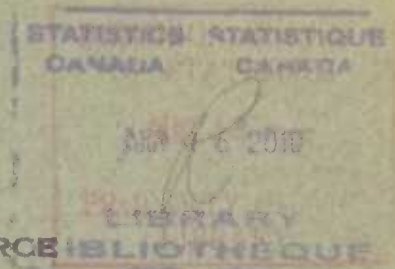


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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**CENSUS OF INDUSTRY**

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**CANNED FOOD PRODUCTION**

**IN**

**CANADA**

**1932 AND 1933**

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DOMINION BUREAU OF STATISTICS  
GENERAL MANUFACTURES BRANCH  
OTTAWA - CANADA

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CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

The development in the production of canned foods in Canada showed a remarkable expansion since the beginning of the twentieth century. In 1900 the total value did not exceed \$8,250,000, whilst in 1930 it had increased to more than \$55,000,000 or six and one-half times as much. In 1932 the value of production dropped to \$33,000,000. The principal commodities used in the canning industry are: fish, fruits and vegetables, milk and meats, whilst the industry itself forms an adjunct of considerable importance to other industries, notably the tin can industry, the wooden box industry and the paper and printing industries. The development of the canned foods trade has effected great changes in the relation of foods to seasons. Fruits and vegetables of many kinds are to be had at all times of the year, not always with all the flavour of the freshly gathered product, but with much of their original freshness and flavour. The producers in the country are provided with an enormously extended market and the consumer in both city and country with cheap and wholesome food in great variety. The consumer also enjoys protection by frequent inspection under the "Meat and Canned Foods Act, 1907", and subsequent amendments administered by the Health of Animals Branch of the Federal Department of Agriculture.

The principal statistics of establishments primarily employed in the production of canned foods for the years 1932 and 1933 are presented in the following summary table. It should be remembered that the statistics in this table are for all products and by-products of the several industries shown. The figures of production, therefore, are not comparable with those shown elsewhere in this report.

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1932 and 1933.

	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Gross Value of Products
	No.	\$	No.	\$	\$
<u>1932</u>					
Fish, canned .....	442	10,429,754	11,164	1,810,623	11,462,577
Fruit and vegetable preparations .....	258	40,586,892	5,954	4,056,746	30,034,537
Condensed and evaporated milk .....	26	6,469,831	745	968,948	7,392,897
Meats, canned .....	25	405,000 <sup>1/</sup>	70 <sup>1/</sup>	79,000 <sup>1/</sup>	685,765
TOTAL, 1932 .....	751	57,891,477	17,933	6,915,317	49,575,776
<u>1933</u>					
Fish, canned .....	423	10,310,588	11,517	1,964,282	10,577,667
Fruit and vegetable preparations .....	273	37,286,824	6,530	3,842,575	29,981,400
Condensed and evaporated milk .....	23	4,838,023	669	751,040	6,822,424
Meats, canned .....	24	395,000 <sup>1/</sup>	67 <sup>1/</sup>	76,300 <sup>1/</sup>	661,248
TOTAL, 1933 .....	743	52,830,435	18,783	6,634,197	48,042,739

1/ Estimated.

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Imports and Exports

Imports of canned foods in the calendar year 1933 amounted to \$2,053,514, mostly of fruits and vegetables not grown in Canada by reason of climatic conditions.

Exports of canned foods, the produce of Canada, during 1933 amounted in value to \$12,880,388, of which canned fish totalled \$8,141,552 and concentrated milk products \$2,097,153.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1929 to 1933.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1929 to 1933.

	1929	1930	1931	1932	1933
	\$	\$	\$	\$	\$
<u>IMPORTS</u>					
Canned fish .....	1,739,193	1,177,029	928,079	671,386	659,554
Canned fruits .....	3,172,055	2,954,415	1,678,341	587,903	764,380
Canned vegetables .....	2,037,391	1,461,185	765,581	298,041	194,596
Canned meats and soups .....	2,957,522	2,747,849	1,053,685	372,613	411,990
Concentrated milk products .	40,022	42,985	69,049	27,207	22,994
<b>TOTAL IMPORTS .....</b>	<b>9,946,183</b>	<b>8,383,463</b>	<b>4,494,735</b>	<b>1,957,150</b>	<b>2,053,514</b>
<u>EXPORTS</u>					
Canned fish .....	13,259,369	10,583,204	9,591,171	7,361,077	8,141,552
Canned fruits .....	422,543	250,271	331,091	581,438	897,208
Canned vegetables .....	1,272,445	631,015	654,332	580,673	806,895
Canned meats and soups .....	700,737	797,141	544,725	721,632	937,580
Concentrated milk products .	3,625,361	2,948,246	2,098,025	2,097,899	2,097,153
<b>TOTAL EXPORTS .....</b>	<b>19,280,455</b>	<b>15,209,877</b>	<b>13,219,344</b>	<b>11,342,719</b>	<b>12,880,388</b>

CANNED FOOD PRODUCTION

Table 3. - Production of Canned

	Unit of Measure	1927		1928		19
		Quantity	Value \$	Quantity	Value \$	Quantity
Canned Fish .....	Cases	1,842,672	16,616,458	2,531,075	18,380,344	2,029,445
Canned fruits .....	"	597,322	2,256,201	1,019,492	3,283,873	1,101,188
Canned vegetables .....	"	4,478,893	11,697,534	5,484,460	13,699,681	5,626,098
Canned meats .....	Pounds	8,734,823	1,188,961	6,815,051	947,225	10,197,431
Canned soups .....	Cases	304,509	1,014,086	408,245	1,390,612	556,739
Other canned foods .....	"	79,144	300,361	75,361	363,301	108,874
Concentrated milk products .....	Cwt.	1,051,063	10,003,394	1,024,925	10,096,482	1,060,574
<b>TOTAL</b> .....	-	-	<b>43,076,995</b>	-	<b>48,161,518</b>	-

- 1/ Includes "canned chicken".
- 2/ Includes "tomato juice" and "tomato paste and puree" in 1932.

Table 4(a). - Production of

	Unit of Measure	CANADA		Ontario		
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	
<b>Fish, canned</b> .....	<b>TOTAL</b>	Cases	1,637,991	10,147,138	-	-
Salmon .....	"	"	1,267,630	7,445,474	-	-
Lobster .....	"	"	122,062	1,912,933	-	-
Sardines .....	"	"	180,597	542,255	-	-
Clams and quahaugs .....	"	"	20,609	83,547	-	-
Herring .....	"	"	29,099	90,557	-	-
Haddock .....	"	"	14,902	62,153	-	-
Pilchards .....	"	"	2,946	8,838	-	-
Shrimps .....	"	"	35	812	-	-
Mackerel .....	"	"	111	569	-	-
Cod .....	"	"	-	-	-	-
<b>Fruits, canned</b> .....	<b>TOTAL</b>	Cases	1,201,275	-	993,066	-
	<b>TOTAL</b>	Pounds	<del>38,3</del> 38,378,598	2,894,951	31,685,047	2,385,705
Apples .....		Cases	230,704	-	185,630	-
		Pounds	8,778,486	433,435	7,085,775	359,522
Apricots .....		Cases	10,934	-	-	-
		Pounds	293,346	33,512	-	-
Blueberries .....		Cases	30,812	-	-	-
		Pounds	905,646	49,866	-	-
Cherries .....		Cases	71,260	-	68,839	-
		Pounds	2,116,651	179,736	2,029,126	171,859

- (1) Included under "all other fruits".
- (2) Included under "other small fruits".

IN CANADA, 1932 and 1933.

Foods in Canada, 1927 to 1933.

1929		1930		1931		1932		1933	
Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity
\$		\$		\$		\$		\$	
16,996,478	2,732,983	18,413,477	1,094,532	9,021,461	1,433,021	9,789,254	1,637,991	10,147,138	
3,827,027	927,838	3,520,213	784,833	2,444,818	1,336,153	3,444,647	1,201,275	2,894,951	
15,223,673	8,750,035	19,459,911	5,991,949	10,943,131	4,229,268	8,296,652	4,531,542	8,257,296	
1,432,524	6,443,349	914,379	5,153,019	894,799	3,108,220	685,765	3,142,249 <sup>1/</sup>	661,248 <sup>1/</sup>	
1,893,266	777,269	2,517,813	1,085,107	3,497,766	1,094,570	3,408,050	1,438,523	4,077,071	
471,956	95,486	506,067	394,753	1,102,982	2/ 705,372	1,565,601	811,517	1,358,605	
10,288,131	1,077,723	9,793,521	839,943	7,011,710	815,491	5,922,993	843,994	5,451,656	
50,133,055	-	55,125,381	-	34,916,667	-	33,112,962	-	32,847,965	

Canned Foods, by Provinces, 1933.

Quebec		British Columbia		Maritime Provinces		Prairie Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$		\$
14,183	205,221	1,278,269	7,485,577	345,539	2,456,340	-	-
2,076	12,993	1,265,072	7,428,123	482	4,358	-	-
12,021	191,781	-	-	110,041	1,721,152	-	-
-	-	-	-	180,597	542,255	-	-
-	-	10,216	47,804	10,393	35,743	-	-
-	-	-	-	29,099	90,557	-	-
-	-	-	-	14,902	62,153	-	-
-	-	2,946	8,838	-	-	-	-
-	-	35	812	-	-	-	-
86	447	-	-	25	122	-	-
-	-	-	-	-	-	-	-
19,472	-	135,207	-	53,530	-	-	-
569,201	31,320	4,516,466	389,164	1,807,884	88,762	-	-
(1)	-	15,180	-	29,866	-	-	-
(1)	-	574,768	28,684	1,116,851	45,184	-	-
-	-	10,934	-	-	-	-	-
-	-	293,346	33,512	-	-	-	-
19,282	-	(2)	-	11,520	-	-	-
563,112	30,711	(2)	-	342,234	19,135	-	-
-	-	2,421	-	-	-	-	-
-	-	87,525	7,877	-	-	-	-

Table 4(a). - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value	Quantity	Selling Value
			at Factory		at Factory
			\$		\$
Fruits, canned - (Concl'd.) -					
Loganberries .....	Cases	49,458		(2)	
	Pounds	1,768,798	145,957	(2)	
Peaches .....	Cases	161,615		155,978	
	Pounds	4,731,233	489,706	4,558,469	470,513
Pears .....	Cases	394,371		365,983	
	Pounds	12,499,762	929,229	11,648,969	846,584
Plums .....	Cases	135,716		114,475	
	Pounds	4,203,355	252,080	3,558,188	207,711
Raspberries .....	Cases	19,684		16,977	
	Pounds	549,260	66,443	472,009	54,762
Rhubarb .....	Cases	3,429		(1)	
	Pounds	132,180	7,016	(1)	
Strawberries .....	Cases	22,101		12,884	
	Pounds	670,097	70,139	356,674	36,523
Other small fruits .....	Cases	1,888		754	
	Pounds	60,413	6,681	20,555	2,588
All other fruits (3) .....	Cases	69,300		71,546	
	Pounds	1,969,571	281,151	1,959,280	235,643
Vegetables, canned .....					
	<u>TOTAL</u> Cases	4,531,542		2,366,513	
	<u>TOTAL</u> Pounds	157,972,294	8,257,295	81,277,764	4,268,715
Asparagus .....	Cases	42,650		42,490	
	Pounds	1,159,673	160,136	1,153,173	159,176
Beans, green or wax .....	Cases	306,820		51,281	
	Pounds	9,194,104	609,199	1,567,382	106,479
Beans, baked .....	Cases	1,045,796		630,735	
	Pounds	33,952,500	1,827,566	18,210,676	1,019,759
Beans, other .....	Cases	98,277		(4)	
	Pounds	3,818,845	162,746	(4)	
Beets .....	Cases	31,438		28,146	
	Pounds	938,364	81,063	851,761	71,612
Carrots .....	Cases	3,162		2,770	
	Pounds	85,881	8,529	70,332	7,211
Corn, cream of .....	Cases	397,229		200,490	
	Pounds	12,053,252	681,842	6,089,084	366,652
Corn, on cob .....	Cases	4,627		(4)	
	Pounds	251,603	17,768	(4)	
Peas .....	Cases	822,190		415,794	
	Pounds	24,790,005	1,756,945	12,646,587	919,010
Pumpkin .....	Cases	87,903		7,611	
	Pounds	3,693,920	142,436	2,970,516	112,827
Spinach .....	Cases	30,228		23,312	
	Pounds	906,611	78,974	673,072	51,081

- 1) Included under "All other fruits"
- 2) Included under "Other all fruits"
- 3) Includes: "p. apple", "gran fruit" and "fruits for salad"
- 4) Included under "All other vegetables"



IN CANADA, 1932 and 1933.

by Provinces, 1933. - (Cont'd.)

Quebec		British Columbia		Maritime Provinces		Prairie Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$		\$
-	-	49,383	-	-	-	-	-
(1)	-	1,766,698	145,768	-	-	-	-
(1)	-	(1)	-	-	-	-	-
-	-	(1)	-	-	-	-	-
-	-	18,819	-	9,572	-	-	-
-	-	579,771	64,202	271,022	18,443	-	-
-	-	19,162	-	2,079	-	-	-
-	-	583,189	40,599	61,978	3,770	-	-
(1)	-	2,570	-	-	-	-	-
(1)	-	73,004	11,227	-	-	-	-
-	-	(1)	-	-	-	-	-
-	-	(1)	-	-	-	-	-
-	-	2,309	-	(2)	-	-	-
-	-	300,299	31,763	(2)	-	-	-
-	-	1,129	-	493	-	-	-
-	-	39,581	3,920	15,799	2,230	-	-
190	-	6,795	-	-	-	-	-
6,089	609	218,285	21,605	-	-	-	-
1,411,789	-	718,446	-	34,794	-	-	-
50,734,070	2,461,082	26,597,711	1,449,738	1,373,749	77,761	-	-
-	-	(4)	-	-	-	-	-
-	-	(4)	-	-	-	-	-
172,534	-	70,713	-	12,292	-	-	-
5,138,921	310,116	2,120,514	169,226	367,297	23,378	-	-
348,387	-	49,619	-	22,055	-	-	-
12,948,667	649,976	1,771,745	104,519	991,412	53,212	-	-
(4)	-	-	-	-	-	-	-
(4)	-	-	-	-	-	-	-
-	-	3,178	-	(4)	-	-	-
-	-	83,343	9,211	(4)	-	-	-
(4)	-	(4)	-	-	-	-	-
(4)	-	(4)	-	-	-	-	-
186,732	-	10,007	-	-	-	-	-
5,662,661	297,030	301,507	18,160	-	-	-	-
1,254	-	-	-	-	-	-	-
60,192	2,664	-	-	-	-	-	-
218,446	-	188,650	-	-	-	-	-
6,591,582	421,921	5,551,836	416,014	-	-	-	-
(4)	-	11,946	-	-	-	-	-
(4)	-	507,584	22,504	-	-	-	-
-	-	6,674	-	(4)	-	-	-
-	-	224,479	21,150	(4)	-	-	-

CANNED FOOD PRODUCTION

Table 4(a). - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Vegetables, canned - (Concl'd.) -					
Tomatoes .....	Cases	1,659,856		891,297	
	Pounds	68,934,845	2,716,871	36,549,972	1,423,508
All other vegetables .....	Cases	5,666		9,077	
	Pounds	193,691	13,321	465,203	25,400
Meat and chicken, canned .....	<u>TOTAL</u> Cases	-		-	
	<u>TOTAL</u> Pounds	3,142,249	661,248	262,453	67,334
Soups, all kinds, canned .....	<u>TOTAL</u> Cases	1,438,523		1,291,196	
	<u>TOTAL</u> Pounds	39,733,669	4,077,071	34,261,915	3,711,966
Other canned goods .....	<u>TOTAL</u> Cases	811,517		722,636	
	<u>TOTAL</u> Pounds	20,704,626	1,358,605	18,026,984	1,175,563
Spaghetti .....	Cases	174,471		117,295	
	Pounds	5,296,840	431,536	3,578,733	326,207
Tomato juice .....	Cases	462,478		446,182	
	Pounds	10,802,257	626,964	10,192,080	588,213
Tomato paste and puree .....	Cases	87,427		82,957	
	Pounds	3,733,758	150,846	3,559,322	143,417
Foods prepared for infants .....	Cases	47,567		42,446	
	Pounds	361,720	90,987	325,872	77,628
All other canned goods .....	Cases	39,574		33,756	
	Pounds	510,051	58,272	370,977	40,098
Concentrated milk products .....	<u>TOTAL</u> Cwt.	843,994	5,451,656	629,666	4,086,957
Evaporated milk .....	"	534,207	3,335,684	367,109	2,254,832
Condensed milk .....	"	98,993	840,106	86,617	749,490
Condensed buttermilk .....	"	12,277	25,572	5,233	11,651
Condensed skim milk .....	"	41,019	196,402	40,962	196,120
Buttermilk powder .....	"	12,295	58,943	12,081	57,877
Skim milk powder .....	"	133,075	848,766	105,723	674,418
Whole milk powder .....	"	11,787	135,608	11,600	131,994
Cream powder .....	"	341	10,575	341	10,575
<b>TOTAL VALUE OF CANNED GOODS.</b>	--	--	<b>32,847,965</b>	--	<b>15,696,290</b>

- (1) Included under "all other fruits".
- (2) Included under "other small fruits".
- (3) Includes: "pineapple", "grapefruit" and "fruits for salad".
- (4) Included under "all other vegetables".
- (5) Included under "all other canned goods".

IN CANADA, 1932 and 1933.

by Provinces, 1933. - (Concl'd.)

Quebec		British Columbia		Maritime Provinces		Prairie Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
390,113		378,486		-		-	
16,482,954	615,510	15,901,913	677,853	-	-	-	-
94,323		4,173		447		-	
3,849,093	163,865	124,790	11,101	15,050	1,171	-	-
		-		-		-	
536,047	152,737	266,048	59,764	168,938	41,680	1,908,158	339,683
111,660		35,489		-		-	
4,334,267	249,958	1,130,219	114,562	-	-	-	-
69,987		18,894		178		-	
1,997,705	143,479	679,937	39,563	7,268	585	-	-
(5)		-		-		-	
(5)		-		-		-	
(5)		13,273		-		-	
(5)		477,877	31,193	-		-	
-		4,470		-		-	
-		174,436	7,429	-		-	
(5)		-		-		-	
(5)		-		-		-	
69,987		1,151		178		-	
1,997,705	143,479	27,624	941	7,268	585	-	-
12,242	45,954	151,861	1,049,644	47,104	248,404	3,119	20,697
-		132,370	923,064	34,727	157,788	-	-
-		-		12,377	90,616	-	-
6,465	11,313	579	2,608	-		-	
56	282	-		-		-	
213	1,066	-		-		-	
5,397	31,901	18,861	122,597	-		3,094	19,850
111	1,392	51	1,375	-		25	847
-		-		-		-	
-	3,289,751	-	10,588,012	-	2,913,532	-	360,300

Table 4(b). Production of Canned

		CANADA		Ontario		
		Unit of Measure	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
				\$		\$
Fish, canned	<u>TOTAL</u>	Cases	1,433,021	9,789,254	-	-
Salmon		"	1,082,325	6,366,096	-	-
Lobster		"	166,799	2,707,420	-	-
Sardines		"	113,197	395,531	-	-
Clams and quahaugs		"	21,935	125,332	-	-
Herring		"	25,231	79,648	-	-
Haddock		"	13,637	61,145	-	-
Pilchards		"	4,622	11,093	-	-
Shrimps		"	209	5,933	-	-
Mackrel		"	709	3,921	-	-
Cod		"	239	1,195	-	-
All other		"	4,118	31,800	-	-
Fruits, canned	<u>TOTAL</u>	Cases	1,336,153		1,050,101	
	<u>TOTAL</u>	Pounds	44,272,792	3,444,647	3,702,894	2,732,344
Apples		Cases	257,576		144,069	
		Pounds	10,168,004	530,363	5,571,258	310,755
Blueberries		Cases	28,681		9,037	
		Pounds	958,633	53,709	282,109	23,036
Cherries		Cases	112,106		103,741	
		Pounds	3,581,836	275,525	3,379,721	254,645
Peaches		Cases	218,901		211,217	
		Pounds	7,177,457	776,730	6,903,029	752,073
Pears		Cases	378,341		356,835	
		Pounds	12,591,136	974,575	11,629,478	903,433
Pineapples		Cases	(1)		(1)	
		Pounds	(1)		(1)	
Plums		Cases	87,969		79,150	
		Pounds	2,836,210	171,953	2,504,425	134,533
Raspberries		Cases	36,665		25,871	
		Pounds	1,232,169	138,172	869,865	90,913
Rhubarb		Cases	(1)		-	
		Pounds	(1)		-	
Strawberries		Cases	30,100		22,193	
		Pounds	1,28,839	103,751	706,459	69,722
Other small fruits		Cases	51,768		(1)	
		Pounds	2,114,595	143,302	(1)	
All other fruits		Cases	103,746		68,066	
		Pounds	2,765,38	276,487	1,114,450	172,304
Vegetables, canned	<u>TOTAL</u>	Cases	29,268		2,555,086	
	<u>TOTAL</u>	Pounds	59,54,152	2,296,652	94,197,421	5,028,735
Peas		Cases	37,30		34,701	
		Pounds	1,31,884	211,420	927,000	217,319

1) Included in "all other fruits".  
 2) Included under "all other vegetables".

Provinces, 1932.

Quebec		British Columbia		Maritime Provinces		Prairie Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$		\$
13,797	218,653	1,097,324	6,460,327	321,910	3,109,674	-	-
847	4,335	1,081,011	6,357,813	467	3,943	-	-
12,759	212,656	-	-	154,040	2,494,764	-	-
-	-	-	-	113,197	395,531	-	-
33	264	11,221	84,462	10,681	40,636	-	-
-	-	-	-	25,231	79,648	-	-
-	-	-	-	13,637	61,145	-	-
-	-	4,622	11,093	-	-	-	-
-	-	209	5,933	-	-	-	-
84	658	-	-	625	3,263	-	-
-	-	-	-	239	1,195	-	-
74	740	251	1,606	3,793	29,544	-	-
6,986	-	256,584	-	42,402	-	-	-
279,634	13,376	8,712,817	633,917	1,577,447	64,810	-	-
-	-	33,721	-	(1)	-	-	-
(1)	-	3,608,455	183,372	(1)	-	-	-
(1)	-	(1)	-	14,508	-	-	-
(1)	-	(1)	-	460,376	22,358	-	-
-	-	8,365	-	-	-	-	-
-	-	202,115	20,880	-	-	-	-
(1)	-	6,602	-	-	-	-	-
(1)	-	193,312	21,160	-	-	-	-
-	-	12,398	-	(1)	-	-	-
-	-	652,858	64,896	(1)	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	8,819	-	-	-	-	-
-	-	331,315	17,420	-	-	-	-
(1)	-	9,894	-	-	-	-	-
(1)	-	333,754	44,452	-	-	-	-
-	-	(1)	-	-	-	-	-
-	-	(1)	-	-	-	-	-
-	-	8,227	-	-	-	-	-
-	-	322,380	34,029	-	-	-	-
-	-	51,263	-	-	-	-	-
-	-	2,096,920	142,090	-	-	-	-
6,986	-	36,313	-	27,894	-	-	-
279,634	13,576	971,008	105,418	1,117,071	42,452	-	-
1,021,302	-	546,140	-	36,740	-	-	-
43,570,017	2,008,221	17,896,844	1,181,456	1,389,870	78,240	-	-
-	-	(2)	-	-	-	-	-
-	-	(2)	-	-	-	-	-

CANNED FOOD PRODUCTION

Table 4(b) - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value	Quantity	Selling Value
			at Factory		at Factory
			\$		\$
Vegetables, canned - (Concl'd.) -					
Beans, green or wax .....	Cases	215,275		57,771	
	Pounds	6,817,991	466,619	1,871,208	137,132
Beans, baked .....	Cases	861,148		431,266	
	Pounds	37,634,673	1,855,775	16,620,591	947,827
Beets .....	Cases	21,706		19,440	
	Pounds	698,445	53,450	617,673	45,861
Carrots .....	Cases	3,699		3,384	
	Pounds	115,066	7,609	101,431	6,439
Corn .....	Cases	424,161		227,444	
	Pounds	13,757,134	775,387	7,647,933	458,898
Peas .....	Cases	1,023,933		681,686	
	Pounds	32,129,522	1,991,349	21,547,665	1,310,467
Pumpkin .....	Cases	51,438		46,701	
	Pounds	2,261,094	90,114	2,077,031	81,666
Spinach .....	Cases	50,211		40,478	
	Pounds	1,621,345	135,912	1,273,862	106,715
Tomatoes .....	Cases	1,433,266		975,345	
	Pounds	61,922,239	2,588,695	40,754,522	1,654,672
All other vegetables .....	Cases	57,127		36,420	
	Pounds	1,114,759	100,252	753,505	61,738
Meats, canned .....	<u>TOTAL</u> Cases	206,940		17,608	
	<u>TOTAL</u> Pounds	3,108,220	685,765	262,076	53,607
Soups, all kinds .....	<u>TOTAL</u> Cases	1,094,570		893,900	
	<u>TOTAL</u> Pounds	34,639,323	3,408,050	27,044,100	2,984,936
Other canned goods .....	<u>TOTAL</u> Cases	705,372		585,057	
	<u>TOTAL</u> Pounds	19,535,965	1,565,601	16,844,161	1,388,380
Chicken .....	Cases	(4)		(4)	
	Pounds	(4)		(4)	
Spaghetti .....	Cases	215,934		(4)	
	Pounds	5,405,670	471,349	(4)	
Tomato juice .....	Cases	348,472		336,337	
	Pounds	10,362,411	674,115	9,808,557	547,784
Tomato paste and puree .....	Cases	64,653		62,223	
	Pounds	2,896,133	132,728	2,793,339	128,510
Infants' foods .....	Cases	64,975		60,882	
	Pounds	649,750	234,290	608,817	214,776
All other canned goods .....	Cases	11,438		125,615	
	Pounds	222,001	53,119	3,633,448	397,310

(1) Included under "all other fruits".  
 (2) Included under "all other vegetables".  
 (3) Included in "total value of all canned goods".  
 (4) Included under "all other canned goods".

IN CANADA, 1932 and 1933.

by Provinces, 1932. - (Cont'd.)

Quebec		British Columbia		Maritime Provinces		Prairie Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
119,459		28,018		10,027		-	
3,744,150	235,578	380,983	76,605	321,350	19,304	-	
354,152		(2)		26,713		-	
17,866,312	745,422	(2)		1,068,520	58,936	-	
		2,266		-		-	
		80,772	7,589	-		-	
(2)		(2)		-		-	
(2)		(2)		-		-	
168,383		(2)		-		-	
5,259,181	265,690	(2)		-		-	
170,253		151,994		-		-	
5,914,562	321,368	4,667,295	359,514	-		-	
(2)		4,517		-		-	
(2)		175,263	8,052	-		-	
(2)		8,734		-		-	
(2)		323,407	28,192	-		-	
238,054		269,867		-		-	
10,417,762	403,323	10,749,955	530,700	-		-	
21,001		80,744		-		-	
367,750	38,840	3,019,169	170,804	-		-	
55,582		19,346		5,333		109,071	
839,891	246,144	290,195	69,668	80,000	12,000	1,636,058	304,346
175,179		(3)		(3)		-	
6,788,883	329,018	(3)		(3)		-	
102,566		12,624		-		5,125	
1,938,147	132,672	549,893	27,870	-		153,764	16,679
(4)		-		-		-	
(4)		-		-		-	
(4)		-		-		-	
(4)		10,194		-		-	
(4)		447,099	23,652	-		-	
		2,430		-		-	
		102,794	4,218	-		-	
4,093		-		-		-	
40,333	19,314	-		-		-	
98,473		-		-		5,125	
1,947,214	113,158	-		-		153,764	16,679

Table 4(b) - Production of Canned Foods,  
CANADA Ontario

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Concentrated milk products .....	<u>TOTAL</u> Cwt.	815,491	5,922,993	614,032	4,403,208
Evaporated milk .....	"	479,155	3,492,758	314,495	2,236,328
Condensed milk .....	"	148,255	1,259,634	132,926	1,147,716
Condensed buttermilk .....	"	3,397	9,057	3,176	8,040
Condensed skim milk .....	"	50,980	226,041	50,980	226,041
Buttermilk powder .....	"	9,574	47,996	9,574	47,996
Skim milk powder .....	"	114,852	772,630	94,796	637,638
Whole milk powder .....	"	7,890	95,114	7,823	93,341
Cream powder .....	"	262	6,108	262	6,108
Condensed coffee .....	"	1,126	13,655	-	-
TOTAL VALUE OF CANNED GOODS:		-	33,112,962	-	16,591,210

- (1) Included under "all other fruits".
- (2) Included under "all other vegetables".
- (3) Included in "total value of all canned goods".
- (4) Included under "all other canned goods".



IN CANADA, 1932 and 1933.

by Provinces, 1932. - (Cont'd.)

Quebec		British Columbia		Maritime Provinces		Prairie Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$		\$
-	-	158,318	1,243,656	42,476	241,136	7,665	14,993
-	-	130,639	1,120,867	26,021	135,563	-	-
-	-	-	-	15,329	111,918	-	-
-	-	221	1,017	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	17,391	119,999	-	-	2,665	14,933
-	-	67	1,773	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	1,126	13,655	-	-
-	2,948,284	-	9,709,590	-	3,527,860	-	336,018

FISH CANNING

The principal varieties of fish used in Canadian canneries are in order of their importance: salmon, lobsters, sardines, clams, herring, haddock and pilchards.

Salmon Canning: The salmon canning industry is practically confined to the province of British Columbia and dates as far back as 1876 when the initial pack was 9,847 cases, drawn wholly from the Fraser River area. Ten years later the pack had increased to 161,264 cases and again in 1896 to 601,570 cases. In 1926 the pack had further increased to 2,065,190 cases constituting the second highest record pack for the industry, whilst in 1930 the pack had increased to 2,223,469 cases, the high record to date. In 1933 the pack amounted to 1,265,072 cases valued at \$7,428,123.

Every species of this kind of food fishes (which, however, is not the true salmon) known to the waters of the Pacific is to be found on the British Columbia Coast -- the sockeye, the spring, the coho, the pink and the chum salmon. Of these the sockeye is by far the most important, owing to its abundance, its deep red colour and its excellent texture which have created so favourable a demand in the British market. The Fraser river which had for years been the chief source of supply has now yielded place to the Skeena river and adjacent waters. The remaining species are all marketable in quality though not commanding the high place attained by the sockeye. A table showing the annual pack since the beginning of the industry is appended. A variation in the quantity of the pack will be noted, the maximum being reached in about every fourth year.

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Annual Pack of Salmon, 1876 to 1933.

Year	Cases No.	Year	Cases No.
1876	9,847	1905	1,167,822
1877	67,387	1906	629,460
1878	113,601	1907	542,266
1879	61,093	1908	542,689
1880	61,849	1909	967,920
1881	117,276	1910	762,201
1882	225,061	1911	948,965
1883	196,292	1912	996,626
1884	141,242	1913	1,353,901
1885	108,517	1914	1,111,039
1886	161,264	1915	1,133,381
1887	204,083	1916	995,065
1888	181,040	1917	1,557,485
1889	414,294	1918	1,616,157
1890	409,464	1919	1,393,156
1891	314,893	1920	1,187,616
1892	228,470	1921	603,548
1893	590,229	1922	1,290,326
1894	494,371	1923	1,341,677
1895	566,395	1924	1,745,313
1896	601,570	1925	1,719,282
1897	1,027,204	1926	2,065,190
1898	492,657	1927	1,360,634
1899	765,517	1928	2,035,629
1900	606,530	1929	1,399,541
1901	1,236,156	1930	2,223,469
1902	625,982	1931	686,697
1903	473,674	1932	1,082,325
1904	465,894	1933	1,265,072

Lobster Canning: Next to salmon canneries of the Pacific Coast comes the lobster canning industry of Nova Scotia, New Brunswick, Prince Edward Island and Quebec. The industry dates from 1870 when the province of Nova Scotia produced 30,000 cans and New Brunswick 20,000 cans. In the following year a factory was started in Prince Edward Island with an initial pack of 6,711 cans. The growth of the industry in over sixty years is indicated by the output of the 329 factories operating in Canada in 1933. Prince Edward Island with 91 factories produced 32,395 cases valued at \$512,138. Nova Scotia with 88 factories produced 50,729 cases valued at \$754,590. New Brunswick with 99 factories produced 26,417 cases valued at \$454,424 and Quebec with 51 factories produced 12,021 cases valued at \$191,781, or a total pack in 1933 of 122,062 cases worth \$1,912,933. Large quantities of canned lobster are exported annually to Great Britain, the United States and France. A table showing the annual pack of lobsters from 1897 to date follows.

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Annual Pack of Lobsters, 1897 to 1933.

Year	Cases of 48 Lb. No.	Year	Cases of 48 Lb. No.
1897	231,886	1916	197,751
1898	223,554	1917	195,993
1899	218,652	1918	107,812
1900	219,756	1919	128,759
1901	209,513	1920	163,299
1902	194,794	1921	137,607
1903	220,921	1922	148,644
1904	224,214	1923	151,039
1905	219,534	1924	102,118
1906	210,516	1925	127,497
1907	222,095	1926	123,519
1908	227,323	1927	113,937
1909	188,992	1928	111,986
1910	183,094	1929	127,516
1911	208,482	1930	139,109
1912	187,616	1931	146,338
1913	166,512	1932	166,799
1914	160,902	1933	122,062
1915	162,966		

Sardine Canning. The industry is confined almost wholly to the Province of New Brunswick. The name of sardine as applied to the Canadian fish is not the true one; as the fish used in the canneries of New Brunswick are the young of the herring. The first mention of a sardine industry in Canada so far as is known dates back to sometime in the late sixties. Although there are but three canneries operating, they are of large capacity, and the total pack in 1933 amounted to 180,597 cases valued at \$542,255. The remainder of the catch—90,352 barrels, valued at \$81,721—was sold as fresh and salted, and went chiefly to United States' factories for canning. The imports of canned sardines in 1933 amounted to \$250,657 and came principally from Norway. Exports to the value of \$226,784 were reported in 1933 principally to British Dominions and dependencies. The season for taking this fish extends from April 1st to December 31st. A table showing the annual pack of sardines from 1917 to date is appended.

Annual Pack of Sardines, 1917 to 1933.

Year	Cases Canned No.	Year	Cases Canned No.
1917	168,365	1923	140,000
1918	177,193	1924	282,306
1919	119,225	1925	209,649
1920	129,925	1926	217,592
1921	111,835	1927	240,091
1922	121,800	1928	257,881

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Annual Pack of Sardines, 1917 to 1933. - (Concl'd.)

Year	Cases Canned No.	Year	Cases Canned No.
1929 .....	329,204	1932 .....	113,197
1930 .....	244,238	1933 .....	180,597
1931 .....	202,520		

Clam and Other Canneries: - There is also a considerable pack of fish of other varieties, the principal items in 1933 being: herring with 29,099 cases valued at \$90,557, clams and quahaugs 20,609 cases worth \$83,547, haddock 14,902 cases valued at \$62,153, crabs 999 cases worth \$14,457 and all other canned fish 4,268 cases valued at \$14,450. The exports of some of these miscellaneous kinds in 1933 were as follows: pilchards \$36,142, herring \$19,848 and clams \$7,440. A statement showing the quantity of clams and quahaugs packed annually since 1917 is herewith presented.

Annual Pack of Clams and Quahaugs, 1917 to 1933.

Year	Cases Canned No.	Year	Cases Canned No.
1917 .....	19,445	1926 .....	30,370
1918 .....	16,592	1927 .....	38,826
1919 .....	14,599	1928 .....	43,090
1920 .....	17,195	1929 .....	54,289
1921 .....	22,384	1930 .....	44,708
1922 .....	23,085	1931 .....	23,177
1923 .....	18,329	1932 .....	21,935
1924 .....	32,447	1933 .....	20,609
1925 .....	37,622		

FRUIT AND VEGETABLE CANNING

The canning of fruits and vegetables is carried on most extensively in the provinces of Ontario, British Columbia and Quebec, where climatic conditions are favourable for the growing of fruits and vegetables. The principal fruits canned in Ontario are: apples, pears, plums, peaches, cherries, currants, gooseberries, blueberries, raspberries and strawberries. In addition, British Columbia has the apricot and the loganberry. The vegetables canned include: tomatoes, peas, corn, beans, beets, carrots, pumpkin, squash, spinach and asparagus. The canning season begins in June and continues through the summer and autumn until October, being at its height in July, August and September. The pack in 1933 consisted of 1,201,275 cases of fruits and 4,531,542 cases of vegetables valued at \$2,894,951 and \$8,257,296 respectively. Of the canned vegetables packed, tomatoes rank first in the number of cases with 1,659,856, baked beans with 1,045,796 cases comes next, followed in order by peas with 822,890 cases and corn 401,856 cases. Of the fruits canned, pears came first with 394,374

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

cases, followed by apples with 230,704 cases, peaches 161,615 cases and plums 135,716 cases. Other important canned goods were: soups of all kinds 1,438,523 cases and tomato juice 462,478 cases.

Imports and exports of canned fruits and vegetables during the calendar years 1932 and 1933 are summarized in the following tables as far as the classification of these commodities permit.

Table showing Imports of Canned Fruits and Vegetables,  
Calendar Years 1932 and 1933.

	1 9 3 2		1 9 3 3	
	Quantity	Value	Quantity	Value
	Lbs.	\$	Lbs.	\$
Canned Vegetables -				
Asparagus .....	796,001	112,297	427,794	54,046
Beans, baked .....	133,489	10,330	97,227	6,346
Corn .....	40,059	2,238	45,379	2,421
Peas .....	404,364	33,203	152,664	13,511
Tomatoes .....	210,757	8,743	390,843	30,966
Mushrooms .....	433,559	58,775	234,138	36,237
All other vegetables .....	1,063,395	72,455	728,088	51,069
<b>TOTAL CANNED VEGETABLES ..</b>	<b>3,081,624</b>	<b>298,041</b>	<b>2,076,133</b>	<b>194,596</b>
Canned Fruits -				
Peaches and apricots .....	3,195,156	184,676	2,257,153	135,232
Pears .....	288,615	19,036	256,763	16,318
Pineapples .....	7,543,940	338,788	18,353,620	574,888
All other fruits .....	496,134	45,403	459,355	37,942
<b>TOTAL CANNED FRUITS .....</b>	<b>11,523,845</b>	<b>587,903</b>	<b>21,326,891</b>	<b>764,380</b>

Table showing Exports of Canned Fruits and Vegetables,  
Calendar Years 1932 and 1933.

	1 9 3 2		1 9 3 3	
	Quantity	Value	Quantity	Value
	Lbs.	\$	Lbs.	\$
Canned Vegetables -				
Beans .....	2,073,194	85,037	4,773,916	186,676
Tomatoes .....	13,238,203	369,267	10,307,738	490,927
All other vegetables .....	2,725,662	126,369	2,328,224	129,292
<b>TOTAL CANNED VEGETABLES ..</b>	<b>18,037,059</b>	<b>580,673</b>	<b>17,409,878</b>	<b>806,895</b>

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Table showing Exports of Canned Fruits and Vegetables,  
Calendar Years 1932 and 1933. - (Concl'd.)

	1932		1933	
	Quantity	Value	Quantity	Value
	Lbs.	\$	Lbs.	\$
Canned Fruits -				
Pears .....	4,529,317	263,890	7,181,721	395,621
All other fruits <sup>x</sup> .....	5,759,978	317,548	9,302,433	501,587
TOTAL CANNED FRUITS .....	10,289,295	581,438	16,484,154	897,208

<sup>x</sup>Includes canned apples from April 1, 1933.

MEAT CANNING

The canning of meats, an adjunct of the great meat packing industry, is not as extensively carried on in Canada as are other sections of the canned foods group of industries, being more in the nature of a side line of the main industry. The total value of canned meats manufactured in Canada during the calendar year 1933 was \$661,248. Imports of canned meats, poultry and game during the same period amounted to \$397,761, whilst exports of Canadian products totalled \$129,488. Closely allied to the canned meat industry is that of canned soups, the manufacture of which in the year mentioned totalled \$4,077,071, whilst imports were valued at \$14,229 and exports at \$808,092. It is interesting to note that imports of canned soups dropped from \$1,554,100 in 1930 to only \$14,229 in 1933.

CONCENTRATED MILK PRODUCTS

The concentrated milk products industry in Canada dates from 1883 when the first factory was established at 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-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 in 1910 to \$1,814,871. The value of production in recent years as given in the following table shows the rapid advancement made by this industry.

CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Production of Concentrated Milk Products, 1917 to 1933.

<u>Year</u>	<u>Value of Products</u>	<u>Year</u>	<u>Value of Products</u>
	\$		\$
1917 .....	7,308,042	1926 .....	9,601,138
1918 .....	11,218,055	1927 .....	10,186,312
1919 .....	13,930,513	1928 .....	10,176,208
1920 .....	17,160,111	1929 .....	10,498,544
1921 .....	11,526,422	1930 .....	10,040,176
1922 .....	6,839,232	1931 .....	7,067,807
1923 .....	10,040,318	1932 .....	5,952,947
1924 .....	9,710,017	1933 .....	5,536,888
1925 .....	9,844,613		

The value of imports and exports of concentrated milk products is shown for the calendar years 1920 to 1933.

<u>Year</u>	<u>Imports</u>	<u>Exports</u>
	\$	\$
1920 .....	192,273	8,589,330
1921 .....	27,649	5,643,244
1922 .....	113,008	3,135,866
1923 .....	133,845	5,105,293
1924 .....	94,035	5,323,658
1925 .....	53,298	5,110,272
1926 .....	75,984	4,538,939
1927 .....	90,921	4,256,344
1928 .....	72,497	3,497,601
1929 .....	101,206	3,650,117
1930 .....	64,014	2,966,536
1931 .....	77,362	2,099,519
1932 .....	30,339	2,099,119
1933 .....	22,994	2,097,153

CONSUMPTION OF CANNED FOODS IN CANADA, 1933.

The value of canned foods available for consumption in Canada for the calendar year 1933 is shown by classes in the following summary table. Consumption figures are usually computed by adding together the values of manufactures and imports and deducting therefrom the value of exports.



CANNED FOOD PRODUCTION IN CANADA, 1932 and 1933.

Consumption of Canned Foods in Canada, 1933.

Classes of Canned Foods	Value of Manufactures \$	Value of Imports \$	Value of Exports \$	Value available for consumption	
				Total \$	Per Capita \$
Fish, canned ....	10,147,138	659,554	8,141,552	2,665,140	.25
Fruits, canned ..	2,894,951	764,380	897,208	2,762,125	.26
Vegetables, canned	8,257,296	194,596	806,895	7,644,997	.72
Soups, canned ...	4,077,071	14,229	808,092	3,283,208	.31
Miscellaneous products, canned	1,358,605	-	-	1,358,605	.13
Concentrated milk products .....	5,451,656	22,994	2,097,153	3,377,497	.31
Meats, canned ...	661,248	397,761	129,488	929,521	.09
<b>TOTAL ....</b>	<b>32,847,965</b>	<b>2,053,514</b>	<b>12,880,388</b>	<b>22,021,091</b>	<b>2.07</b>