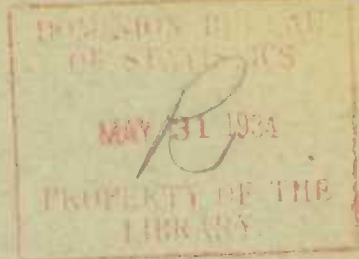


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

CANNED FOOD PRODUCTION
IN
CANADA
1931 AND 1932

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Minister of Trade and Commerce.

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES DIVISION
OTTAWA CANADA

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CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

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 industry. The development of the canned foods trade has effected great changes in the relation of foods to seasons. Fruits and vegetables of many kinds are to be had at all times of the year, not always with all the flavour of the freshly gathered 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 calendar years 1931 and 1932 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, 1931 and 1932.

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1931 and 1932.

	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Gross Value of Products
	No.	\$	No.	\$	\$
<u>1931</u>					
Fish, canned	413	11,741,041	9,738	1,744,038	11,394,320
Fruit and vegetable preparations	278	48,152,325	6,329	4,509,377	32,572,580
Condensed and evaporated milk	26	7,580,884	779	982,984	8,754,002
Meats, canned	22	475,000 ^{1/}	70 ^{1/}	88,000 ^{1/}	894,799
TOTAL, 1931	739	67,949,250	16,916	7,324,399	53,615,701¹
<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 ^{1/}	70 ^{1/}	79,000 ^{1/}	685,765
TOTAL, 1932	751	57,891,477	17,933	6,915,317	49,575,776

1/ Estimated.

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

Imports and Exports.

Imports of canned foods in the calendar year 1932 amounted to \$1,957,150, mostly of fruits and vegetables not grown in Canada by reason of climatic conditions.

Exports of canned foods, the produce of Canada, during 1932 amounted in value to \$11,342,719, of which canned fish totalled \$7,361,077 and condensed milk \$2,097,899.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1929 to 1932.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1929 to 1932.

	1929	1930	1931	1932
	\$	\$	\$	\$
<u>I M P O R T S</u>				
Canned fish	1,739,193	1,177,029	928,079	671,386
Canned fruits	3,172,055	2,954,415	1,678,341	587,903
Canned vegetables	2,037,391	1,461,185	765,581	298,041
Canned meats and soups	2,957,522	2,747,849	1,053,685	372,613
Canned milk products	40,022	42,985	69,049	27,207
TOTAL IMPORTS	9,946,183	8,383,463	4,494,735	1,957,150
<u>E X P O R T S</u>				
Canned fish	13,259,369	10,583,204	9,591,171	7,361,077
Canned fruits	422,543	250,271	331,091	581,438
Canned vegetables	1,272,445	631,015	654,332	580,673
Canned meats and soups	700,737	797,141	544,725	721,632
Canned milk products	3,625,361	2,948,246	2,098,025	2,097,899
TOTAL EXPORTS	19,280,455	15,209,877	13,219,344	11,342,719

CANNED FOOD PRODUCTION

Table 3. - Production of Canned

	Unit of Measure	1926		1927		19
		Quantity	Value \$	Quantity	Value \$	Quantity
Canned fish	Cases	2,501,233	21,614,053	1,842,672	16,616,458	2,531,075
Canned fruits	"	837,405	3,058,870	597,322	2,256,201	1,019,492
Canned vegetables	"	4,920,727	12,755,758	4,478,893	11,697,534	5,484,460
Canned meats	Lb.	6,682,831	961,046	8,734,823	1,188,961	6,815,051
Canned soups	Cases	173,738	604,883	304,509	1,014,086	408,245
Other canned foods	"	69,157	280,082	79,144	300,361	75,361
Concentrated milk products	Cwt.	946,824	9,538,588	1,051,063	10,003,394	1,024,925
TOTAL			48,813,300		43,076,995	

1/ 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 \$
Fish, canned	TOTAL 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	125,382	-	-
Herring	"	25,231	79,648	-	-
Haddock	"	13,637	61,145	-	-
Pilchards	"	4,622	11,093	-	-
Shrimps	"	209	5,933	-	-
Mackerel	"	709	3,921	-	-
Cod	"	239	1,195	-	-
All other	"	4,118	31,890	-	-
Fruits, canned	TOTAL Cases	1,336,153		1,050,181	
	TOTAL Lbs.	44,272,792	3,444,647	33,702,894	2,732,344
Apples	Cases	257,576		144,069	
	Lbs.	10,188,004	530,363	5,571,258	310,755
Blueberries	Cases	28,681		9,039	
	Lbs.	956,633	53,789	282,189	23,036
Cherries	Cases	112,106		103,741	
	Lbs.	3,581,836	275,525	3,379,721	254,645
Peaches	Cases	248,901		241,217	
	Lbs.	7,177,457	776,730	6,943,029	752,973
Pears	Cases	378,341		356,835	
	Lbs.	12,391,136	974,575	11,629,498	903,463
Pineapples	Cases	(1)		(1)	
	Lbs.	(1)	(1)	(1)	(1)
Plums	Cases	87,969		79,150	
	Lbs.	2,836,240	171,953	2,504,425	154,533
Raspberries	Cases	36,665		25,871	
	Lbs.	1,232,169	138,172	869,865	90,913
Rhubarb	Cases	(1)		-	
	Lbs.	(1)	(1)	-	-
Strawberries	Cases	30,400		22,193	
	Lbs.	1,028,839	103,751	706,459	69,722
Other small fruits	Cases	51,768		(1)	
	Lbs.	2,114,595	143,302	(1)	(1)
All other fruits	Cases	103,746		68,066	
	Lbs.	2,765,883	276,487	1,816,450	172,304

1/ Included under "All other fruits".

IN CANADA, 1931 and 1932.

Foods in Canada, 1926 to 1932.

28		1929		1930		1931		1932	
Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity
\$		\$		\$		\$		\$	
18,380,344	2,029,415	16,996,478	2,732,983	18,413,477	1,094,532	9,021,461	1,433,021	9,789,254	
3,283,873	1,101,188	3,827,027	927,838	3,520,213	784,833	2,444,818	1,336,153	3,444,647	
13,699,681	5,626,098	15,223,673	8,750,035	19,459,911	5,991,949	10,943,131	4,229,268	8,296,652	
947,225	10,197,431	1,432,524	6,443,349	914,379	5,153,019	894,799	3,108,220	685,765	
1,390,612	556,739	1,893,266	777,269	2,517,813	1,085,107	3,497,766	1,094,570	3,408,050	
363,301	108,874	471,956	95,486	506,067	394,753	1,102,982	705,372	1,565,601	
10,096,482	1,060,574	10,288,131	1,077,723	9,793,521	839,943	7,011,710	815,491	5,922,993	
48,161,518	-	50,133,055	-	55,125,381	-	34,916,667	-	33,112,962	

Canned Foods, by 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	1,097,314	6,460,927	321,910	3,109,674	-	-
347	4,335	1,081,011	6,357,813	467	3,948	-	-
12,759	212,656	-	-	154,040	2,494,764	-	-
33	264	11,221	84,482	113,197	395,531	-	-
-	-	-	-	10,681	40,636	-	-
-	-	-	-	25,231	79,648	-	-
-	-	4,622	11,093	13,637	61,145	-	-
-	-	209	5,933	-	-	-	-
84	658	-	-	625	3,263	-	-
74	740	-	-	239	1,195	-	-
6,986	-	251	1,606	3,793	29,544	-	-
279,634	13,576	236,584	42,402	1,577,447	64,810	-	-
-	-	8,712,817	633,917	-	-	-	-
-	-	88,721	-	(1)	-	-	-
(1)	(1)	3,608,455	183,372	(1)	(1)	-	-
(1)	(1)	(1)	(1)	14,508	-	-	-
-	-	(1)	(1)	460,376	22,358	-	-
-	-	8,365	-	-	-	-	-
(1)	(1)	202,115	20,880	-	-	-	-
(1)	(1)	6,602	-	-	-	-	-
-	-	193,312	21,160	(1)	-	-	-
-	-	18,398	-	(1)	-	-	-
-	-	652,858	64,896	(1)	(1)	-	-
-	-	-	-	-	-	-	-
-	-	8,819	-	-	-	-	-
(1)	(1)	331,815	17,420	-	-	-	-
(1)	(1)	9,894	-	-	-	-	-
-	-	333,954	44,452	-	-	-	-
-	-	(1)	(1)	-	-	-	-
-	-	(1)	(1)	-	-	-	-
-	-	8,207	-	-	-	-	-
-	-	322,380	34,029	-	-	-	-
-	-	51,263	-	-	-	-	-
-	-	2,096,920	142,090	-	-	-	-
6,986	-	36,315	-	27,894	-	-	-
279,634	13,576	971,008	105,618	1,117,071	42,452	-	-

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

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value	Quantity	Selling Value
			at Factory		at Factory
			\$		\$
Vegetables, canned	<u>TOTAL</u> Cases	4,229,268		2,555,086	
	<u>TOTAL</u> Lbs.	159,054,152	8,296,652	94,197,421	5,028,735
Asparagus	Cases	37,301		34,731	
	Lbs.	981,884	231,490	927,000	217,319
Beans, green or wax	Cases	215,275		57,771	
	Lbs.	6,817,991	466,619	1,871,208	137,132
Beans, baked	Cases	861,148		431,286	
	Lbs.	37,634,673	1,855,775	16,620,591	947,827
Beets	Cases	21,706		19,440	
	Lbs.	698,445	53,450	617,673	45,861
Carrots	Cases	3,699		3,384	
	Lbs.	115,066	7,609	101,431	6,439
Corn	Cases	424,161		227,444	
	Lbs.	13,757,134	775,387	7,647,933	458,898
Peas	Cases	1,023,933		681,686	
	Lbs.	32,129,522	1,991,349	21,547,665	1,310,467
Pumpkin	Cases	51,438		46,701	
	Lbs.	2,261,094	90,114	2,077,031	81,666
Spinach	Cases	50,214		40,978	
	Lbs.	1,621,345	135,912	1,278,862	106,716
Tomatoes	Cases	1,483,266		975,345	
	Lbs.	61,922,239	2,588,695	40,754,522	1,654,672
All other vegetables	Cases	57,127		36,320	
	Lbs.	1,114,759	100,252	753,505	61,738
Meats, canned	<u>TOTAL</u> Cases	206,940		17,608	
	<u>TOTAL</u> Lbs.	3,108,220	685,765	262,076	53,607
Soups, all kinds	<u>TOTAL</u> Cases	1,094,570		893,906	
	<u>TOTAL</u> Lbs.	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> Lbs.	19,535,965	1,565,601	16,844,161	1,388,380
Chicken	Cases	(2)		(2)	
	Lbs.	(2)	(2)	(2)	(2)
Spaghetti	Cases	215,934		(2)	
	Lbs.	5,405,670	471,349	(2)	(2)
Tomato juice	Cases	348,472		336,337	
	Lbs.	10,362,411	674,115	9,808,557	647,784
Tomato paste and puree	Cases	64,653		62,223	
	Lbs.	2,896,133	132,728	2,793,339	128,510
Infants' foods	Cases	64,975		60,882	
	Lbs.	649,750	234,290	608,817	214,776
All other canned goods	Cases	11,338		125,615	
	Lbs.	222,001	53,119	3,633,448	397,310
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

(2) Included under "All other canned goods".
 (3) Included under "All other vegetables".
 (4) Included in "Total value of all canned goods."

IN CANADA, 1931 and 1932.

by Provinces, 1932. - (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
	\$		\$		\$		\$
1,091,302		546,140		36,740		-	
43,570,017	2,008,221	19,896,844	1,181,456	1,389,870	78,240	-	-
-	-	(8)		-	-	-	-
-	-	(3)	(3)	-	-	-	-
119,459		28,018		10,027		-	-
3,744,450	233,578	880,983	76,605	321,350	19,304	-	-
354,152		(3)		26,713		-	-
17,866,312	745,422	(3)	(3)	1,068,520	58,936	-	-
-	-	2,266		-	-	-	-
-	-	80,772	7,589	-	-	-	-
(3)		(3)		-	-	-	-
(3)	(3)	(3)	(3)	-	-	-	-
168,383		(3)		-	-	-	-
5,259,181	265,690	(3)	(3)	-	-	-	-
190,253		151,994		-	-	-	-
5,914,562	321,368	4,667,295	359,514	-	-	-	-
(3)		4,517		-	-	-	-
(3)	(3)	175,263	8,052	-	-	-	-
(3)		8,734		-	-	-	-
(3)	(3)	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		(4)		(4)		-	-
6,788,883	329,018	(4)	(4)	(4)	(4)	-	-
102,566		12,624		-		5,125	
1,988,147	132,672	549,893	27,870	-	-	153,764	16,679
(2)		-		-		-	-
(2)	(2)	-	-	-	-	-	-
(2)		-		-		-	-
(2)	(2)	-	-	-	-	-	-
(2)	(2)	10,194		-		-	-
-		447,099	23,652	-		-	-
-		2,430		-		-	-
-		102,794	4,218	-		-	-
4,093		-		-		-	-
40,933	19,514	-		-		-	-
98,473		-		-		5,125	
1,947,214	113,158	-		-		153,764	16,679
-		156,318	1,243,656	42,476	261,136	2,665	14,993
-		138,639	1,120,867	26,021	135,563	-	-
-		-		15,329	111,918	-	-
-		221	1,017	-		-	-
-		-		-		-	-
-		-		-		-	-
-		17,391	119,999	-		2,665	14,993
-		67	1,773	-		-	-
-		-		-		-	-
-		-		1,126	13,655	-	-
-		-		-		-	-
-	2,948,284	-	9,709,590	-	3,527,860	-	336,018

Table 4(b). - Production of

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Fish, canned	<u>TOTAL</u> Cases	1,094,532	9,021,461	-	-
Salmon	"	686,697	5,219,757	-	-
Lobster	"	146,338	2,673,412	-	-
Sardines	"	202,520	810,838	-	-
Pilchards	"	17,336	69,344	-	-
Clams and quahaugs	"	23,177	145,374	-	-
Haddock	"	13,612	75,094	-	-
Cod	"	555	3,585	-	-
All other	"	4,297	24,057	-	-
Fruits, canned	<u>TOTAL</u> Cases	784,833	2,444,818	655,598	2,001,808
Apples	"	60,895	119,437	50,325	97,712
Blueberries	"	9,718	19,402	6	18
Cherries	"	73,933	233,884	67,604	216,283
Peaches	"	205,148	638,123	195,077	605,229
Pears	"	161,052	434,395	151,813	406,105
Pineapples	"	(1)	(1)	(1)	(1)
Plums	"	64,099	140,700	60,900	136,146
Raspberries	"	65,463	341,157	48,638	241,380
Rhubarb	"	5,184	6,958	5,184	6,958
Strawberries	"	29,823	147,656	19,805	92,207
Other small fruits	"	49,389	173,401	20,587	81,354
All other fruits	"	60,129	189,705	35,659	118,416
Vegetables, canned	<u>TOTAL</u> Cases	5,991,949	10,943,131	4,024,555	7,266,390
Asparagus	"	21,548	124,688	17,195	100,048
Beans, green or wax	"	252,056	498,690	50,038	116,864
Beans, baked	"	874,305	2,359,545	364,568	1,116,802
Beets	"	24,158	63,055	22,060	56,121
Carrots	"	2,607	7,373	1,373	3,135
Corn	"	1,396,529	2,362,772	1,088,706	1,879,738
Peas	"	1,142,834	1,969,699	751,415	1,288,122
Pumpkin	"	47,449	81,614	45,826	79,330
Spinach	"	35,741	92,158	32,152	81,508
Tomatoes	"	2,193,297	3,380,083	1,650,167	2,541,860
All other vegetables	"	1,425	3,454	1,055	2,862
Meats, canned	<u>TOTAL</u> Lbs.	5,153,019	894,799	259,193	44,287
Soups, all kinds	<u>TOTAL</u> Cases	1,085,107	3,497,766	970,474	3,130,908
Other Canned Goods	<u>TOTAL</u> Cases	394,753	1,102,982	327,425	951,366
Chicken	"	(2)	(2)	(2)	(2)
Spaghetti	"	150,742	463,397	102,533	369,055
Tomato juice	"	177,656	438,549	161,408	394,380
Tomato paste and puree	"	55,632	133,753	53,194	128,438
All other canned goods	"	10,723	67,283	10,290	59,493
Concentrated milk products	<u>TOTAL</u> Cwt.	839,943	7,011,710	623,711	5,338,290
Evaporated milk	"	459,700	3,523,910	294,285	2,183,047
Condensed milk	"	154,856	1,562,710	136,564	1,411,444
Condensed buttermilk	"	14,943	26,875	13,412	19,681
Condensed skim milk	"	44,033	233,304	43,473	228,642
Whole milk powder	"	24,126	477,215	24,006	474,060
Buttermilk powder	"	10,435	56,707	10,435	56,707
Skim milk powder	"	129,784	1,089,141	111,167	943,067
Cream powder	"	369	18,648	369	18,648
Condensed coffee, etc.	"	1,697	23,200	-	-
TOTAL VALUE OF CANNED GOODS	\$	-	34,916,667	-	18,733,049

(1) Included in "All other fruits".
 (2) Included in "All other canned goods".
 (3) Included in "All other vegetables".

IN CANADA, 1931 and 1932.

Canned Foods, by Provinces, 1931.

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
	\$		\$		\$		\$
10,387	181,254	718,396	5,391,834	365,749	3,448,373	-	-
1,153	8,096	685,104	5,207,698	440	3,963	-	-
9,190	172,718	-	-	137,148	2,500,694	-	-
-	-	-	-	202,520	810,838	-	-
-	-	17,336	69,344	-	-	-	-
-	-	15,288	108,674	7,889	36,700	-	-
-	-	-	-	13,612	75,094	-	-
-	-	-	-	555	3,585	-	-
44	440	668	6,118	3,585	17,499	-	-
4,447	13,039	104,903	393,728	19,885	36,243	-	-
(1)	(1)	2,788	10,030	(1)	(1)	-	-
(1)	(1)	(1)	(1)	(1)	(1)	-	-
-	-	6,329	17,601	-	-	-	-
-	-	10,071	32,894	-	-	-	-
-	-	6,961	21,850	(1)	(1)	-	-
-	-	-	-	-	-	-	-
-	-	618	1,288	(1)	(1)	-	-
(1)	(1)	15,984	96,371	-	-	-	-
-	-	-	-	-	-	-	-
(1)	(1)	8,830	50,283	(1)	(1)	-	-
-	-	28,802	92,047	-	-	-	-
4,447	13,039	24,520	71,364	19,885	36,243	-	-
1,398,591	2,610,866	513,061	946,555	27,765	62,847	27,977	56,473
(3)	(3)	(3)	(3)	-	-	-	-
160,287	289,778	35,157	81,312	6,574	10,736	-	-
409,774	1,085,261	76,759	100,859	28,129	51,954	(3)	(3)
-	-	(3)	(3)	(3)	(3)	-	-
(3)	(3)	1,230	4,228	-	-	-	-
285,243	426,630	22,580	56,404	-	-	-	-
259,001	387,406	132,418	294,171	-	-	-	-
-	-	1,623	2,284	-	-	-	-
-	-	3,589	10,650	-	-	-	-
283,882	420,979	233,346	365,440	-	-	(3)	(3)
404	812	6,359	31,207	62	157	27,977	56,473
3,297,704	387,488	362,156	91,303	92,084	18,400	1,141,882	353,321
66,187	190,328	(2)	(2)	808	1,817	-	-
47,129	92,290	19,766	51,536	433	7,790	-	-
-	-	(2)	(2)	(2)	(2)	-	-
-	-	(2)	(2)	-	-	-	-
-	-	2,438	5,315	-	-	-	-
47,129	92,290	17,328	46,221	433	7,790	-	-
-	-	171,169	1,353,682	43,319	308,466	1,744	11,272
-	-	152,085	1,203,869	23,330	137,000	-	-
-	-	-	-	18,292	148,266	-	-
-	-	1,531	7,194	-	-	-	-
-	-	120	3,155	-	-	560	4,662
-	-	-	-	-	-	-	-
-	-	17,433	139,464	-	-	1,184	6,610
-	-	-	-	-	-	-	-
-	-	-	-	1,697	23,200	-	-
-	3,475,265	-	8,403,351	-	3,883,936	-	421,066

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

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 with a value of \$16,354,784 constituting the second highest record pack for the industry, whilst in 1930 the pack had increased to 2,223,469 cases valued at \$13,924,037, a high record of all time. In 1932 the pack amounted to only 1,082,325 cases valued at \$6,366,096.

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 a favourable 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.

Annual Pack of Salmon, 1876 to 1932.

Year	Cases No.	Year	Cases No.
1876	9,847	1899	765,517
1877	67,387	1900	606,530
1878	113,601	1901	1,236,156
1879	61,093	1902	625,982
1880	61,849	1903	473,674
1881	117,276	1904	465,894
1882	225,061	1905	1,167,822
1883	196,292	1906	629,460
1884	141,242	1907	542,266
1885	108,517	1908	542,689
1886	161,264	1909	967,920
1887	204,083	1910	762,201
1888	181,040	1911	948,965
1889	414,294	1912	996,626
1890	409,464	1913	1,353,901
1891	314,893	1914	1,111,039
1892	228,470	1915	1,133,381
1893	590,229	1916	995,065
1894	494,371	1917	1,557,485
1895	566,395	1918	1,616,157
1896	601,570	1919	1,393,156
1897	1,027,204	1920	1,187,616
1898	492,657	1921	603,548

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

FISH CANNING (Cont'd.)

Annual Pack of Salmon, 1876 to 1932. - (Concl'd.)

Year	Cases No.	Year	Cases No.
1922	1,290,326	1927	1,360,634
1923	1,341,677	1928	2,035,629
1924	1,745,313	1929	1,399,541
1925	1,719,282	1930	2,223,469
1926	2,063,190	1931	686,697
		1932	1,082,325

Lobster Canning: Next to the 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 357 factories operating in Canada in 1932. Prince Edward Island with 91 factories produced 44,490 cases valued at \$711,119. Nova Scotia with 107 factories produced 74,060 cases valued at \$1,245,654. New Brunswick with 108 factories produced 35,490 cases valued at \$537,991 and Quebec with 51 factories produced 12,759 cases valued at \$212,656, or a total pack in 1932 of 186,799 cases worth \$2,707,420. In 1932 the value of lobsters imported was \$40,705, whilst exports totalled \$2,469,550 in value.

A table showing the annual pack of lobsters from 1897 to date follows: -

Annual Pack of Lobsters, 1897 to 1932.

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

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

FISH CANNING - (Cont'd.)

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 but three canneries were reported in 1932 with a total pack of 113,197 cases and a value of \$395,531, the true significance of its importance to New Brunswick is explained when account is taken of the fact that the Maine, U. S. A., factories, about fifty in number, depend almost wholly on the supplies of fish obtained from Canadian waters. The imports of canned sardines in 1932 amounted to \$294,435 and came principally from Norway. Exports to the value of \$182,859 were reported in 1932 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 1932.

Year	Cases Canned No.	Year	Cases Canned No.
1917	168,365	1925	209,649
1918	177,193	1926	217,592
1919	119,225	1927	240,091
1920	129,925	1928	257,881
1921	111,835	1929	329,204
1922	121,800	1930	244,238
1923	140,000	1931	202,520
1924	282,306	1932	113,197

Clam and Other Canneries: There is a considerable pack of fish of other varieties, the principal in 1932 being clams and quahaugs with 21,935 cases valued at \$125,382, herring 25,231 cases worth \$79,648, haddock 13,637 cases valued at \$61,145, pilchards 4,622 cases worth \$11,093 and all other canned fish 5,275 cases valued at \$42,939. There is also a large export of some of the above-named varieties, the principal in 1932 with their value being, codfish (\$155,262), pilchards (\$51,469) and clams (\$26,969).

A statement showing the quantity of clams, etc., packed annually since 1917 is herewith presented.

Annual Pack of Clams, Etc., 1917 to 1932.

Year	Cases Canned No.	Year	Cases Canned No.
1917	19,445	1921	22,384
1918	16,592	1922	23,085
1919	14,599	1923	18,329
1920	17,195	1924	32,447

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

FISH CANNING - (Concl'd.)

Annual Pack of Clams, Etc., 1917 to 1932. -- (Concl'd.)

Year	Cases Canned No.	Year	Cases Canned No.
1925	37,622	1929	54,289
1926	30,370	1930	44,708
1927	38,826	1931	23,177
1928	43,090	1932	21,935

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 1932 consisted of 1,336,153 cases of fruits and 4,229,268 cases of vegetables valued at \$3,444,697 and \$8,296,652 respectively. Of the canned vegetables packed, tomatoes rank first in the number of cases with 1,483,266, peas with 1,023,933 cases come next, followed in order by baked beans with 861,148 cases and corn 424,161 cases. Of the fruits canned, pears came first with 378,341 cases, followed by apples with 257,576 cases, peaches 248,901 cases and cherries 112,106 cases. Other important canned goods were: soups of all kinds 1,094,570 cases and tomato juice 348,472 cases.

Imports and exports of canned fruits and vegetables during the calendar years 1931 and 1932 are summarized in the following table as far as the classification of these commodities permit.

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

FRUIT AND VEGETABLE CANNING. - (Concl'd.)

Table showing Imports of Canned Fruits and Vegetables, 1931 and 1932. - (Calendar Year)

	1931		1932	
	Quantity	Value	Quantity	Value
	Lbs.	\$	Lbs.	\$
Canned Vegetables -				
Asparagus	1,038,742	157,421	796,001	112,297
Beans, baked	679,463	54,180	133,489	10,330
Corn	1,072,449	83,283	40,059	2,238
Peas	2,029,334	166,225	404,364	33,203
Tomatoes	831,780	31,445	210,757	8,743
Mushrooms	675,146	113,094	433,559	58,775
All other vegetables	2,097,689	159,933	1,063,395	72,455
TOTAL CANNED VEGETABLES	8,424,603	765,581	3,081,624	298,041
Canned Fruits -				
Peaches and apricots	6,482,103	423,624	3,195,156	184,676
Pears	771,875	58,546	288,615	19,036
Pineapples	21,477,939	930,435	7,543,940	338,788
All other fruits	2,794,307	265,736	496,134	45,403
TOTAL CANNED FRUITS	31,526,224	1,678,341	11,523,845	587,903

Table showing Exports of Canned Fruits and Vegetables, 1931 and 1932. (Calendar Year).

	1931		1932	
	Quantity	Value	Quantity	Value
	Lbs.	\$	Lbs.	\$
Canned Vegetables -				
Beans	4,034,021	200,522	2,073,194	85,037
Tomatoes	6,414,390	353,589	13,238,203	369,267
All other vegetables	1,810,930	100,221	2,725,662	126,369
TOTAL CANNED VEGETABLES	12,259,341	654,332	18,037,059	580,673
Canned Fruits -				
Pears	2,054,462	139,874	4,529,317	263,890
All other fruits	3,274,840	191,217	5,759,978	317,548
TOTAL CANNED FRUITS	5,329,302	331,091	10,289,295	581,438

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

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 1932 was \$685,765. Imports of canned meats, poultry and game during the same period amounted to \$362,884, whilst exports of Canadian products totalled \$87,900. Closely allied to the canned meat industry is that of canned soups, the manufacture of which in the year mentioned totalled \$3,408,050, whilst imports were valued at \$9,729 and exports at \$633,732. It is interesting to note that imports of canned soups dropped from \$1,554,100 in 1930 to only \$9,729 in 1932.

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. Later in the eighties and again in the nineties, several new plants were created by this company and the St. Charles Company at Ingersoll, Ontario, many of them being absorbed at a later date by the Borden Condensed Milk Company which now operates plants at Ingersoll and Norwich, Ontario, Truro, Nova Scotia, and Sardis, British Columbia. Other companies operating a number of plants in 1932 were as follows: -

The Borden Company Limited,	Plants at Belmont and Tillsonburg, all in Ontario.
Carnation Milk Products Company Ltd.,	Plant at Aylmer, Ontario.
City Dairy Company Limited, Toronto,	Plants at Courtland, Listowel, Princeton, Simcoe, Straffordville and Woodstock, all in Ontario.
Acme Farmers Dairy Limited, Toronto,	Plants at Napanee and Sydenham in Ontario.
Silverwood's Limited, London,	Plants at Peterborough and Woodstock, Ontario.
Individual Companies,	Plants at Beachville, Brockville, Chesterville, Wellington, Windsor, Lindsay, St. George and Toronto in Ontario and Abbotsford, British Columbia.

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, 1931 and 1932.

CONCENTRATED MILK PRODUCTS - (Concl'd.)

<u>Year</u>	<u>Number of Factories</u>	<u>Value of Products</u>
1917	20	8,097,217
1918	22	12,413,818
1919	24	15,880,033
1920	28	20,519,835
1921	27	14,270,591
1922	23	9,501,345
1923	25	13,714,978
1924	24	13,215,173
1925	24	13,453,472
1926	26	13,159,659
1927	27	13,387,048
1928	29	14,161,306
1929	30	14,686,802
1930	26	13,604,743
1931	26	8,754,002
1932	26	7,392,897

The value of imports and exports of concentrated milk products is shown for the years 1903 to 1932.

		<u>Imports</u>	<u>Exports</u>
		\$	\$
<u>Fiscal</u>			
<u>Year</u>	1903	27,943	241,859
	1908	87,998	42,757
	1912	9,981	305,678
	1915	9,485	1,181,300
	1917	10,268	1,371,610
	1918	11,951	4,955,048
<u>Calendar</u>			
<u>Year</u>	1924	33,141	5,319,364
	1925	27,076	5,088,441
	1926	33,335	4,522,673
	1927	31,692	4,208,975
	1928	28,870	3,463,709
	1929	40,022	3,625,361
	1930	42,985	2,948,246
	1931	69,049	2,098,025
	1932	27,207	2,097,899

CANNED FOOD PRODUCTION IN CANADA, 1931 and 1932.

CONSUMPTION OF CANNED FOODS IN CANADA, 1932.

The value of canned foods available for consumption in Canada for the calendar year 1932 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.

Classes of Canned Foods	Value of Manufactures	Value of Imports	Value of Exports	Value Available for Consumption	
				Total	Per Capita
	\$	\$	\$	\$	\$
Fish, canned	9,789,254	671,386	7,361,077	3,099,563	.30
Fruits, canned	3,444,647	587,903	581,438	3,451,112	.33
Vegetables, canned .	8,296,652	298,041	580,673	8,014,020	.76
Soups, canned	3,408,050	9,729	633,732	2,784,047	.26
Miscellaneous products, canned	1,799,891	-	-	1,799,891	.17
Concentrated milk products	5,922,993	27,207	2,097,899	3,852,301	.37
Meats, canned	685,765	362,884	87,900	960,749	.09
TOTAL	33,347,252	1,957,150	11,342,719	23,961,683	2.28

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