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CANNED FOODS SUMMARY

1961

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DOMINION BUREAU
OF STATISTICS

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SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- ◊ preliminary figures.
- † revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.



EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1961 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Implementation of the new definition of the establishment in the 1961 Census has resulted in certain changes and necessitated some adjustments to the statistics for previous years in order to maintain comparability of the data. (See following note on "Establishment".)

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1961, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

- Materials and supplies used,
- Goods purchased for resale as such,
- Fuel and power consumed,
- Number of employees and their pay,
- Inventories,
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing operations. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were principally engaged in manufacturing operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

Many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described earlier.

Prior to 1961, the main emphasis in the Census of Manufactures was on manufacturing activity whereas, beginning with 1961, each establishment reports on the total operations carried out within its accounting boundaries (except income from investments such as rent, interest and dividends). However, data on different activities (manufacturing, selling, construction by own labour force etc.) are requested separately. The 1961 statistics in this report are confined to manufacturing activity in order to maintain comparability with previous years. In the 1962 reports it is planned to show both 1961 and 1962 data on the "total activity" basis in addition to the data on manufacturing operations.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level, and clerical employees. Working owners and partners are also included in this category but will be shown separately in subsequent years.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, handling, warehousing and delivery staff. Employees on new construction work, in retail or wholesale operations, on outside piece work, etc, are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included with salaries, but will be shown separately in subsequent years. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the establishment including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the establishment, of materials, supplies and components actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants or reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments generally refer to shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishment for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm which are treated as separate establishments are included. Goods bought or received as transfers and resold without further processing are not included. Values are requested

on f.o.b. establishment basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book value of manufacturing inventory. Figures consist of inventory at the plant and at warehouses or selling outlets which are treated as extensions of the plants for the purpose of reporting shipments.

Value added by Manufacturing

Value added is compiled by deducting the cost of materials, fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process). Value added is sometimes referred to as net production.¹

Standard Industrial Classification

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Establishments engaged solely in repair work are not included in manufacturing industries (except in the case of furniture, shipbuilding, boat building, aircraft and railroad rolling stock industries) but establishments principally engaged in assembling parts into complete units are included.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.

Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit for short forms was raised from \$50,000 to \$100,000 value of shipments and a new intermediate form was used. This form is a shortened version of the long form in that some of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and inter-

mediate forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

In the 1961 Census, in addition to the question on shipments of goods of own manufacture, questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity, and inventories, are generally estimated by using ratios based on the change in the value of shipments from year to year. This is to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportion of the estimated data is generally less than 5 per cent of the total in each category of principal statistics.

STANDARD PAPER CO. 1914

CANNED FOODS SUMMARY

1961

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 beverages, dog food, etc.

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 goods. The consumer is protected by the inspection services of the Department of Agriculture and the Department of Fisheries, Ottawa.

The commodities included here have been collected on the basis of "factory production" up to 1953. Beginning with 1954, however, all industries except Fish Processing have reported on a "factory shipments" basis. In 1936 value of production totalled 60,020 thousand dollars and has increased almost without interruption until 1959 when the value of factory shipments totalled 468,070 thousand dollars. For 1961 the shipments value totalled 446,010 thousand dollars.

The tables in this bulletin give volume and value of production or shipments of foods canned in Canada, as well as imports and exports of similar commodities. Tables 15 and 16 show per capita consumption of various canned foods from 1942 to date.

FOODS AND BEVERAGES

TABLE 1. Gross Value of Production or Shipments of Principal Canned Foods, 1936-61¹

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
	thousands of dollars							
1936.....	15,564	5,319	14,093	1,551	6,256	9,802	7,435	60,020
1937.....	13,619	5,252	17,185	1,682	6,022	13,747	10,078	67,585
1938.....	16,297	4,556	14,640	1,834	7,743	12,982	11,845	69,897
1939.....	15,479	7,769	14,647	3,218	9,259	13,113	11,576	75,061
1940.....	17,873	6,741	16,988	2,902	6,912	17,209	14,479	83,104
1941.....	26,830	7,501	22,877	5,436	10,207	21,246	19,571	113,668
1942.....	31,943	8,057	22,777	8,368	8,851	20,131	24,488	122,615
1943.....	27,287	4,226	15,440	12,361	10,569	21,938	26,105	117,926
1944.....	26,046	6,549	27,063	25,678	14,757	31,950	27,829	159,872
1945.....	34,473	5,709	22,844	35,284	15,868	27,083	29,895	171,156
1946.....	39,114	12,000	31,361	43,711	25,093	40,637	32,969	224,885
1947.....	46,964	17,213	35,546	30,392	22,754	45,989	40,199	239,057
1948.....	42,149	14,904	48,521	26,960	17,991	51,714	54,216	256,455
1949.....	37,247	18,451	39,979	24,860	20,415	42,156	44,251	227,359
1950.....	42,948	18,554	39,877	28,986	26,683	46,550	47,077	250,675
1951.....	61,168	20,652	53,658	34,072	32,669	61,909	61,330	325,458
1952.....	40,794	14,681	60,594	81,774 ⁴	34,673	65,114	61,755	359,385
1953.....	47,510	19,016	51,315	41,003	33,185	61,582	53,866	307,477
1954 ⁵	50,851	23,482	52,140	33,721	34,105	63,922	54,322	312,543
1955.....	41,451	22,175	57,049	38,742	35,795	71,749	57,208	324,169
1956.....	45,435	23,290	59,605	37,023	41,853	76,201	61,234	344,641
1957.....	49,551	23,335	61,245	36,981	43,047	83,161	72,316	370,291
1958.....	71,507	22,216	60,178	38,103	47,827	95,121	84,476	419,428
1959.....	50,380	23,968	62,227	99,642 ⁶	47,149	106,293	78,411	468,070
1960 ^r	41,622	23,807	70,109	43,382	52,004	114,497	84,909	430,330
1961.....	60,033	23,267	73,545	39,553	50,871	115,698	83,043	446,010

See footnotes below.

TABLE 2. Volume of Production or Shipments of Principal Canned Foods, 1936-61¹

	Canned fish	Canned fruits	Canned vegetables	Canned meats ²	Canned soups	Miscellaneous canned foods ³	Concentrated milk products	Total
	thousand pounds							
1936.....	114,117	65,646	254,420	6,734	71,838	130,830	109,814	753,399
1937.....	96,720	69,142	326,869	7,976	67,404	173,481	137,400	878,992
1938.....	107,584	64,373	290,720	8,733	79,751	150,273	157,924	859,358
1939.....	108,893	116,500	254,145	16,827	96,652	153,986	166,043	913,046
1940.....	132,124	102,459	289,250	14,839	71,110	208,574	193,126	1,011,482
1941.....	190,074	85,432	368,467	24,265	94,020	244,662	236,003	1,242,923
1942.....	198,339	60,696	330,786	30,978	81,473	221,579	260,667	1,184,516
1943.....	166,564	42,217	228,968	44,391	92,275	263,481	255,759	1,093,656
1944.....	144,960	70,003	395,408	94,477	124,693	363,204	270,660	1,463,605
1945.....	169,506	56,649	316,696	153,359	131,908	275,062	295,270	1,418,350
1946.....	180,623	108,354	414,447	210,099	204,669	425,484	301,498	1,845,174
1947.....	191,598	128,110	366,375	116,241	159,598	385,313	330,121	1,677,356
1948.....	121,938	101,336	503,918	75,819	125,913	464,956	388,864	1,782,744
1949.....	96,860	127,165	408,075	58,550	123,057	441,125	357,273	1,612,105
1950.....	104,219	125,455	376,236	64,845	172,046	337,562	378,672	1,559,035
1951.....	133,382	134,374	447,682	66,764	201,587	414,490	431,245	1,829,524
1952.....	92,790	100,499	514,922	150,541 ⁴	202,957	445,176	465,264	1,972,149
1953.....	124,745	122,189	446,677	75,182	192,817	400,100	440,285	1,801,995
1954 ⁵	116,166	147,597	441,281	68,029	212,398	439,420	453,249	1,878,140
1955.....	84,274	149,585	489,597	86,195	223,261	503,962	473,852	2,010,726
1956.....	82,589	141,977	474,924	79,015	230,573	513,296	493,220	2,015,594
1957.....	97,071	148,851	489,804	80,795	264,522	541,486	520,054	2,142,583
1958.....	116,622	140,785	477,509	80,045	264,596	607,617	609,509	2,296,683
1959.....	82,982	147,846	486,185	187,920 ⁶	266,980	651,860	609,241	2,433,014
1960 ^r	61,567	147,238	540,352	94,208	269,293	743,399	625,640	2,481,600
1961.....	92,677	150,512	352,261	83,976	272,835	726,025	662,760	2,270,237

¹ Includes Newfoundland beginning 1951, except canned fish.² Includes meat, chicken, ready dinners, and meat pastes.³ Includes juices, pie fillings, jams, mincemeat, etc.⁴ Increased production in 1952 is due to government controlled canning programme.⁵ Commencing 1954 these figures represent "shipments" instead of "production", except canned fish.⁶ Government-held stocks were released for sale through meat packing firms.

Imports and Exports

Imports of canned foods during 1961 were valued at 71,446 thousand dollars. 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.

The exports of canned foods during 1961 amounted to 46,095 thousand dollars with canned fish, canned meat, and concentrated milk products making up 87.0% of this amount. The following tables summarize the imports and exports of canned foods by groups for significant years from 1939 to 1960.

TABLE 3. Imports of Canned Foods, Calendar Year 1939-61

	Canned fish	Canned fruits	Canned vegetables	Canned meats	Soup and soup preparations	Miscellaneous canned foods	Concentrated milk products	Total
	thousands of dollars							
1939	1,300	1,109	316	1,001	14	648	74	4,462
1940	881	1,232	511	843	11	1,032	180	4,690
1945	50	53	336	105	69	828	98	1,539
1946	337	293	536	2	305	7,480	502	9,455
1947	1,393	3,218	2,852	103	271	5,554	978	14,369
1948	1,378	3,191	311	140	7	4,235	175	9,437
1949	2,194	5,087	78	2,656	3	8,243	99	18,360
1951	2,834	9,675	1,848	7,482	80	8,538	885	31,342
1952	2,919	9,464	3,477	4,648	130	9,608	149	30,395
1953	3,744	10,110	2,171	3,943	252	13,694	133	34,047
1954	4,137	12,548	2,468	5,107	250	16,529	84	41,123
1955	4,912	11,876	3,213	4,988	336	19,437	162	44,924
1956	10,482	12,237	4,281	4,158	1,101	25,059	352	57,670
1957	9,065	14,501	5,074	6,024	770	27,506	1,347	64,287
1958	8,735	15,898	3,697	6,386	665	30,889	314	66,584
1959	7,182	15,963	3,462	6,812	677	31,692	319	66,107
1960	7,816	17,205	3,892	4,445	794	29,756	313	64,221
1961	9,137	18,018	3,548	6,914	921	32,556	352	71,446

TABLE 4. Exports of Canned Foods, Calendar Years 1939-61

	Canned fish	Canned fruits	Canned vegetables	Canned meats	Canned soups	Miscellaneous canned foods	Concentrated milk products	Total
	thousands of dollars							
1939	11,549	3,090	2,907	832	3,600	1,769	3,295	27,042
1940	11,669	1,833	2,534	782	805	810	4,299	22,732
1945	23,865	1,422	1,588	21,752	537	885	12,218	62,267
1946	30,427	1,633	1,613	27,125	1,072	3,485	9,911	75,266
1947	31,511	2,882	1,385	19,778	1,780	3,058	12,010	72,404
1948	21,044	655	845	10,612	896	845	16,622	51,519
1949	17,397	1,111	365	4,690	587	796	11,988	36,934
1951	16,192	178	2,386	6,753	996	854	9,701	37,060
1952	13,986	121	299	11,114	897	748	13,688	40,853
1953	18,374	121	205	16,679	735	810	11,137	48,061
1954	27,835	405	430	17,586	724	944	8,536	56,460
1955	20,199	957	561	9,954	459	1,351	8,680	42,161
1956	19,628	956	671	7,698	861	1,108	9,744	40,666
1957	16,014	532	394	3,897	975	952	7,891	30,655
1958	35,824	1,432	423	4,402	1,060	979	11,414	55,334
1959	27,998	1,166	861	4,358	1,474	1,108	17,940	54,905
1960	17,773	446	736	9,904	4,127	1,212	17,867	52,067
1961	19,550	1,565	1,450	4,377	991	1,968	16,194	46,095

TABLE 5. Factory Shipments of Canned Foods, Canada, 1960 and 1961

	1960		1961	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	Net weight of contents in pounds		Net weight of contents in pounds	
		\$		\$
Fish canned:¹				
Clams	1,398,552	623,900	792,114	426,400
Ground fish total	1,880,088	404,700	1,776,600	400,200
Herring	1,822,356	401,500	4,974,834	1,001,100
Herring, kippered snacks	1,218,840	465,500	1,969,060	757,200
Lobster	1,979,100	4,945,600	1,469,430	3,595,400
Lobster tomalley and paste	365,364	238,000	305,028	178,200
Mackerel	169,380	45,700	617,247	155,700
Quahaugs	4,710	4,100	2,160	1,200
Salmon	30,299,232	22,789,900	67,515,504	46,198,700
Sardines	18,580,980	9,011,800	10,751,580	5,644,600
Tuna	2,093,532	1,661,300	1,070,640	679,100
All other	1,754,697	1,049,900	1,624,590	994,900
Totals	61,566,831	41,621,900	92,676,595	60,032,700
Fruits, canned:²				
Apples, including crabapples	11,064,325	1,143,504	15,405,015	1,606,029
Apple sauce	14,874,728	1,692,964	13,613,178	1,516,188
Apricots	4,622,052	913,938	4,554,110	925,620
Blackberries	"	"	"	"
Blueberries	1,051,013	262,318	933,581	242,945
Cherries	8,131,389	1,689,242	9,795,899	1,921,974
Fruit cocktail and fruits for salad	7,360,106	1,543,044	10,692,105	2,072,839
Loganberries	"	"	"	"
Peaches	47,638,443	7,879,178	45,050,627	6,864,901
Pears, Bartlett	13,307,968	2,641,310	11,674,312	2,130,608
Pears, Kieffer	19,859,435	2,502,543	18,416,433	2,176,049
Plums, gages, etc.	7,709,580	966,403	8,719,893	1,151,185
Raspberries	3,115,939	780,678	2,829,662	752,852
Rhubarb	"	"	"	"
Strawberries	2,996,393	762,812	2,583,768	709,869
All other fruits	5,506,360	1,029,067	6,165,311	1,195,485
Totals	147,237,731	23,807,001	150,513,052	23,266,544
Vegetables, canned:²				
Asparagus	5,214,559	1,773,726	5,655,244	1,804,750
Beans, green or wax	52,680,245	6,477,813	57,269,735	7,287,322
Beans, baked	109,884,151	14,545,421	113,644,974	15,199,664
Beans, lima	1,800,282	265,702	2,063,968	312,561
Beets	12,971,848	1,444,791	13,949,705	1,496,011
Carrots	6,345,534	556,510	6,970,129	633,163
Carrots and peas combined	6,918,188	1,033,042	7,469,230	1,096,838
Corn, cream, whole grain	78,495,835	11,518,139	90,812,009	13,433,062
Corn on the cob	2,381,503	315,517	2,783,899	270,139
Mixed vegetables (macedoine)	9,610,301	1,159,500	10,926,056	1,261,869
Mushrooms	5,825,958	2,859,085	4,037,375	2,267,751
Peas	106,648,317	13,885,782	111,771,448	15,166,049
Potatoes, Irish	3,746,910	397,410	3,765,941	397,996
Pumpkin and squash	9,422,651	733,592	7,131,199	581,763
Sauerkraut	"	"	"	"
Spinach	"	"	"	"
Tomatoes	107,326,649	10,708,000	92,289,392	9,385,503
All other vegetables	20,879,343	2,435,247	25,020,259	2,950,547
Totals	540,352,274	70,109,277	555,560,563	73,544,990

See footnotes at end of table.

TABLE 5. Factory Shipments of Canned Foods, Canada, 1960 and 1961 - Concluded

	1960 ²		1961	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	Net weight of contents in pounds		Net weight of contents in pounds	
		\$		\$
Meats, canned, all kinds:¹				
Beef	4,029,763	2,374,202	3,751,787	1,525,945
Beef stews and dinners	31,769,362	7,474,494	37,407,045	10,964,751
Pork	41,008,531	23,454,899	31,939,531	18,806,893
Poultry	5,316,507	3,589,979	4,074,986	2,733,936
Paste	5,711,833	2,883,085	6,809,543	3,436,220
Miscellaneous	6,371,746	3,604,965	4,993,105	2,085,488
Totals	94,207,742	43,381,624	88,975,997	39,553,233
Other fruit and vegetable products:				
Juices:				
(a) Tomato	174,781,069	14,627,365	181,802,103	15,525,708
(b) Apple	91,771,911	6,754,670	85,537,124	6,328,039
(c) Grape	6	6	6	6
(d) Other fruit	6	6	6	6
Fruit drinks	111,278,630	10,176,882	93,953,870	9,913,634
Pie fillings:				
(a) Apple	11,448,366	1,606,486	8,974,939	1,374,941
(b) Other fruit	21,561,124	5,028,161	20,255,341	4,915,229
Infants foods:				
(a) Fruit puddings, custards etc.	7	7	7	7
(b) Vegetables	7	7	7	7
(c) Soups and dinners	7	7	7	7
(d) All other, including cereals	74,284,525	24,414,020	76,555,791	24,641,364
Soups, all kinds, except infants	269,293,647	52,003,640	279,825,448	50,870,767
Spaghetti, macaroni etc.	37,255,646	5,223,277	42,242,208	5,604,213
Tomato pulp, paste and purée	3,352,388	361,242	4,288,356	538,628
Tomato catsup	48,089,208	10,403,921	47,275,346	10,841,740
Jams	88,203,979	18,619,529	91,769,472	19,509,034
Jellies	8,231,849	2,045,856	8,040,202	2,062,883
Marmalades	20,847,444	4,233,875	20,457,738	4,241,341
Mincemeat	5,929,383	1,200,707	4,636,361	990,206
All other fruit and vegetable products, mainly canned	46,363,945	9,801,217	53,236,490	10,211,340
Totals	1,012,693,114	166,500,848	1,018,850,789	166,569,067
Concentrated milk products:				
Condensed milk:				
Case goods	12,962,521	1,753,543	15,173,311	2,289,299
Bulk goods				
Evaporated milk:				
Case goods	305,068,556	40,676,048	310,237,935	39,269,210
Bulk goods	21,048,021	3,039,299	17,728,730	2,588,840
Milk whole powder	35,382,331	10,592,752	39,956,031	12,401,123
Condensed skim milk	3,966,648	303,512	4,450,870	293,624
Evaporated skim milk	3,922,742	212,405	6,862,663	237,601
Skim milk powder	175,510,335	19,829,567	178,240,581	14,799,931
Buttermilk powder	7,744,082	573,848	8,064,084	502,211
Casein, green and dried	13,103,215	2,521,574	22,357,921	3,748,486
Whey powder	10,570,489	606,082	21,955,232	962,646
Unclassified products of a variable fat content	34,001,470	4,531,194	34,949,810	5,418,224
Cream powder, lactose (milk sugar), malted milk powder, condensed buttermilk	2,359,418	269,353	3,782,437	531,882
Totals	625,639,828	84,909,177	663,759,605	83,043,077

¹ These figures are for production, not factory shipments and are not identical with those published in the Fish Processing Industry report which includes domestic canners and some estimated figures. Newfoundland not included in 1960 but included in 1961.

² Fruits and vegetables canned by domestic or home canners are not included.

³ Included under "All other fruits".

⁴ Included under "All other vegetables".

⁵ Government-held stocks were released for sale through meat-packing firms.

⁶ Included under "All other fruit and vegetable products, mainly canned".

⁷ Included under "Infants foods, other".

TABLE 6. Production of Canned Fruits, Vegetables and Preparations, by Geographical Areas, 1961

Note: The following production figures are final. They have been reproduced from current pack reports and include all necessary revisions. All data is compiled on a calendar year basis except apples and apple products which are crop year.

No.		Canada		Ontario	
		Cases	Net weight of contents in pounds	Cases	Net weight of contents in pounds
1	Total fruits, canned	6,591,484	185,525,162	4,245,186	123,925,124
2	Apples, including crabapples	583,211	22,853,939	1	1
3	Apple sauce	670,828	15,480,415	464,342	11,814,692
4	Apricots	195,188	5,068,709	1	1
5	Blueberries	16,010	454,051	1	1
6	Cherries	530,288	14,167,077	465,102	12,536,076
7	Fruit cocktail and fruit salad	430,072	11,302,789	1	1
8	Loganberries	1	1	—	—
9	Peaches	2,088,794	60,469,366	1,664,270	50,006,874
	Pears:				
10	Bartlett	453,326	12,490,276	1	1
11	Kieffer, etc.	557,734	18,314,121	517,548	17,121,916
12	Plums, gages, etc.	402,502	11,936,455	237,443	7,261,805
13	Raspberries	166,102	4,385,851	122,186	3,319,154
14	Rhubarb	1	1	1	1
15	Strawberries	139,691	3,257,114	72,718	1,688,059
16	All other fruits	357,758	9,214,562	701,577	20,176,948
17	Total vegetables, canned	16,162,289	550,176,300	9,015,138	313,307,322
18	Asparagus	306,615	5,884,316	234,593	4,274,082
19	Beans, green	1,047,737	27,286,949	1	1
20	Beans, wax	1,112,386	31,321,710	1	1
21	Beans, baked, etc. ....	...	117,421,681	—	76,385,736
22	Beans, lima	82,139	1,604,497	1	1
23	Beets	321,151	8,526,445	267,936	7,074,103
24	Carrots	206,373	6,235,201	105,395	2,782,243
25	Carrots and peas combined	278,931	6,198,149	95,314	1,896,160
26	Corn on the cob	83,009	2,495,707	—	—
27	Corn, cream, whole grain, etc.	4,642,332	105,071,690	2,903,669	61,080,188
28	Mixed vegetables (macedoine)	342,712	9,538,297	2	2
29	Mushrooms	357,929	6,048,675	241,333	4,236,759
30	Peas	4,229,690	106,064,225	2,166,085	50,799,668
31	Pumpkin and squash	232,132	8,579,123	189,278	6,837,401
32	Sauerkraut	1	1	1	1
33	Spinach	1	1	1	1
34	Tomatoes	2,342,553	89,669,595	1,890,556	71,707,337
35	All other vegetables	574,600	18,030,040	920,979	26,072,156
	Other products, canned, bottled, etc.:				
36	Poultry (chicken, turkey etc.) .....	...	2,835,959	...	1
37	Meats .....	...	41,707,894	...	1
38	Ready dinners, stews etc. ....	...	36,615,555	...	1
39	Paste (meat, chicken etc.) .....	...	6,604,287	...	1
40	Soups, all kinds	15,254,860	266,342,872	13,989,443	...
41	Spaghetti and macaroni .....	...	37,007,457	...	...
42	Infants foods .....	...	61,469,214	...	1
43	Pre-cooked cereal for infants .....	...	8,546,237	...	1
44	Tomato juice	6,320,084	197,751,207	5,959,785	186,803,310
45	Mixed vegetable juices	1	1	1	1
46	Tomato pulp, paste and purée	95,303	6,386,446	76,892	3,022,474
47	Tomato catsup .....	...	48,003,989	...	45,574,058
48	Pie filling (apple)	277,106	9,155,334	223,413	7,367,844
49	Pie filling (cherry, peach, berry etc.)	588,743	18,858,571	1	1
50	Apple juice	2,494,851	88,591,498	1	1
51	Fruit juices, other than apple	1	1	1	1

¹ Included in "All other fruits".

² Included in "All other vegetables".

TABLE 6. Production of Canned Fruits, Vegetables and Preparations, by Geographical Areas, 1961

Note: The following production figures are final. They have been reproduced from current pack reports and include all necessary revisions. All data is compiled on a calendar year basis except apples and apple products which are crop year.

Quebec		British Columbia		Atlantic Provinces		Prairie Provinces		No.
Cases	Net weight of contents in pounds	Cases	Net weight of contents in pounds	Cases	Net weight of contents in pounds	Cases	Net weight of contents in pounds	
308,479	8,342,406	1,365,350	32,659,734	672,469	24,552,501	-	-	1
1	1	1	1	461,944	18,151,096	-	-	2
1	1	1	1	1	1	-	-	3
-	-	1	1	-	-	-	-	4
1	1	1	1	1	1	-	-	5
-	-	65,186	1,631,001	-	-	-	-	6
1	1	1	1	-	-	-	-	7
-	-	1	1	-	-	-	-	8
-	-	424,524	10,462,492	-	-	-	-	9
-	-	238,921	6,378,364	1	1	-	-	10
-	-	1	1	1	1	-	-	11
-	-	165,059	4,674,650	-	-	-	-	12
-	-	43,916	1,066,697	-	-	-	-	13
-	-	-	-	1	1	-	-	14
1	1	57,965	1,361,871	1	1	-	-	15
308,479	6,342,406	369,779	8,089,169	210,525	6,401,405	-	-	16
4,617,163	151,218,669	1,295,210	46,999,835	319,016	14,074,585	915,762	24,575,889	17
1	1	1	1	-	-	-	-	18
588,005	14,897,393	247,498	6,228,954	1	1	102,111	2,548,483	19
901,432	23,310,842	1	1	1	1	74,083	1,836,254	20
-	-	-	14,871,363	-	-	-	-	21
-	-	1	1	-	-	-	-	22
14,626	526,756	1	1	1	1	1	1	23
93,112	3,185,446	1	1	1	1	1	1	24
1	1	1	1	-	-	1	1	25
1	1	-	-	-	-	1	1	26
1,103,229	28,646,139	1	1	-	-	1	1	27
215,037	6,685,537	-	-	-	-	1	1	28
1	1	-	-	-	-	1	1	29
1,158,290	32,965,238	481,140	11,144,491	163,403	4,482,467	260,772	6,672,361	30
-	-	1	1	-	-	1	1	31
1	1	-	-	-	-	1	1	32
-	-	1	1	-	-	-	-	33
1	1	1	1	-	-	-	-	34
663,382	41,001,318	566,572	14,755,027	155,613	9,592,118	478,796	13,518,791	35
...	1	-	1	-	1	-	1	36
...	1	-	1	-	1	-	1	37
...	1	-	1	-	1	-	1	38
...	1	-	1	-	1	-	1	39
...	1	-	1	-	-	-	1	40
...	1	-	1	-	-	-	1	41
...	1	-	1	-	-	-	1	42
...	1	-	-	-	-	-	-	43
360,299	10,947,897	-	-	-	-	-	-	44
-	-	-	-	-	-	-	-	45
1	1	1	1	1	1	-	-	46
1	1	1	1	1	1	-	-	47
1	1	1	1	1	1	-	-	48
1	1	1	1	1	1	-	-	49
1	1	-	-	1	1	-	-	50
-	-	-	-	-	-	-	-	51

1 Not available in accordance with the confidential clauses of the Statistics Act.

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 1961 totalled 1,405,159 cases, valued at \$46,198,700. 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, pink and the chum salmon. Of these, the sockeye, 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 Fraser River, the Skeena River and other northern waters. The remaining species are all marketable in quality though not commanding the high prices reached by the sockeye.

TABLE 7. Production of Canned Salmon in Canada, 1885-61

Year	Cases of 48 lbs.	Year	Cases of 48 lbs.	Year	Cases of 48 lbs.
1885	108,517	1938	1,708,835	1951	1,957,105
1890	409,464	1939	1,539,794	1952	1,304,933
1895	566,395	1940	1,471,435	1953	1,826,072
1900	606,530	1941	2,298,280	1954	1,743,887
1905	1,167,822	1944	1,099,852	1955	1,411,110
1910	762,201	1945	1,740,591	1956	1,115,388
1915	1,133,381	1946	1,350,358	1957	1,424,794
1925	1,719,282	1947	1,529,305	1958	1,900,358
1930	2,223,469	1948	1,310,842	1959	1,077,787
1931	686,697	1949	1,438,536	1960	631,150
1934	1,584,593	1950	1,498,130	1961	1,405,159

TABLE 8. Production of Canned Salmon in the Province of British Columbia, by Species, 1948-61

Species	1948	1949	1953	1954	1955	1956	1957	1958	1959	1960	1961
	cases										
Sockeye	260,644	449,495	510,147	680,718	249,365	320,096	228,452	1,074,304	256,171	226,844	398,204
Spring, red	10,002	5,104	7,481	3,677	4,136	6,122	4,044	2,775	3,308	1,572	7,921
Spring, pink	890	106	355	2,330	8,458	4,335	2,581	4,422	6,334	2,492	
Spring, white	4,881	2,640	4,130	6,470	5,503	2,811	3,229	3,242	5,588	1,851	
Blueback	20,396	5,582	2,056	4,302	10,544	10,549	12,147	11,103	10,114	23,345	¹
Steelhead	5,576	3,762	3,030	3,734	1,589	1,253	1,318	1,205	1,256	504	979
Coho	186,810	59,371	108,109	123,777	175,178	201,566	180,911	120,424	202,991	68,159	241,379
Pink	321,720	679,182	794,764	335,550	831,253	363,933	751,609	451,802	458,596	219,564	661,291
Chum	496,553	91,887	394,113	580,574	124,769	204,071	239,641	230,636	133,129	86,819	93,385
Jack spring	665	1,428	1,083	1,604	—	445	626	265	—	—	—
Totals	1,308,137	1,298,557	1,825,268	1,742,736	1,410,795	1,115,181	1,424,558	1,900,178	1,077,487	631,150	1,405,159

¹ Included with Cohoe.

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 1961

the pack of lobster was 48,981 cases, and the value amounted to \$3,595,400.

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 9. Production of Canned Lobsters, 1897 - 1961

Year	Cases of 48 pounds	Year	Cases of 48 pounds
1900	219,756	1946	71,280
1905	219,534	1947	49,820
1910	183,094	1948	60,770
1915	162,966	1949	58,999
1920	163,299	1950	70,327
1925	127,497	1951	63,980
1930	139,109	1952	59,386
1935	99,905	1953	75,020
1936	88,102	1954	57,678
1937	88,581	1955	40,636
1938	92,004	1956	59,908
1939	85,693	1957	36,730
1940	58,996	1958	34,542
1941	58,517	1959	32,333
1944	66,834	1960	41,225
1945	65,525	1961	48,981

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 sardine canneries is small, but those in operation are of

large size. In 1961 the pack totalled 537,579 twenty pound cases valued at \$5,644,600. There is an important market abroad for Canadian sardines, and large quantities are exported annually.

TABLE 10. Production of Canned Sardines, 1917 - 61

Year	Cases of 20 pounds	Year	Cases of 20 pounds
1917	168,365	1939	539,486
1918	177,193	1940	504,140
1919	119,225	1941	614,222
1920	129,925	1943	545,510
1921	111,835	1944	526,767
1922	121,800	1945	474,176
1923	268,800	1946	641,841
1924	282,306	1947	914,117
1925	209,649	1948	855,877
1926	217,592	1949	589,542
1927	240,091	1950	723,760
1928	257,881	1951	667,081
1929	329,204	1952	633,003
1930	244,238	1953	440,637
1931	202,520	1954	829,876
1932	113,197	1955	449,529
1933	180,597	1956	833,353
1934	288,091	1957	736,702
1935	338,436	1958	802,454
1936	393,854	1959	763,328
1937	423,043	1960	929,049
1938	349,887	1961	537,579

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. For detailed statistics of factory shipments of canned fruits and vegetables, by provinces, see Table 6. Production of similar commodities by geographical areas is given in Table 7.

TABLE 11. Imports of Canned Fruits, Vegetables, Juices, etc., Calendar Years 1960 and 1961
(Taken from "Trade of Canada" and includes weight of containers)

	1960		1961	
	Quantity	Value \$	Quantity	Value \$
Canned vegetables:				
Asparagus..... lb.	2,126,598	394,510	1,837,105	358,909
Beans, (green, wax)..... "	396,475	56,780	644,612	88,794
Beans, baked..... "	4,043,293	374,261	4,178,150	412,421
Corn..... "	1,915,866	259,285	1,116,711	183,935
Mushrooms and truffles..... "	329,985	135,398	356,839	147,645
Peas..... "	740,262	81,032	623,416	78,593
Tomatoes..... "	22,844,168	1,756,502	18,946,868	1,423,686
All other vegetables..... "	8,153,836	834,771	7,503,219	947,644
Totals..... "	40,550,483	3,892,539	35,206,920	3,641,628
Canned fruits:				
Mixed fruits or fruits for salads..... "	39,849,914	5,454,591	45,780,883	6,066,665
Apricots..... "	5,521,513	702,390	5,097,875	663,551
Peaches..... "	32,158,692	3,388,511	29,529,212	3,128,974
Pears..... "	5,569,887	775,086	5,261,535	796,542
Pineapple..... "	43,655,964	5,135,497	45,232,909	5,541,502
All other fruits..... "	13,310,740	1,749,307	13,892,402	1,848,665
Totals..... "	140,066,710	17,205,382	144,794,816	18,045,899
Other products:				
Jams, jellies, preserves, etc..... "	5,591,435	1,121,552	5,488,173	1,207,050
Fruit juice, concentrated, frozen..... gal.	3,369,588	10,700,080	3,574,832	13,652,887
Fruit juice, concentrated, fresh..... "	441,448	1,516,424	528,540	2,058,808
Lemon juice..... "	177,726	363,016	165,329	383,348
Orange juice..... "	6,446,785	6,064,184	5,128,601	5,697,028
Blended fruit juice..... "	2,620,612	2,124,427	1,839,916	1,633,917
Grapefruit juice..... "	2,551,043	1,826,893	2,742,029	1,892,065
Pineapple juice..... "	1,582,696	939,346	1,429,559	922,024
Other fruit juices..... "	441,141	613,389	512,937	617,294
Tomato juice..... lb.	14,455,255	971,080	12,307,971	890,929
Other tomato products..... "	25,618,337	3,482,325	20,907,999	3,567,948
Vegetable juices..... "	213,086	33,297	247,235	38,542
Totals..... "	-	29,756,013	-	32,556,841

TABLE 12. Exports of Canned Fruits, Vegetables, Juices, etc., Calendar Years 1960 and 1961
(Taken from "Trade of Canada" and includes weight of containers)

	1960		1961	
	Quantity	Value \$	Quantity	Value \$
Canned vegetables:				
Corn..... lb.	1,163,921	177,908	3,978,791	624,747
Peas..... "	1,548,973	183,766	1,518,874	222,635
Beans (baked)..... "	351,661	46,345	418,292	55,989
Tomatoes..... "	70,723	9,057	196,812	29,865
Vegetables, canned or preserved, n.o.p..... "	2,439,786	318,897	3,365,430	516,961
Totals..... "	5,575,064	735,973	9,478,199	1,450,197
Canned fruits:				
Pears..... "	558,532	84,224	1,975,054	300,488
Apples..... "	905,522	92,852	3,672,991	392,779
Peaches..... "	553,858	90,821	499,604	80,266
Fruits, canned or preserved, n.o.p..... "	651,508	178,530	1,566,028	378,324
Totals..... "	2,669,420	446,427	7,713,677	1,151,857
Other products:				
Tomato paste, pulp and purée..... "	32,136	3,148	-	-
Tomato juice..... "	5,113,874	452,622	10,114,549	848,910
Tomato soup..... "	289,639	41,847	527,093	72,496
Soups, n.o.p..... "	29,196,968	4,084,724	4,936,545	919,039
Jams, jellies, and preserves..... "	1,418,629	328,672	1,838,188	413,164
Apple juice..... gal.	272,680	331,661	243,820	304,292
Infants foods..... lb.	129,331	35,524	950,377	341,380
Macaroni, spaghetti and vermicelli, canned..... "	383,502	60,838	379,305	60,520
Totals..... "	-	5,339,036	-	2,959,801

Meat Canning

The total value of canned meats shipped from packing plants in Canada during 1961 was \$39,553,233, a decrease of 8.8 p.c. over the preceding year. This resulted from a Government price support program, similar to the 1952 system, under which it took all offered hogs at a base price. Unlike 1952, however, the latter program was necessitated not by foot and mouth disease but by natural economic forces.

This system was replaced on January 11, 1960 by a deficiency-payments program and the Government commenced the task of marketing the 140,000,000 pounds of pork, fresh and frozen; canned luncheon meats and canned hams which it then held. Better cuts were canned; others rendered into lard. The canned pork products went on the market at retail under regular commercial trade names and were also offered in carload lots as Government canned luncheon meat.

Concentrated Milk Products

The concentrated milk products industry in Canada dates from 1883 when the first factory was established in Truro, Nova Scotia, by the Reindeer Condensed Milk Company. As the demand for prepared milk grew, other plants were established and other kinds of products added to the output. There are now in Canada twenty-eight 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 1917-61 is given in the following table.

TABLE 13. Production of Concentrated Milk Products, 1917-61

Year	Value of products dollars	Year	Value of products dollars
1917	7,308,042	1939	11,575,971
1918	11,218,055	1940	14,478,543
1919	13,930,513	1941	19,470,999
1920	17,160,111	1944	27,829,398
1921	11,526,422	1945	29,895,009
1922	6,839,232	1946	32,968,991
1923	10,040,318	1947	40,198,691
1924	9,710,017	1948	54,216,408
1925	9,844,613	1949	44,250,824
1926	9,601,138	1950	47,076,784
1927	10,186,312	1951	61,330,207
1928	10,176,208	1952 ¹	61,755,498
1929	10,498,544	1953	53,865,900
1930	10,040,176	1954	54,321,999
1931	7,067,807	1955	57,208,213
1932	5,952,947		
1933	5,536,888	1956	61,233,515
1934	5,991,759	1957	72,316,348
1935	6,849,989	1958	84,476,395
1936	7,434,896	1959	78,411,237
1937	10,078,192	1960 ²	84,909,177
1938	11,844,817	1961	83,043,077

¹ Beginning in 1952 the basis of collection is "value of factory shipments" instead of "Gross value of products".

TABLE 14. Imports and Exports of Concentrated Milk Products, Calendar Years 1921-61

Year	Imports	Exports	Year	Imports	Exports
	dollars			dollars	
1921	27,649	5,643,244	1941	142,154	7,218,907
1922	113,008	3,135,866	1943	133,780 ¹	5,433,172
1923	133,845	5,105,293	1944	383,349 ¹	5,423,636 ²
1924	94,035	5,323,658	1945	97,864 ¹	12,218,123 ²
1925	53,298	5,110,272	1946	502,242 ¹	9,910,583 ²
1926	75,984	4,538,939	1947	977,522 ¹	12,009,484 ²
1927	90,921	4,256,344	1948	175,189 ¹	16,622,196 ²
1928	72,497	3,497,601	1949	98,961 ¹	11,988,078 ²
1929	101,206	3,650,117	1950	117,445 ¹	9,550,595 ²
1930	64,014	2,966,536	1951	885,005 ¹	9,700,894 ²
1931	77,362	2,099,519	1952	148,858 ¹	13,687,946 ²
1932	30,339	2,099,119	1953	132,931 ¹	11,137,468 ²
1933	22,994	2,097,153	1954	83,864 ¹	8,536,135 ²
1934	25,123	2,209,750	1955	162,192 ¹	8,679,620 ²
1935	22,318	2,247,075	1956	352,406 ¹	9,743,581 ²
1936	35,876	1,886,468	1957	1,346,532	7,891,307
1937	115,683	3,174,594	1958	314,164	11,413,602
1938	61,188	3,456,398	1959	319,495	17,939,853
1939	73,601	3,295,009	1960	313,226	17,866,684
1940	180,499	4,298,778	1961	352,086	16,193,533

¹ Includes "dried whey".

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

Consumption of Canned Foods in Canada, 1946-61

The following table gives the per capita consumption in Canada of various canned foods. The method of arriving at consumption figures is shown in detail for 1960 and 1961. All fig-

ures given are for calendar year, except production of apple products.

TABLE 15. Per Capita Consumption of Canned Foods, 1946-59

	1946	1947	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
<i>Population - 000's omitted: (Decennial census, June 1, 1951).....</i>	12,292	12,551	13,447	13,712	14,009	14,459	14,845	15,287	15,698	16,081	16,589	17,048	17,422
	pounds												
Canned fruits:¹													
Apple products, except juice ²	2.5	3.5	2.0	2.7	2.0	2.0	2.3	2.3	1.9	1.9	1.4	1.9	1.9
Apricots.....	0.2	0.4	0.3	0.3	0.5	0.4	0.5	0.6	0.7	0.7	0.7	0.6	0.6
Peaches.....	2.5	3.7	3.2	3.8	3.4	3.4	4.0	4.0	3.8	4.1	3.7	4.2	4.1
Pears.....	0.8	1.5	1.5	1.8	1.4	1.5	1.7	1.9	2.0	2.2	2.0	1.8	1.9
Raspberries.....	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Strawberries.....	1	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1
All other fruits.....	1.5	2.5	3.8	4.7	5.5	6.5	7.0	6.5	6.1	6.9	6.8	7.0	4.2
Totals.....	7.6	11.9	11.3	13.7	13.2	14.3	16.0	15.7	14.9	16.2	15.0	15.9	16.6
Canned vegetables:¹													
Asparagus.....	0.2	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4
Beans, baked, including lima.....	2.7	5.8	5.6	6.7	6.6	6.4	6.4	6.2	5.7	6.4	6.3	6.0	6.3
Beans, green or wax.....	3.1	2.9	2.4	2.4	2.7	3.0	3.0	3.5	3.5	3.3	3.1	3.1	3.3
Corn, including corn-on-cob.....	4.1	4.3	4.9	5.0	5.3	4.7	5.2	5.0	5.0	5.1	5.2	4.8	4.9
Peas.....	8.1	7.3	7.3	6.8	6.7	6.6	6.5	6.4	7.1	7.0	7.4	6.0	6.0
Tomatoes ⁴	7.5	6.2	5.0	7.2	7.3	6.1	6.4	6.7	5.6	6.2	5.7	5.7	5.5
All other vegetables.....	3.6	4.0	3.5	3.3	3.6	3.7	3.9	3.8	3.6	4.4	4.3	4.0	3.6
Totals⁴.....	29.3	30.9	29.0	31.7	32.5	30.8	31.7	31.9	30.8	32.8	32.2	30.0	29.8
Concentrated milk products:													
Whole milk, condensed or evaporated.....	13.2	15.4	21.3	18.3	18.6	19.1	19.5	19.0	19.3	19.5	19.0	18.6	18.1
Whole milk, powder.....	0.6	0.7	0.6	0.4	0.4	0.3	0.4	0.3	0.2	0.3	0.3	0.2	0.2
Skim milk, powder.....	2.9	2.9	2.8	3.4	3.2	3.1	4.4	4.7	5.2	5.1	5.4	6.4	7.0
Other concentrated milk products.....	0.7	0.6	1.3	1.9	2.2	2.0	2.9	3.6	3.3	3.9	3.9	3.8	3.8
Totals.....	17.4	19.8	26.0	24.0	24.4	24.5	27.2	27.6	28.0	28.8	28.6	29.0	29.1
Other canned foods:													
Apple juice.....	2.1	1.7	2.1	2.3	3.0	2.9	2.4	3.0	3.2	3.8	3.5	3.9	4.4
Tomato juice.....	10.0	7.3	8.7	8.2	8.4	7.5	9.7	9.6	9.1	9.8	9.2	9.2	10.1
Jams, jellies and marmalades.....	7.1	8.8	6.9	7.4	6.7	6.9	7.1	7.3	7.0	6.8	6.1	6.8	6.8
Infant foods ⁵	1.1	1.4	1.8	2.1	2.2	2.5	2.7	3.3	3.4	3.5	3.8	3.5	3.7
Soups.....	13.4	10.0	9.5	12.4	13.8	13.1	12.1	14.1	14.5	11.7	13.4	14.2	15.8
Meats.....	4.4	4.2	3.8	4.0	4.9	6.2	4.0	4.5	4.6	5.4	5.2	5.4	11.7
Fish and shell fish.....	2.8	5.2	4.7	4.6	4.4	4.5	4.7	4.5	4.5	4.5	4.7	4.4	3.8

¹ Up to and including 1953 the import and export figures used in calculating per capita consumption were taken directly from Trade of Canada and include weight of containers as published.

² Beginning in 1954 this includes only solid pack apples, crabapples, sauce and pie filling.

³ Less than .05 but included in total.

⁴ Includes Domestic Canners.

⁵ Prior to 1954, meats are not included.

TABLE 16. Consumption of Canned Foods, 1960 and 1961

	Opening inventory	+ Production ¹	+ Imports ²	- Exports ²	- Closing inventory	Total consumption	Per capita consumption ³
	thousand pounds						pounds
Canned fruits:							
Apples (includes sauce and pie filling) 1960	29,207	34,722	—	905	28,868	34,300	1.9
1961	28,868	47,489	—	3,673	30,655	42,029	2.3
Apricots..... 1960	5,619	5,134	4,638	—	5,568	9,823	0.5
1961	5,568	5,069	5,097	—	4,771	10,963	0.6
Cherries..... 1960	4,986	7,819	4	4	4,555	8,250	0.5
1961	4,555	14,167	4	4	8,294	10,428	0.6
Fruit cocktail and fruits for salad..... 1960	12,378	8,825	33,474	—	11,786	42,891	2.4
1961	11,786	11,303	45,781	—	16,954	51,916	2.9
Peaches..... 1960	41,304	50,614	27,014	465	45,306	73,161	4.1
1961	45,306	60,469	29,529	500	55,719	79,085	4.3
Pears..... 1960	28,566	34,768	4,679	470	37,442	30,101	1.7
1961	37,442	30,804	5,262	1,975	35,357	36,176	2.0
Plums..... 1960	6,018	7,137	—	—	4,995	8,160	0.5
1961	4,995	11,936	—	—	8,606	8,325	0.5
Raspberries..... 1960	2,198	3,535	—	—	2,050	3,683	0.2
1961	2,050	4,386	—	—	2,410	4,026	0.2
Strawberries..... 1960	1,630	3,324	—	—	1,741	3,213	0.2
1961	1,741	3,257	—	—	2,062	2,936	0.2
All other fruits..... 1960	16,836	8,532	47,852	548	13,798	58,874	3.4
1961	13,798	9,155	59,126	1,566	14,882	62,276	3.4
Totals, including pie fillings..... 1960	148,742	164,410	117,657	2,244	156,109	272,456	15.3
1961	156,109	194,680	144,795	7,714	179,710	308,160	16.8

See footnotes at end of table.

TABLE 16. Consumption of Canned foods, 1960 and 1961 - Concluded

	Opening inventory	+ Production ¹	+ Imports ²	- Exports ²	- Closing inventory	Total consumption	Per capita consumption ³
	thousand pounds						pounds
Canned vegetables:							
Asparagus	1960 2,534	5,308	1,787	...	2,768	6,861	0.4
	1961 2,768	5,884	1,837	...	3,507	7,721	0.4
Beans, baked, including lima	1960 27,050	109,177	3,396	296	31,337	107,990	6.1
	1961 31,337	119,225	4,178	418	33,602	120,720	6.6
Beans, green or wax	1960 46,179	51,672	333	...	39,873	58,311	3.3
	1961 39,873	58,608	645	...	39,348	59,778	3.3
Corn, including corn-on-cob	1960 79,203	86,713	1,609	978	78,214	88,333	4.9
	1961 78,214	107,568	1,117	3,979	97,260	85,660	4.7
Peas	1960 71,128	102,721	622	1,301	67,759	105,411	5.9
	1961 67,759	106,064	623	1,519	69,921	103,006	5.6
Tomatoes	1960 51,828	115,910	19,189	60	86,890	99,977	5.6
	1961 86,890	89,670	18,947	197	71,045	124,265	6.8
All other vegetables	1960 43,779	66,935	7,127	2,050	61,119	54,672	3.1
	1961 61,119	60,726	6,602	3,365	62,092	62,990	3.4
Totals	1960 321,701	538,436	34,063	4,685	367,960	521,553	29.3
	1961 367,960	550,176	35,207	9,478	376,801	567,064	31.1
Concentrated milk products:							
Whole milk, evaporated ⁴	1960 44,598	316,950	-	3,264	45,453	312,831	17.5
	1961 45,453	324,049	-	4,659	62,158	302,685	16.6
Whole milk, condensed	1960 722	14,420	-	2	887	14,253	0.8
	1961 887	14,814	-	-	966	14,735	0.8
Whole milk, powder	1960 1,418	45,829	203	36,729	5,822	4,899	0.3
	1961 5,822	25,622	189	25,790	2,565	3,278	0.2
Skim milk, powder	1960 21,942	171,969	34	47,992	23,204	122,749	6.9
	1961 23,204	213,029	9	53,090	29,875	153,277	8.4
Other concentrated milk products	1960 9,140	65,055	1,719	2,834	8,975	64,105	3.6
	1961 8,975	85,535	461	7,855	10,603	76,513	4.2
Totals	1960 77,820	614,223	1,956	90,821	84,341	518,837	29.0
	1961 84,341	663,049	659	91,394	106,167	550,488	30.2
Other canned foods:							
Apple juice	1960 62,984	66,656	...	169	49,590	79,881	4.5
	1961 49,590	88,591	...	2,438	63,221	72,522	4.0
Tomato juice	1960 139,351	182,446	12,142	4,296	152,239	177,404	10.0
	1961 152,239	197,751	12,308	10,115	166,030	186,153	10.2
Tomato pulp, paste and purée	1960 8,843	7,156	17,638	29	8,414	25,194	1.4
	1961 8,414	6,386	20,588	-	15,594	19,794	1.1
Tomato ketchup	1960 28,040	57,497	...	...	37,390	...	...
	1961 37,390	48,004	...	...	24,631	...	...
Jams, jellies, and marmalades	1960 16,997	112,952	4,696	1,192	18,306	114,947	6.4
	1961 18,306	116,833	4,610	1,838	21,181	116,750	6.4
Infant foods	1960 34,607	68,521	...	108	37,259	35,761	2.0
	1961 37,259	70,015	...	950	32,085	74,239	4.1
Soups	1960 83,295	288,064	-	24,769	100,463	246,127	13.8
	1961 100,463	266,343	-	527	95,703	270,576	14.8
Meats	1960 19,149	69,497	4,445	9,904	14,172	69,015	3.8
	1961 14,172	87,764	10,938	9,623	15,879	87,372	4.2
Fish and shellfish ⁵	1960 5	63,041	13,512	24,238	5	56,315	3.2
	1961 5	92,858	12,060	35,083	5	54,386	3.0

¹ Production figures (except milk products) are taken from Pack or Quarterly Processed Foods reports.² 16% was deducted from Trade of Canada figures for canned fruit and vegetable preparations to allow for weight of containers.³ Population for 1960 was 17,814,000 and for 1961 was 18,238,000.⁴ Data not available.⁵ Opening and closing inventories not available; change in stocks estimated.

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