1935-1952¹

Note. The values given here correspond to the quantities given in Table 2.

	Canned Fish	Canned Fruits	Canned Vegetables	Canned Meats ²	Canned Soups	Miscellaneous Canned Foods ³	Concentrated Milk Products	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1935	13,638,127	4,757,301	12,101,138	992,973	3,978,806	7,602,456	6,849,989	49,920,790
1936	15,564,501	5,318,731	13,963,401	1,551,061	6,256,444	9,931,021	7,434,896	60,020,055
1937	13,619,606	5,251,981	17,117,580	1,681,915	6,021,687	13,814,178	10,078,192	67,585,139
1938	16,297,611	4,556,282	14,519,963	1,833,926	7,742,625	13,101,998	11,844,817	69,897,222
1939	15,478,961	7,769,005	14,526,671	3,218,566	9,259,222	13,232,874	11,575,971	75,061,270
1940	17,873,376	6,740,876	16,812,119	2,902,769	6,912,546	17,384,233	14,478,543	83,104,462
1941	26,829,659	7,501,161	22,689,459	5,435,654	10,207,193	21,433,594	19,570,999	113,667,719
1942	31,943,416	6,057,333	22,690,913	8,367,783	8,850,693	20,216,935	24,487,982	122,615,055
1943	27,286,951	4,225,833	15,331,390	12,360,761	10,568,847	22,046,555	26,105,175	117,925,512
1944	26,046,074	6,548,931	26,951,532	25,677,616	14,756,625	32,061,768	27,829,398	159,871,944
1945	34,473,056	5,709,009	22,643,212	35,283,554	15,868,485	27,283,697	29,895,009	171,156,022
1946	39,113,884	12,000,242	31,106,845	43,710,776	25,092,969	40,891,205	37,968,991	224,884,912
1947	46,964,541	17,212,661	35,159,582	30,391,681	22,753,853	46,375,674	40,198,691	239,056,683
1948	42,148,530	14,903,597	48,096,945	26,960,271	17,991,461	52,137,412	54,216,408	256,454,624
1949	37,247,473	18,451,162	39,534,541	24,659,834	20,415,334	42,599,463	44,250,824	227,358,631
1950	42,947,564	18,553,967	39,320,486	28,985,773	26,683,077	47,106,988	47,076,784	250,674,639
1951	61,168,048	20,652,066	53,057,408	34,072,310	32,669,022	62,509,552	61,330,207	325,458,613
1952	40,793,468	14,681,209	60,133,387	81,773,875	34,672,953	65,574,899	61,755,498	359,385,289

1. Includes Newfoundland beginning 1951.

2. Includes meat, chicken, ready dinners, and meat pastes.

3. Includes juices, pie fillings, jams, mincemeat, etc.

TABLE 2. Volume of Production of Principal Canned Foods, 1935-1952¹

	Canned Fish	Canned Fruits	Canned Vegetables	Canned Meats	Canned Soups	Miscellaneous Canned Foods	Concentrated Milk Products
	Pounds	Dozen cans	Dozen cans	Pounds	Dozen cans	Pounds	Pounds
1935	93,342,708	1,825,613 ²	6,602,822 ²	4,666,683	1,603,665 ²	96,124,679	103,603,000
1936	114,117,086	2,052,077 ²	7,410,145 ²	6,733,940	2,583,324 ²	134,179,311	109,814,300
1937	96,719,995	2,120,413 ²	9,611,050 ²	7,976,364	2,426,739 ²	175,159,804	137,399,900
1938	107,584,455	2,018,554 ²	8,710,103 ²	8,733,308	3,125,432 ²	153,227,423	157,923,900
1939	108,893,332	3,547,542 ²	7,615,449 ²	16,826,963	3,510,319 ²	156,755,419	166,042,500
1940	132,124,047	5,221,419 ²	18,972,699 ²	14,838,871	7,874,789 ²	212,462,858	193,126,194
1941	190,073,678	4,817,305	23,560,220	24,265,275	11,065,144	248,469,639	236,002,697
1942	198,339,168	3,460,103	21,528,803	30,978,069	9,952,996	223,270,661	260,667,418
1943	166,564,042	1,955,045	13,007,228	44,391,283	11,502,759	265,522,235	255,759,313
1944	144,960,471	3,294,254	23,292,719	94,477,165	16,142,714	365,376,200	270,660,087
1945	189,406,289	2,741,829	19,506,157	153,358,598	16,338,883	278,729,924	295,269,781
1946	180,622,617	5,012,759	24,824,742	210,098,653	25,422,311	429,977,179	301,498,418
1947	191,597,664	7,012,690	22,425,957	116,241,005	19,492,519	392,771,254	330,121,182
1948	121,938,397	5,661,401	30,590,877	75,819,495	14,711,993	470,881,375	388,863,645
1949	96,860,208	8,316,422	27,682,683	58,549,946	15,025,311	447,251,781	357,272,853
1950	104,218,992	7,196,555	24,994,412	64,845,182	19,564,326	345,350,119	378,671,807
1951	133,382,256	8,259,099	29,821,585	66,764,951	22,517,141	422,530,859	431,245,033
1952	92,790,432	6,280,913	33,541,297	150,541,023	23,139,955	451,333,630	465,264,142

1. Includes Newfoundland beginning 1951.

2. These commodities are reported in cases from 1935 to 1940 inclusive.

Imports and Exports

Imports of canned foods during 1952 were valued at \$30,395,377. Fruits not grown in Canada or grown only in limited areas by reason of climatic conditions form the most important items of import, e.g., pineapple, apricots. For the same reason citrus fruit juices are being imported in increasingly large quantities. Canned beef was brought in from Australia during 1951 and gives the highest import figure to date for canned meats.

The exports of canned foods during 1952 amounted to \$40,853,575 with canned fish, canned meat, and concentrated milk products making up nearly 95% of this amount. The following table summarizes the imports and exports of canned foods by groups for significant years from 1939 to 1952.

TABLE 3. Imports of Canned Foods, Calendar Years

	Canned Fish	Canned Fruits	Canned Vegetables	Canned Meats	Soup and Soup Preparations	Miscellaneous Canned Foods	Concentrated Milk Products	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1939	1,300,158	1,108,515	316,232	1,001,547	14,009	648,083	73,601	4,462,145
1940	881,100	1,231,936	511,464	842,537	10,609	1,032,395	180,499	4,690,540
1945	50,173	52,454	336,379	104,857	68,646	828,385	97,864	1,538,758
1946	336,803	292,605	536,286	1,949	305,059	7,480,297	502,242	9,455,241
1947	1,392,588	3,218,418	2,852,361	102,919	270,919	5,553,820	977,522	14,368,547
1948	1,378,490	3,191,128	310,954	139,608	6,662	4,235,039	175,189	9,437,070
1949	2,194,379	5,087,102	77,920	2,655,975	3,076	8,242,633	98,961	18,360,046
1950	1,864,470	8,609,678	336,625	3,148,211	23,324	8,916,127	117,445	21,015,880
1951	2,833,849	9,674,737	1,848,116	7,482,098	79,992	8,538,236	885,005	31,342,033
1952	2,919,177	9,463,487	3,477,283	4,648,360	130,430	9,607,782	148,858	30,395,377

TABLE 4. Exports of Canned Foods, Calendar Years

	Canned Fish	Canned Fruits	Canned Vegetables	Canned Meats	Canned Soups	Miscellaneous Canned Foods	Concentrated Milk Products	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1939	11,548,982	3,089,768	2,906,919	832,280	3,599,847	1,769,029	3,295,009	27,041,834
1940	11,669,050	1,832,695	2,533,821	782,364	805,021	810,512	4,298,778	22,732,241
1945	23,864,759	1,422,569	1,587,889	21,752,276	536,782	884,641	12,218,133	62,267,049
1946	30,427,560	1,632,744	1,613,191	27,124,839	1,071,737	3,484,869	9,910,583	75,265,523
1947	31,510,497	2,882,288	1,385,309	19,778,437	1,779,473	3,058,116	12,009,484	72,403,804
1948	21,044,204	654,409	845,038	10,612,172	896,198	845,138	18,622,196	51,519,355
1949	17,397,489	1,110,959	365,193	4,689,871	586,780	795,717	11,988,078	36,934,087
1950	15,248,687	240,504	707,065	5,291,242	644,479	1,128,801	9,550,595	32,811,373
1951	18,192,679	177,800	2,385,715	6,752,952	995,830	853,777	9,700,894	37,059,647
1952	13,986,347	121,216	298,815	11,114,217	896,680	748,354	13,687,946	40,853,575

TABLE 5. Production of Canned Foods, by Provinces, 1952

No.		Canada			Ontario		
		Quantity		Selling value at factory	Quantity		Selling value at factory
		Dozen cans	Net weight of contents in pounds		Dozen cans	Net weight of contents in pounds	
			\$			\$	
Fish canned (includes domestic canners):							
1	Clams	cases	38,350	1,840,800	1,070,136	—	—
2	Cod	cases	6,690	321,120	66,470	—	—
3	Haddock	cases	60	2,880	543	—	—
4	Hake	cases	44,925	2,156,400	385,658	—	—
5	Herring	cases	19,961	958,128	142,500	—	—
6	Herring, kippered snacks	cases	31,515	1,512,720	379,757	—	—
7	Lobster	cases	59,386	2,850,528	3,466,579	—	—
8	Lobster tomalley & paste	cases	8,242	395,616	163,661	—	—
9	Mackerel	cases	3,633	174,384	28,957	—	—
10	Quahags	cases	5,092	244,416	68,683	—	—
11	Salmon	cases	1,304,933	62,636,784	28,666,048	—	—
12	Sardines	cases	329,689	15,825,072	4,176,895	—	—
13	Tuna	cases	54,310	2,606,880	1,542,718	—	—
14	All other	cases	26,348	1,264,704	634,863	—	—
15	Total, canned fish	Cases	1,933,134	92,790,432	40,793,468	—	—
Fruits, canned⁴:							
16	Apples including crabapples		170,861	9,898,135	934,545	1,850	145,476
17	Apple sauce		235,066	3,358,834	351,860	97,144	1,523,337
18	Apricots		308,654	4,669,218	791,070	2	2
19	Blackberries		21,156	301,546	59,904	—	—
20	Blueberries		80,854	1,349,778	276,985	31,827	650,214
21	Cherries		446,290	6,397,045	1,041,771	377,623	5,455,787
22	Fruit cocktail and fruits for salad		286,781	3,335,672	648,270	243,586	2,897,937
23	Loganberries		35,927	493,680	109,983	—	—
24	Peaches		2,618,221	39,493,349	5,702,541	2,034,279	31,182,359
25	Pears, Bartlett		257,134	3,640,286	683,996	112,376	1,647,083
26	Pears, Kieffer		581,385	9,691,474	1,101,333	524,399	8,979,802
27	Plums, gages, etc.		410,536	7,335,789	691,702	203,759	3,810,935
28	Raspberries		223,604	2,790,944	654,768	160,204	1,918,200
29	Rhubarb		2,447	204,160	17,117	2	2
30	Strawberries		377,898	4,508,416	1,019,275	208,116	2,397,173
31	All other fruits		224,099	3,030,601	596,089	194,816	2,758,163
32	Total		6,280,913	100,498,927	14,681,209	4,189,979	63,366,466
Vegetables, canned⁴:							
33	Asparagus		297,353	2,979,691	1,015,062	221,038	2,205,392
34	Beans, green or wax		3,797,441	55,835,776	6,577,226	332,720	5,056,212
35	Beans, baked		7,082,300	93,706,432	10,829,541	3,529,642	45,253,788
36	Beans, lima		178,110	2,116,898	301,759	156,182	1,867,796
37	Beets		360,617	5,711,827	584,815	250,155	3,740,302
38	Carrots		166,595	3,193,227	263,658	64,801	1,183,552
39	Carrots and peas combined		280,400	3,241,444	454,006	34,522	433,748
40	Corn, cream, whole grain		6,687,608	69,095,983	10,588,447	3,915,870	53,682,268
41	Corn on the cob		85,157	2,269,893	222,573	3	3
42	Mixed vegetables (macedoine)		564,888	8,215,398	837,476	3	3
43	Mushrooms		217,186	1,524,772	885,911	113,884	925,620
44	Peas		6,920,971	96,394,765	13,172,000	3,397,142	47,588,361
45	Pumpkin and squash		581,674	12,798,473	999,924	445,334	10,109,650
46	Spinach		53,635	766,431	96,967	22,505	293,532
47	Tomatoes		5,904,731	126,580,997	12,573,240	3,989,288	85,158,493
48	All other vegetables		362,631	4,330,499	730,762	285,194	3,523,175
49	Total		33,541,297	508,764,506	60,133,387	16,758,277	261,021,889

1. Included under "All other canned fish".

2. Included under "All other fruits".

3. Included under "All other vegetables".

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

TABLE 5. Production of Canned Foods, by Provinces, 1952 - Concluded

No.	Canada			Ontario		
	Quantity		Selling value at factory	Quantity		Selling value at factory
	Dozen cans	Net weight of contents in pounds		Dozen cans	Net weight of contents in pounds	
			\$			\$
	Meats, canned, all kinds:					
1	Meats	— 128,634,857	73,419,536	—	42,376,803	26,935,329
2	Poultry (chicken, turkey, etc.)	— 1,966,583	1,675,533	—	213,716	182,357
3	Paste, meat, chicken, etc.	— 4,717,801	2,264,900	—	50,575	31,558
4	Ready dinner, stews, etc.	— 15,221,782	4,413,906	—	4,953,733	1,584,825
5	Total, meats, canned	— 150,541,023	81,773,875	—	47,594,827	28,734,069
	Other fruit and vegetable products:					
	Juices:					
6	(a) Tomato	8,388,515	155,104,739	12,982,777	6,869,111	128,707,756
7	(b) Apple	1,262,110	33,835,973	2,658,075	284,944	7,695,471
8	(c) Grape	—	5,566,596	591,197	—	5,546,596
9	(d) Other fruit	—	2	2	—	2
	Pie fillings:					
10	(a) Apple	—	4,382,105	490,988	—	4,044,446
11	(b) Other fruit	—	9,296,884	1,786,949	—	8,551,973
	Infants foods:					
12	(a) Fruits	2,507,016	9,088,813	2,554,705	2,507,016	9,088,813
13	(b) Vegetables	1,336,645	4,879,607	1,405,738	1,336,645	4,879,607
14	(c) Soups	1,073,879	3,747,911	1,072,924	1,073,879	3,747,911
15	(d) Other (pudding, etc.)	4,933,375	18,372,256	5,273,204	4,933,375	18,372,256
16	Soups, all kinds, except infants	23,139,955	202,957,497	34,672,953	21,006,376	174,090,488
17	Spaghetti, macaroni etc.	2,464,413	30,776,265	4,245,416	2,096,301	25,519,493
18	Tomato paste and purée	253,407	10,706,665	1,851,890	235,795	9,227,052
19	Tomato pulp	—	4,580,836	278,282	—	3,286,207
20	Tomato catsup	—	32,929,193	8,104,474	—	30,884,011
21	Sauerkraut	—	6,157,243	460,767	—	6,034,715
22	Jams	—	71,743,143	12,629,025	—	29,910,598
23	Jellies	—	4,513,981	973,066	—	2,906,873
24	Marmalades	—	19,726,917	3,483,488	—	13,353,263
25	Mincemeat	—	7,185,726	1,176,404	—	3,757,686
26	All other fruit and vegetable products, mainly canned	—	18,738,777	3,555,530	—	16,380,619
27	Total	— 654,291,127	100,247,852	—	505,985,834	81,729,167
	Concentrated milk products:					
	Condensed milk:					
28	Case goods	—	8,108,213	1,354,742	—	2
29	Bulk goods	—	7,954,170	1,347,304	—	2
	Evaporated milk:					
30	Case goods	—	296,094,466	36,781,093	—	138,232,191
31	Bulk goods	—	10,132,034	1,168,014	—	387,676
32	Whole milk powder	—	15,397,514	5,087,600	—	8,362,178
33	Condensed skim milk	—	4,217,579	464,997	—	3,900,613
34	Evaporated skim milk	—	11,660,753	514,594	—	8,572,439
35	Skim milk powder	—	81,996,240	10,333,119	—	38,185,475
36	Condensed buttermilk	—	296,255	10,263	—	2
37	Buttermilk powder	—	6,833,930	596,182	—	2,755,975
38	Casein	—	2,995,755	744,902	—	597,340
39	Whey powder	—	6,348,766	864,834	—	5,447,100
40	Unclassified products of a variable fat content	—	11,903,338	2,190,449	—	10,785,883
41	Cream powder, lactose (milk sugar) malted milk powder	—	1,325,109	297,405	—	1,325,109
42	Total	— 465,264,142	61,755,498	—	232,163,522	31,163,297

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

3. Included in "Other provinces."

TABLE 5. Production of Canned Foods, by Provinces, 1952 - Concluded

Quebec			British Columbia			Other provinces			No.
Quantity		Selling value at factory	Quantity		Selling value at factory	Quantity		Selling value at factory	
Dozen cans	Net weight of contents in pounds		Dozen cans	Net weight of contents in pounds		Dozen cans	Net weight of contents in pounds		
		\$			\$			\$	
-	22,676,335	12,355,172	-	1,900,114	1,111,889	-	62,109,557	33,460,455	1
-	857,818	660,894	-	1	1	-	467,097	388,973	2
-	3,177,274	1,516,259	-	632,403	353,103	-	857,549	363,980	3
-	4,500,695	1,210,101	-	343,204	105,186	-	5,424,150	1,513,794	4
-	31,212,122	15,742,426	-	2,875,721	1,570,178	-	68,858,353	35,727,202	5
1,280,467	21,919,556	1,516,138	238,937	4,477,427	428,074	-	-	-	6
2	2	2	634,680	16,854,419	1,564,027	296,521	8,579,126	525,506	7
-	-	-	-	2	2	-	-	-	8
-	-	-	-	-	-	-	-	-	9
-	2	2	-	2	2	-	2	2	10
-	2	2	-	2	2	-	2	2	11
-	-	-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	15
1,058,981	26,360,385	2,447,628	2	2	2	2	2	2	16
2	2	2	2	2	2	2	2	2	17
1,889	148,847	13,346	15,723	1,330,766	135,602	-	-	-	18
-	-	-	-	1,294,629	99,286	-	-	-	19
-	1,309,474	235,149	-	735,708	81,107	-	-	-	20
-	2	2	-	-	-	-	2	2	21
-	17,472,266	2,954,562	-	23,426,015	4,185,010	-	934,264	226,493	22
-	746,769	126,238	-	860,339	154,868	-	-	-	23
-	617,415	108,448	-	5,405,157	747,196	-	2	2	24
-	642,041	102,066	-	1,974,902	346,700	-	811,097	137,563	25
-	8,056,857	1,342,045	-	2,819,407	822,288	-	1,528,427	219,345	26
-	77,273,610	8,845,620	-	59,178,769	8,564,158	-	11,852,914	1,108,907	27
-	3	3	-	-	-	-	8,108,213	1,354,742	28
-	3	3	-	-	-	-	7,954,170	1,347,304	29
-	99,407,549	11,910,263	-	3	3	-	58,454,746	8,088,700	30
-	9,744,358	1,152,256	-	-	-	-	-	-	31
-	7,035,336	2,498,735	-	-	-	-	-	-	32
-	3	3	-	-	-	-	316,966	38,036	33
-	3,088,314	167,211	-	-	-	-	-	-	34
-	40,893,595	4,603,673	-	3	3	-	2,917,170	510,207	35
-	-	-	-	-	-	-	296,255	10,263	36
-	2,023,280	178,534	-	-	-	-	2,054,675	174,202	37
-	2,398,415	605,231	-	-	-	-	-	-	38
-	419,165	27,183	-	3	3	-	482,501	38,601	39
-	3	3	-	3	3	-	1,117,455	194,951	40
-	-	-	-	-	-	-	-	-	41
-	168,205,387	21,650,575	-	42,718,875	6,098,958	-	22,176,358	2,842,668	42

1. Included with canned meat.
 2. Included under "All other products canned, bottled, etc."
 3. Included in "Other provinces".

Fish Canning

The principal varieties of fish used in Canadian canneries are, in order of their importance: salmon, sardines, lobsters, herring, 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 1952 totalled 1,304,933 cases, valued at \$28,666,048. 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.

TABLE 6. Annual Pack of Salmon in Canada, 1876-1952

Year	Cases of 48 lbs.	Year	Cases of 48 lbs.	Year	Cases of 48 lbs.
1876.....	9,847	1925.....	1,719,282	1945.....	1,740,591
1885.....	108,517	1930.....	2,223,469	1946.....	1,350,358
1890.....	409,464	1931.....	686,697	1947.....	1,529,305
1895.....	566,395	1934.....	1,584,593	1948.....	1,310,842
1900.....	606,530	1938.....	1,708,835	1949.....	1,438,536
1905.....	1,167,822	1939.....	1,539,794	1950.....	1,493,130
1910.....	762,201	1940.....	1,471,435	1951.....	1,957,105
1915.....	1,133,381	1941.....	2,208,280	1952.....	1,304,933
1920.....	1,187,616	1944.....	1,099,852		

TABLE 7. Pack of Salmon in the Province of British Columbia, by Species, 1939-1952

Species	1939	1941	1946	1947	1948	1949	1950	1951	1952
	cases								
Sockeye.....	269,888	455,296	543,027	286,109	260,644	259,821	408,047	428,299	449,495
Springs, red.....	10,302	17,794	3,972	3,840	10,002	12,051	4,699	6,370	5,104
Springs, pink.....	2,848	3,912	523	2,166	890	817	1,321	2,185	106
Springs, white.....	2,947	28,771	2,823	3,496	4,881	7,176	2,593	4,005	2,640
Blueback.....	48,209	30,027	2,914	4,545	20,396	6,955	7,723	13,237	5,582
Steelhead.....	797	3,454	4,115	3,268	5,576	2,374	3,225	3,655	3,732
Coho.....	196,887	361,380	97,240	139,620	186,810	208,420	115,903	299,608	59,371
Pink.....	620,595	427,765	116,608	599,883	321,720	709,992	445,382	736,093	679,182
Chum.....	386,584	920,471	576,134	461,800	496,553	227,738	502,528	461,806	91,887
Jack spring.....	—	—	782	430	665	1,118	613	1,138	1,428
Total.....	1,539,057	2,248,870	1,348,138	1,505,157	1,308,137	1,436,462	1,492,034	1,956,396	1,298,557

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 Prince Edward Island 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 1952 the

pack of lobster was 59,386 cases, and the value amounted to \$3,466,579, somewhat lower than 1951.

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.

TABLE 8. Annual Pack of Lobsters, 1897 to 1952

Year	Cases of 48 pounds	Year	Cases of 48 pounds
1897	231,886	1939	85,393
1900	219,756	1940	58,996
1905	219,534	1941	58,517
1910	183,094	1944	96,834
1915	162,965	1945	65,525
1920	163,299	1946	71,280
1925	127,497	1947	49,320
1930	139,109	1948	60,770
1935	99,905	1949	58,999
1936	83,102	1950	70,327
1937	88,581	1951	63,980
1938	92,004	1952	59,386

Sardine Canning.—Sardine is the name given to the young herring that is used for canning. New Brunswick produces almost the entire Canadian pack of canned sardines and in that province it is the leading fishing industry. The number of sar-

dine canneries is small, but those in operation are of large size. In 1952 the pack totalled 633,003 25-pound cases valued at \$4,176,895. There is an important market abroad for Canadian sardines, and large quantities are exported annually.

TABLE 9. Annual Pack of Sardines, 1917 to 1952

Year	Cases of 25 lbs.	Year	Cases of 25 lbs.	Year	Cases of 25 lbs.
1917	168,365	1929	329,204	1941	614,222
1918	177,193	1930	244,238	1943	545,510
1919	119,225	1931	202,520	1944	526,767
1920	120,325	1932	113,197	1945	474,176
1921	111,835	1933	160,597	1946	641,841
1922	121,800	1934	288,091	1947	914,117
1923	268,800	1935	338,436	1948	855,877
1924	282,306	1936	393,854	1949	589,542
1925	209,649	1937	423,043	1950	723,760
1926	217,592	1938	349,887	1951	667,081
1927	240,091	1939	539,486	1952	633,003
1928	257,881	1940	504,140		

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 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

1952 consisted of 6,280,913 dozen cans of fruit and 33,541,297 dozen cans of vegetables. Other important canned products are: soups of all kinds, 23,139,955 dozen cans, tomato juice 8,388,515 dozen cans, prepared foods for infants 9,850,915 dozen cans, etc. For detailed statistics of production of canned fruits and vegetables, by provinces, see Table 5.

TABLE 10. Imports of Canned Fruits, Vegetables, Juices, etc., Calendar Years 1951 and 1952

	1951		1952	
	Quantity	Value	Quantity	Value
		\$		\$
Canned vegetables:				
Asparagus..... lb.	454,792	79,209	372,484	72,465
Beans, (green, wax, baked).....	709,062	57,900	2,365,810	200,183
Corn.....	42,452	3,388	45,577	3,108
Mushrooms and truffles.....	100,235	45,875	525,122	217,914
Peas.....	104,067	12,202	584,830	65,828
Tomatoes and tomato products.....	12,179,330	1,505,889	27,532,319	2,663,207
All other vegetables.....	968,794	143,653	2,120,825	254,578
Total.....	14,558,732	1,848,116	33,546,967	3,477,283
Canned fruits:				
Mixed fruits or fruits for salads.....	25,397,276	3,780,870	32,257,844	4,252,048
Peaches and apricots.....	15,872,905	2,003,118	9,337,946	1,152,312
Pears.....	2,629,070	321,593	1,127,621	162,573
Pineapple.....	21,193,404	3,109,704	27,244,378	3,514,689
All other fruits.....	3,867,698	459,452	3,387,851	381,865
Total.....	69,960,353	9,674,737	73,355,640	9,463,487
Other products:				
Jams, jellies, and preserves.....	3,687,977	671,186	3,957,716	690,876
Fruit juice, concentrated, frozen..... gal.	145,790	566,592	496,638	1,352,949
Orange juice.....	3,403,682	2,520,076	4,630,362	2,854,636
Blended fruit juices.....	2,571,775	1,734,202	3,122,795	1,624,534
Grapefruit juice.....	3,021,483	1,852,835	3,168,075	1,512,029
Pineapple juice.....	967,946	713,347	1,623,780	1,017,235
Other juices.....	316,261	479,998	411,389	555,523
Total.....	—	8,538,236	—	9,607,782

TABLE 11. Exports of Canned Fruits, Vegetables, Juices, etc., Calendar Years 1951 and 1952

	1951		1952	
	Quantity	Value	Quantity	Value
		\$		\$
Canned vegetables:				
Corn..... lb.	17,525,553	1,879,461	352,476	48,737
Peas.....	635,399	71,507	428,932	44,524
Beans (green, wax, baked).....	1,435,888	165,009	1,291,676	136,375
Tomatoes.....	2,490,147	203,443	132,153	12,401
Vegetables, canned or preserved, n.o.p.....	470,817	66,295	390,395	56,778
Total.....	22,607,804	2,385,715	2,595,632	298,815
Canned fruits:				
Pears.....	78,051	12,803	60,322	8,997
Apples.....	892,179	76,297	472,766	39,868
Peaches.....	40,598	6,859	79,791	12,259
Fruits, canned or preserved, n.o.p.....	344,349	81,841	234,299	60,092
Total.....	1,355,177	177,800	847,178	121,216
Other products:				
Tomatoe paste, pulp, and puree.....	1,079,844	125,496	3,760	968
Tomatoe juice.....	1,550,442	116,873	1,056,392	87,489
Tomatoe soup.....	5,814,080	605,810	4,148,820	453,225
Soups, n.o.p.....	2,227,484	390,020	2,626,379	443,455
Jams, jellies, and preserves.....	1,547,041	309,695	1,961,626	372,335
Apple juice..... gal.	211,861	208,415	206,078	238,242
Infants foods..... lb.	198,483	46,290	92,641	21,601
Macaroni, spaghetti and vermicelli, canned.....	423,534	47,008	238,883	27,719

Meat Canning

The total value of canned meats shipped from packing plants in Canada during 1952 was \$81,773,875, the most important single item being spiced pork and ham. There were 89,475,261 pounds of this commodity shipped from the plant at a selling value of \$48,697,597. Meat canning is carried on most extensively in the Prairie Provinces where abundant grazing land affords feed for large herds of cattle, and the large grain crops provide feed for hogs. Large meat-packing plants have been built in Alberta and Manitoba, and the canning of meat is becoming an increasingly important side-line to the main packing industry.

In 1952 there was a tremendous increase in canned meat production owing to the outbreak early in the year of the foot-and-mouth disease. Since the United States immediately imposed restrictions on the importation of Canadian livestock and meat products, a surplus was built up which threatened the economic stability of the industry. The Federal Government adopted emergency control measures in an effort to offset this surplus. Under these measures meat packers canned the surplus and this was held under Government control to be released for domestic consumption or export as the opportunity arose.

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-three 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 1917-1952 is given in the following table.

TABLE 12. Production of Concentrated Milk Products, 1917 to 1952

Year	Value of products	Year	Value of products
	\$		\$
1917	7,308,042	1934	5,991,759
1918	11,218,055	1935	6,849,989
1919	13,930,513	1936	7,434,896
1920	17,160,111	1937	10,078,192
1921	11,526,422	1938	11,844,817
1922	6,839,232	1939	11,575,971
1923	10,040,318	1940	14,478,543
1924	9,710,017	1941	19,570,999
1925	9,844,613	1944	27,829,398
1926	9,601,138	1945	29,895,009
1927	10,186,312	1946	32,968,991
1928	10,176,208	1947	40,198,691
1929	10,498,544	1948	54,216,408
1930	10,040,176	1949	44,250,824
1931	7,067,807	1950	47,076,784
1932	5,952,947	1951	61,330,207
1933	5,536,888	1952	61,755,498

TABLE 13. Imports and Exports of Concentrated Milk Products Calendar Years 1920 to 1952

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	3,135,868	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	4,298,778
1925	53,298	5,110,272	1941	142,154	7,218,907
1926	75,984	4,538,939	1943	133,780 ¹	5,433,172
1927	90,921	4,256,344	1944	383,349 ¹	5,423,636 ²
1928	72,497	3,497,601	1945	97,864 ¹	12,218,123 ²
1929	101,206	3,650,117	1946	502,242 ¹	9,910,583 ²
1930	64,014	2,966,538	1947	977,522 ¹	12,009,484 ²
1931	77,362	2,099,519	1948	175,189 ¹	16,622,196 ²
1932	30,339	2,099,119	1949	98,961 ¹	11,988,078 ²
1933	22,994	2,097,153	1950	117,445 ¹	9,550,595 ²
1934	25,123	2,209,750	1951	885,005 ¹	9,700,894 ²
1935	22,318	2,247,075	1952	148,858 ¹	13,687,946 ²

1. Includes "dried whey".
2. Exclusive of "milk preparations, n.o.p."

Consumption of Canned Foods in Canada, 1939 to 1952

The following table gives the per capita consumption in Canada of various canned foods. The method of arriving at con-

sumption figures is shown in detail for 1951 and 1952. All figures given are in pounds.

FOODS AND BEVERAGES

TABLE 14. Per Capita Consumption of Canned Foods, 1939-1950

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Population—000's omitted: (Decennial census, June 1, 1951).....	11,267	11,381	11,507	11,654	11,795	11,946	12,072	12,292	12,551	12,823	13,447	13,712
Canned Fruits:	Pounds											
Apple products, except juice	3.1	4.4	1.8	2.5	2.1	3.1	1.5	2.5	3.5	2.3	2.0	2.7
Apricots .....	.3	.2	.4	.3	.1	.1	.1	.2	.4	.3	.3	.3
Peaches	1.5	1.6	2.6	3.4	1.1	.9	1.5	2.5	3.7	2.7	3.2	3.8
Pears .....	.9	.3	1.3	1.7	1.0	1.4	1.1	.8	1.5	1.5	1.5	1.8
Raspberries .....	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2
Strawberries .....	.1	.1	.2	.1	.1	.1	.1	.1	.2	.3	.3	.2
All other fruits	2.9	2.7	4.6	6.8	1.1	.9	1.8	1.5	2.5	2.8	3.8	4.7
Total	9.0	9.5	11.0	14.9	5.6	6.5	6.1	7.6	11.9	10.0	11.3	13.7
Canned Vegetables:	Pounds											
Asparagus .....	.3	.3	.4	.4	.2	.4	.2	.2	.4	.2	.3	.3
Beans, baked, including lima	5.1	2.0	5.2	3.6	.6	3.6	2.6	2.7	5.8	5.6	5.6	6.7
Beans, green or wax	1.3	1.6	1.8	2.0	1.9	3.2	2.9	3.1	2.9	2.5	2.4	2.4
Corn, including corn-on-cob	3.8	3.4	3.6	3.9	2.6	4.7	4.0	4.1	4.3	5.0	4.9	5.0
Peas	5.3	5.0	6.4	6.7	5.3	8.6	8.8	8.1	7.3	5.8	7.3	6.8
Tomatoes ²	8.8	8.4	8.8	10.7	6.4	9.2	7.2	7.5	6.2	8.0	5.0	7.2
All other vegetables .....	.1	.9	2.4	1.4	1.3	1.2	2.7	3.3	3.5	3.3	3.1	2.8
Total	24.7	21.6	28.6	28.7	18.3	30.9	28.4	29.0	30.4	30.4	28.6	31.2
Concentrated Milk Products:	Pounds											
Whole milk, condensed or evaporated	9.0	8.7	10.4	13.1	13.9	11.6	14.8	13.2	15.4	16.5	21.3	18.3
Whole milk, powder .....	.1	.2	.3	.7	1.2	1.0	.7	.6	.7	.6	.6	.4
Skim milk, powder .....	.7	2.3	2.4	2.2	1.9	2.2	2.6	2.9	2.9	2.5	2.8	3.4
Other concentrated milk products .....	.5	.5	.6	.6	.6	.6	.6	.7	.8	1.0	1.3	1.9
Total	10.3	11.7	13.7	16.6	17.6	15.4	18.7	17.4	19.8	20.6	26.0	24.0
Other Canned Foods:	Pounds											
Apple juice .....	.3	1.3	1.1	1.2	.8	1.5	1.7	2.1	1.7	2.5	2.1	2.3
Tomato juice	4.4	1.4	4.9	7.2	4.3	11.3	9.5	10.0	7.3	8.3	8.7	9.7
Jams, jellies and marmalades	4.4	4.6	6.7	6.3	7.6	8.7	6.6	7.1	8.8	7.7	6.9	7.4
Infant foods, except meat .....	.3	.3	.4	.5	.5	.7	1.1	1.1	1.4	1.7	1.8	2.1
Soup	5.1	5.5	7.3	6.9	7.5	8.9	11.1	13.4	10.0	9.7	9.5	12.4
Meat	1.6	1.1	2.4	2.3	2.3	2.1	3.6	4.4	4.2	2.6	3.8	4.0

1. Less than .05 but included in total.
2. Includes Domestic Canners.

TABLE 15. Consumption of Canned Foods, 1951 and 1952

	Opening Inventory	+Production	+Imports	-Exports	-Closing Inventory	Total Consumption	Per capita Consumption
Pounds							
Canned Fruits:							
Apple products, except juice	15,230,128	33,259,613	—	892,179	19,317,688	28,279,874	2.0
	19,317,688	25,652,325	—	472,766	16,386,096	28,111,151	2.0
Apricots	2,779,822	4,593,560	3,818,451	4,382	4,448,350	6,738,601	.5
	4,448,350	4,669,218	933,795	—	4,842,693	5,208,670	.4
Peaches	30,579,480	51,252,636	13,054,454	40,598	47,270,825	47,575,147	3.4
	47,270,825	39,493,349	8,404,151	79,791	45,650,353	49,436,181	3.4
Pears	24,173,040	22,247,222	2,629,070	78,051	29,817,106	19,154,175	1.4
	29,817,106	13,331,760	1,127,621	60,322	22,365,665	21,850,500	1.5
Raspberries	1,150,426	4,108,569	—	23,573	2,505,626	2,729,796	.2
	2,505,626	2,790,944	—	—	1,626,749	3,669,821	.2
Strawberries	1,561,533	3,800,124	—	48,214	1,980,157	3,333,286	.2
	1,980,157	4,508,416	—	—	2,417,879	4,070,694	.3
All other fruits	23,525,993	34,222,892	50,458,378	267,680	30,667,241	77,252,342	5.5
	30,687,241	31,745,155	62,890,073	234,299	31,213,922	93,874,248	6.5
Total	99,000,422	153,484,616	69,960,353	1,355,177	136,026,993	185,063,221	13.2
	136,026,993	122,191,167	73,355,640	847,178	124,503,357	206,223,265	14.3

TABLE 15. Consumption of Canned Foods, 1951 and 1952 - Concluded

		Opening Inventory	+ Production	+ Imports	- Exports	- Closing Inventory	Total Consumption	Per capita Consumption
Pounds								
Canned Vegetables:								
Asparagus	1951	2,646,458	3,057,977	454,792	31,502	2,465,761	3,661,964	.3
	1952	2,465,761	2,979,691	372,484	—	1,959,074	3,858,862	.3
Beans, baked, including lima	1951	22,223,143	90,707,230	709,062	1,466,090	19,567,577	92,605,768	6.6
	1952	19,567,577	95,823,330	2,365,810	1,291,676	23,863,583	92,601,458	6.4
Beans, green or wax.....	1951	19,028,393	45,883,027	—	19,798	27,289,980	37,601,642	2.7
	1952	27,289,980	55,835,776	—	—	39,366,780	43,758,976	3.0
Corn, including corn-on-cob	1951	84,969,758	69,134,133	42,452	17,525,553	62,534,168	74,086,622	5.3
	1952	62,534,168	91,365,876	45,577	352,476	86,377,733	67,215,412	4.7
Peas	1951	42,519,928	115,024,172	104,067	635,399	62,475,367	94,537,401	6.7
	1952	62,475,367	96,394,765	584,830	428,932	63,392,076	95,633,954	6.6
Tomatoes ¹	1951	46,848,088	69,892,222	12,179,330	2,490,147	23,671,784	102,757,709	7.3
	1952	23,671,784	133,691,217	16,329,901	132,153	85,179,965	88,380,784	6.1
All other vegetables.....	1951	40,691,803	50,405,519	1,069,519	439,315	48,573,499	43,153,537	3.1
	1952	48,573,499	39,784,071	2,645,947	390,395	42,773,564	47,839,558	3.3
Total.....	1951	258,927,571	444,104,280	14,538,732	22,607,804	246,578,136	448,404,643	32.0
	1952	246,578,136	515,874,726	22,344,549	2,596,632	342,912,775	439,289,004	30.4
Concentrated Milk Products:								
Whole milk, condensed or evaporated	1951	26,266,000	309,977,655	19,832	29,904,500	45,484,000	260,874,987	18.6
	1952	45,484,000	322,288,903	25,167	25,944,800	65,722,000	276,131,270	19.1
Whole milk, powder.....	1951	1,984,000	17,404,094	31,866	10,105,200	4,321,000	4,993,760	.4
	1952	4,321,000	15,397,514	20,716	13,034,900	2,301,000	4,403,330	.3
Skim milk, powder.....	1951	2,857,000	52,722,604	—	1,030,900	8,475,000	46,073,704	3.2
	1952	8,475,000	81,996,240	366,604	29,698,500	16,645,000	44,494,344	3.1
Other concentrated milk products.....	1951	1,120,000	31,964,367	—	—	2,583,000	30,501,367	2.2
	1952	2,583,000	29,403,034	—	—	2,569,000	29,417,034	2.0
Total.....	1951	32,227,000	412,068,720	51,698	41,040,600	60,863,000	342,443,818	24.4
	1952	60,863,000	449,085,691	412,487	68,678,200	87,237,000	354,445,978	24.6
Other Canned Foods:								
Apple juice.....	1951	32,147,375	39,441,656	—	2,118,610	27,796,203	41,674,218	3.0
	1952	27,796,203	33,835,973	—	2,060,780	18,237,733	41,333,663	2.9
Tomato juice	1951	54,829,340	119,271,660	9,827,093	1,550,442	64,859,677	117,517,974	8.4
	1952	64,859,677	155,104,739	18,001,478	1,056,392	128,697,924	108,211,578	7.5
Jams, jellies, and marmalades	1951	17,584,230	90,470,835	3,687,977	1,547,041	16,147,426	94,048,575	6.7
	1952	16,147,426	95,984,041	3,957,716	1,961,626	14,745,596	99,381,961	6.9
Infant food, except meats	1951	16,101,464	36,223,479	—	198,483	20,651,021	31,475,439	2.2
	1952	20,651,021	36,088,587	—	92,641	20,378,767	36,268,200	2.5
Soups	1951	60,898,444	201,587,022	—	8,041,564	60,643,981	193,799,921	13.8
	1952	60,643,981	202,957,497	—	6,775,199	67,747,419	189,078,860	13.1
Meats	1951	8,650,905	54,545,118	23,977,297	9,757,753	9,530,187	67,885,380	4.9
	1952	20,675,755	144,183,026	14,184,586	14,873,989	75,117,932	89,051,446	6.2

1. Includes Domestic Cannery.

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010713155