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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

CANNED FOOD PRODUCTION
IN
CANADA
1938



OTTAWA
1940

Price 15 cents

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

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CANNED FOOD PRODUCTION IN CANADA, 1938.

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 1933 the value of production dropped to \$33,000,000, and rose again to \$63,445,467 in 1938. 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 is also protected by the inspection services of the Department of Agriculture and the Department of Fisheries, Ottawa.

The principal statistics of establishments primarily employed in the production of canned foods for the calendar year 1938 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, 1938.

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1937 and 1938.

	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Gross Value of Production
	No.	\$	No.	\$	\$
<u>1937</u>					
Fish, canned	382	12,104,103	10,801	2,472,457	13,619,606
Fruit and vegetable preparations	348	47,488,051	10,630	7,194,477	50,289,711
Condensed and evaporated milk	24	5,477,783	802	893,826	11,247,823
Meats, canned	19	570,700 ^{1/}	101 ^{1/}	139,000 ^{1/}	1,318,900
TOTAL, 1937	773	65,640,637	22,334	10,699,760	76,476,040
<u>1938</u>					
Fish, canned	353	15,301,502	11,218	2,539,455	16,297,611
Fruit and vegetable preparations ...	341	48,862,472	9,491	6,853,116	47,821,350
Condensed and evaporated milk	24	5,928,977	835	912,610	13,190,013
Meats, canned	21	395,000 ^{1/}	86 ^{1/}	120,000 ^{1/}	1,168,206
TOTAL, 1938	739	70,487,951	21,630	10,425,181	78,477,180

^{1/} Estimated.

CANNED FOOD PRODUCTION IN CANADA, 1938.

Imports and Exports

Imports of canned foods in the calendar year 1938 amounted to \$2,932,969, mostly of fruit and vegetables not grown in Canada by reason of climatic conditions.

Exports of canned foods, the produce of Canada during 1938 amounted in value to \$20,081,913, of which canned fish totalled \$10,021,065 and concentrated milk products \$3,456,398.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1931 to 1938.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1931 to 1938.

	1931	1932	1933	1934	1935	1936	1937	1938
	\$	\$	\$	\$	\$	\$	\$	\$
<u>IMPORTS -</u>								
Canned fish	928,079	671,386	659,554	713,018	891,702	1,202,253	1,002,585	1,059,856
Canned fruits	1,678,341	587,903	764,380	753,052	1,011,578	1,337,577	1,114,159	879,153
Canned vegetables	765,581	298,041	194,596	223,507	218,615	308,403	259,707	269,496
Canned meats and soups	1,053,685	372,613	411,990	489,943	539,936	625,240	660,539	663,276
Concentrated milk products	69,049	27,207	22,994	25,123	22,318	35,876	115,633	61,188
TOTAL IMPORTS	4,494,735	1,957,150	2,053,514	2,204,643	2,684,149	3,509,349	3,152,673	2,932,969
<u>EXPORTS -</u>								
Canned fish	9,591,171	7,361,077	8,141,552	9,129,954	10,475,278	9,275,385	10,608,818	10,021,065
Canned fruits	331,091	581,438	897,208	1,422,413	1,414,234	1,145,856	1,809,501	2,000,446
Canned vegetables	654,332	580,673	806,895	608,078	1,224,425	1,292,072	2,330,533	2,221,956
Canned meats and soups	544,725	721,632	937,580	1,432,027	1,184,570	1,794,771	1,994,905	2,382,148
Concentrated milk products	2,098,025	2,097,899	2,097,153	2,209,750	2,247,075	1,886,468	3,174,594	3,456,398
TOTAL EXPORTS	13,219,344	11,342,719	12,880,388	15,181,635	16,975,636	15,973,108	19,918,349	20,081,913

CANNED FOOD PRODUCTION IN CANADA, 1938.

Table 3. - Production of Canned Foods in Canada, 1929 to 1938.

	Unit of Measure	1929		1930	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	39,340,228	16,996,478	125,565,710	18,413,477
Canned fruits	Case	1,101,188	3,827,027	927,838	3,520,213
Canned vegetables	"	5,626,098	15,223,673	3,750,035	19,459,911
Canned meats	Pound	10,197,431	1,432,524	6,443,349	914,379
Canned soups	Case	556,739	1,895,266	777,269	2,517,813
Other canned foods	"	108,874	471,956	95,486	506,067
Concentrated milk products	Cwt.	1,060,574	10,288,131	1,077,723	9,793,521
TOTAL	-	-	50,133,055	-	55,125,381
	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	47,879,376	9,021,461	66,181,477	9,789,254
Canned fruits	Case	724,935	2,444,818	1,336,153	3,444,647
Canned vegetables	"	5,991,949	10,943,131	4,229,268	3,296,652
Canned meats	Pound	5,153,019	894,799	3,108,220	685,765
Canned soups	Case	1,085,107	3,497,766	1,094,570	3,408,050
Other canned foods	"	394,753	1,102,982	705,372	1,565,601
Concentrated milk products	Cwt.	839,943	7,011,710	815,491	5,922,993
TOTAL	-	-	34,916,667	-	33,112,962
	Unit of Measure	1933		1934	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	74,469,837	10,147,138	95,832,259	14,205,665
Canned fruits	Case	1,201,275	2,394,951	1,270,628	3,509,156
Canned vegetables	"	4,531,542	8,257,296	6,062,374	10,376,830
Canned meats	Pound	3,142,249	661,248	3,660,878	791,426
Canned soups	Case	1,438,523	4,077,071	2,022,300	4,947,774
Other canned foods	"	-	1,358,605	-	2,445,852
Concentrated milk products	Cwt.	843,994	5,451,656	908,430	5,991,759
TOTAL	-	-	32,847,965	-	42,768,462

CANNED FOOD PRODUCTION IN CANADA, 1938.

Table 3 - Production of Canned Foods in Canada, 1928 to 1938 - (Concluded)

	Unit of Measure	1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	93,342,708	13,658,127	114,117,086	15,564,501
Canned fruits	Case	1,825,613	4,757,301	2,052,077	5,318,731
Canned vegetables	"	6,602,822	12,101,138	7,410,145	13,963,401
Canned meats	Pound	4,007,740	862,572	5,036,186	1,101,014
Canned soups	Case	1,603,685	3,273,806	2,583,324	6,256,444
Other canned foods	-	-	3,112,009	-	5,064,541
Concentrated milk products	Cwt.	1,036,030	6,849,989	1,098,143	7,434,896
TOTAL	-	-	45,299,142	-	54,703,528
	Unit of Measure	1937		1938	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	96,719,995	13,619,606	107,594,455	16,297,611
Canned fruits	Case	2,120,413	5,251,981	2,018,554	3,132,644
Canned vegetables	"	3,611,050	17,117,530	3,710,103	14,519,963
Canned meats	Pound	6,093,546	1,313,900	5,095,900	1,168,206
Canned soups	Case	2,423,739	6,021,837	3,125,432	7,742,625
Other canned foods	-	-	3,736,959	-	8,737,601
Concentrated milk products	Cwt.	1,373,999	10,078,192	1,579,239	11,344,817
TOTAL	-	-	62,194,505	-	63,443,467

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Fish, canned ^{1/}	Cases	2,403,997	16,297,611	-	-
Salmon	"	1,708,855	12,274,863	-	-
Lobster	"	92,004	1,733,797	-	-
Lobster tomalley ..	"	6,043	54,293	-	-
Sardines	"	349,387	1,197,689	-	-
Clams	"	43,292	203,591	-	-
Clam chowder	"	5,102	18,932	-	-
Quahaugs	"	1,485	8,984	-	-
Herring	"	95,697	387,332	-	-
Halibut	"	128	822	-	-
Haddock	"	22,096	88,824	-	-
Hake and Cusk	"	9,119	37,492	-	-
Pilchards	"	69,473	232,311	-	-
Tuna	"	-	-	-	-
Shrimps	"	460	6,554	-	-
Oysters	"	1,426	9,296	-	-
Mackerel	"	634	2,598	-	-
Scallops	"	115	1,150	-	-
Cods	"	563	2,477	-	-
Crabs	"	2,173	33,704	-	-
Abalone	"	-	-	-	-
Trout	"	460	2,902	-	-
Fruits, canned ^{7/}	Cases	2,018,554	-	1,366,207	-
	Pounds	64,373,298	4,556,282	41,714,554	3,132,644
Apples, including crabapples	Cases	408,461	-	94,254	-
	Pounds	15,612,305	734,055	3,593,529	181,919
Apple sauce	Cases	11,377	-	8,711	-
	Pounds	382,632	20,581	279,725	16,582
Apricots	Cases	34,502	-	(2)	-
	Pounds	1,072,562	107,094	(2)	(2)
Blueberries	Cases	52,837	-	1,381	-
	Pounds	1,571,826	76,908	39,260	2,757
Cherries	Cases	166,646	-	149,396	-
	Pounds	5,136,944	434,986	4,610,136	376,858
Loganberries	Cases	61,030	-	-	-
	Pounds	1,909,443	189,395	-	-
Peaches	Cases	473,380	-	438,980	-
	Pounds	13,749,503	1,097,559	12,719,910	1,018,627
Pears, Bartlett ...	Cases	152,210	-	81,188	-
	Pounds	4,976,211	414,554	2,411,478	201,819
Pears, Keifer ...	Cases	391,904	-	378,433	-
	Pounds	12,230,621	759,833	11,847,412	757,244

IN CANADA, 1938.

Foods, by Provinces, 1938.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
7,969	131,928	1,826,877	12,777,172	574,151	3,418,511
734	4,588	1,707,830	12,267,465	271	2,810
6,481	121,841	-	-	85,523	1,611,956
119	1,094	-	-	5,929	53,199
-	-	-	-	349,837	1,197,689
20	150	22,155	122,082	21,117	81,359
-	-	-	-	5,102	18,932
-	-	-	-	1,485	8,984
-	-	23,376	76,048	72,321	311,284
37	185	-	-	91	637
-	-	-	-	22,096	88,824
-	-	-	-	9,119	37,492
-	-	69,473	232,311	-	-
-	-	-	-	-	-
-	-	460	6,554	-	-
-	-	1,426	9,296	-	-
3	18	-	-	631	2,580
115	1,150	-	-	-	-
-	-	-	-	563	2,477
-	-	2,157	33,416	16	288
-	-	-	-	-	-
460	2,902	-	-	-	-
29,039	-	336,606	-	286,702	-
749,373	56,376	11,319,715	856,451	10,589,656	510,811
-	-	86,558	-	227,649	-
-	-	3,328,116	151,501	8,690,660	400,635
-	-	(2)	-	-	-
-	-	(2)	(2)	-	-
-	-	23,793	-	-	-
-	-	752,771	72,792	-	-
12,077	-	(3)	-	39,358	-
305,676	15,450	(3)	(3)	1,226,145	58,654
(3)	-	16,249	-	(3)	-
(3)	(3)	499,028	55,425	(3)	(3)
-	-	61,030	-	-	-
-	-	1,909,448	189,395	-	-
(2)	-	28,191	-	(2)	-
(2)	(2)	870,791	62,105	(2)	(2)
(2)	-	64,287	-	(2)	-
(2)	(2)	2,274,333	186,559	(2)	(2)
(2)	-	(2)	-	(2)	-
(2)	(2)	(2)	(2)	(2)	(2)

CANNED FOOD PRODUCTION

Table 4. - Production of Canned Foods.

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Fruits, canned ^{7/} -(Concl'd.)					
Plums, gages, etc.	Cases	75,802	-	44,048	-
	Pounds	2,193,159	127,771	1,278,226	69,512
Raspberries	Cases	70,831	-	57,804	-
	Pounds	1,983,642	195,237	1,628,446	152,649
Rhubarb	Cases	6,386	-	5,181	-
	Pounds	268,805	10,941	201,613	7,993
Strawberries	Cases	34,401	-	19,992	-
	Pounds	1,033,819	106,773	609,464	58,514
Other small fruits	Cases	1,275	-	-	-
	Pounds	45,620	3,502	-	-
All other fruits ^{3/}	Cases	77,012	-	86,839	-
	Pounds	2,206,201	277,043	2,495,355	308,170
Vegetables, canned	Cases	8,710,103	-	5,196,129	-
	Pounds	287,765,817	14,519,963	170,755,126	8,658,551
Asparagus	Cases	93,599	-	74,960	-
	Pounds	2,117,908	332,687	1,663,226	264,901
Beans, green or wax	Cases	596,404	-	49,682	-
	Pounds	16,924,006	953,423	1,412,991	86,309
Beans, baked, etc.	Cases	1,449,544	-	781,037	-
	Pounds	53,267,116	2,910,264	28,750,534	1,645,230
Beets	Cases	53,164	-	45,947	-
	Pounds	1,468,743	90,352	1,270,985	74,989
Carrots	Cases	14,489	-	11,371	-
	Pounds	411,135	23,474	304,518	16,361
Carrots and peas combined	Cases	38,115	-	(4)	-
	Pounds	889,349	80,762	(4)	(4)
Carrots, peas and beans combined	Cases	36,377	-	-	-
	Pounds	1,073,650	61,305	-	-
Corn on the cob	Cases	84,466	-	(4)	-
	Pounds	2,960,025	132,990	(4)	(4)
Corn, cream, whole grain, etc.	Cases	1,400,577	-	947,992	-
	Pounds	39,013,518	2,191,290	26,595,995	1,495,392
Peas	Cases	2,380,170	-	1,528,314	-
	Pounds	68,898,219	3,771,617	44,056,065	2,384,636
Pumpkin	Cases	63,517	-	43,571	-
	Pounds	2,668,002	94,106	1,920,013	62,415
Spinach	Cases	74,439	-	57,775	-
	Pounds	2,074,592	156,083	1,570,581	115,865
Tomatoes	Cases	2,399,350	-	1,631,317	-
	Pounds	95,465,702	3,609,753	32,356,981	2,446,660
Mushrooms	Cases	20,293	-	(4)	-
	Pounds	381,359	96,530	(4)	(4)
All other vegetables	Cases	5,599	-	24,163	-
	Pounds	152,493	10,327	868,232	65,293

IN CANADA, 1938.

by Provinces, 1938 - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
-	-	28,135	-	3,569	-
-	-	324,062	52,168	90,871	6,091
(3)	-	10,577	-	(3)	-
(3)	(3)	287,071	35,888	(3)	(3)
-	-	1,705	-	-	-
-	-	67,192	2,948	-	-
(3)	-	11,004	-	2,040	-
(3)	(3)	321,504	36,595	64,971	7,569
4,754	-	1,296	-	62	-
131,925	13,302	46,365	3,549	1,860	196
12,208	-	3,731	-	14,024	-
311,772	27,624	139,034	7,526	515,149	37,666
2,375,797	-	874,440	-	263,737	-
78,575,111	3,659,525	30,834,002	1,735,283	7,551,578	466,604
-	-	18,386	-	(4)	-
-	-	443,357	66,664	(4)	(4)
381,004	-	121,552	-	44,166	-
11,058,974	544,806	3,217,808	255,890	1,234,233	71,418
520,661	-	103,864	-	43,982	-
18,466,542	909,648	4,419,130	244,636	1,650,860	110,750
-	-	4,270	-	2,947	-
-	-	115,493	9,644	82,265	5,719
(4)	-	581	-	2,237	-
(4)	(4)	23,439	2,222	74,173	3,851
-	-	(4)	-	(4)	-
-	-	(4)	(4)	(4)	(4)
(4)	-	(4)	-	-	-
(4)	(4)	(4)	(4)	-	-
73,111	-	-	-	(4)	-
2,375,060	98,520	-	-	(4)	(4)
361,939	-	(4)	-	34,516	-
10,112,211	555,231	(4)	(4)	881,260	55,239
568,163	-	152,263	-	131,430	-
16,968,983	871,838	4,363,221	303,871	3,509,950	211,272
(4)	-	18,361	-	(4)	-
(4)	(4)	684,359	29,176	(4)	(4)
(4)	-	15,215	-	(4)	-
(4)	(4)	463,191	37,301	(4)	(4)
425,304	-	340,981	-	1,748	-
18,353,563	589,132	14,708,876	571,452	46,282	2,509
(4)	-	(4)	-	-	-
(4)	(4)	(4)	(4)	-	-
45,615	-	98,967	-	2,711	-
1,239,778	90,350	2,445,078	214,427	72,550	5,846

CANNED FOOD PRODUCTION

Table 4 - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Other Canned Foods -					
Meats	Pounds	5,095,900	1,168,206	583,438	104,456
Soups, all kinds	Cases	3,125,432	-	2,809,870	-
	Pounds	79,751,194	7,742,625	68,692,346	7,036,559
Poultry	Pounds	702,144	265,873	260,655	116,027
Spaghetti and macaroni	Cases	282,089	-	194,321	-
	Pounds	9,613,901	738,749	7,005,170	583,492
Tomato juice	Cases	1,325,574	-	1,236,467	-
	Pounds	41,764,748	2,067,620	38,615,810	1,914,437
Tomato paste and puree, canned	Cases	225,969	-	221,305	-
	Pounds	9,056,147	363,588	8,872,582	356,306
Tomato paste and puree, other	Pounds	104,918	2,458	(5)	(5)
Tomato pulp, canned ..	Cases	104,171	-	99,911	-
	Pounds	4,546,318	227,276	4,373,474	219,899
Tomato pulp, other ..	Pounds	2,429,532	23,773	924,482	8,924
Tomato catsup, canned ..	Cases	151,036	-	94,864	-
	Pounds	5,295,354	317,391	3,701,002	239,442
Tomato catsup, other ..	Pounds	22,599,939	3,331,286	20,450,488	3,196,197
	Cases	65,338	-	5,439	-
Paste, meat, chicken and fish	Pounds	717,081	175,422	28,052	8,557
	Cases	85,854	-	-	-
Vegetable dinners	Pounds	2,218,183	224,425	(5)	(5)
	Cases	350,944	-	350,944	-
Foods, prepared for infants	Pounds	3,058,990	602,766	3,058,990	602,766
	Cases	61,202	-	61,192	-
Sauerkraut, canned	Pounds	2,561,827	111,453	2,561,427	111,433
	Pounds	392,800	8,707	372,800	7,707
Apple pie filling	Pounds	1,466,362	105,629	1,443,942	103,705
Pie filling, other	Pounds	422,036	49,619	393,830	46,383
Fruit juices, apple ..	Pounds	587,053	30,382	(5)	(5)
Fruit juices, other ..	Pounds	507,256	55,406	501,046	54,803
All other canned goods	Pounds	451,701	35,778	1,147,541	92,586

IN CANADA, 1938.

by Provinces, 1938 - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
1,246,476	357,603	77,366	18,296	3,188,620	687,851
250,352	-	63,264	-	1,946	-
9,010,063	502,009	1,984,618	197,422	64,167	6,635
(5)	(5)	-	-	432,866	142,848
(5)	-	(5)	-	-	-
(5)	(5)	(5)	(5)	-	-
37,137	-	51,960	-	(5)	-
1,355,045	54,053	1,793,593	99,113	(5)	(5)
-	-	4,664	-	-	-
-	-	183,565	7,282	-	-
-	-	(5)	(5)	-	-
(5)	-	(5)	-	-	-
(5)	(5)	(5)	(5)	-	-
1,035,344	11,326	(5)	(5)	-	-
(5)	-	50,867	-	(5)	-
(5)	(5)	1,522,290	73,258	(5)	(5)
2,097,130	129,341	(5)	(5)	(5)	(5)
(5)	-	(5)	-	2,406	-
(5)	(5)	(5)	(5)	30,249	8,707
-	-	-	-	-	-
(5)	(5)	(5)	(5)	(5)	(5)
-	-	-	-	-	-
-	-	(5)	-	-	-
-	-	(5)	(5)	-	-
-	-	(5)	(5)	-	-
-	-	(5)	(5)	-	-
-	-	(5)	(5)	(5)	(5)
-	-	-	-	(5)	(5)
-	-	(5)	(5)	-	-
4,069,269	341,285	2,077,454	196,540	188,194	11,184

CANNED FOOD PRODUCTION

Table 4. - Production of Canned Foods,

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value Factory	Quantity	Selling Value at Factory
			\$		\$
Concentrated Milk Products					
Condensed milk -					
Case goods	Pounds	5,549,081	504,256	(6)	(6)
Bulk goods	"	3,682,431	335,920	3,682,431	335,920
Evaporated milk -					
Case goods	"	105,373,408	7,518,001	80,363,708	5,932,692
Bulk goods	"	346,200	14,178	346,200	14,178
Whole milk powder	"	6,587,432	992,129	6,574,717	990,077
Cream powder	"	28,613	8,518	28,613	8,518
Condensed skim milk ...	"	4,540,922	234,421	4,364,842	229,711
Evaporated skim milk ..	"	850,313	20,557	847,959	20,462
Skim milk powder	"	25,545,231	1,882,353	20,227,299	1,478,988
Condensed buttermilk ..	"	595,757	17,395	249,855	5,996
Buttermilk powder	"	3,051,303	155,523	2,364,307	119,515
Sugar of milk	"	304,516	15,226	304,516	15,226
Casein	"	1,468,686	146,340	861,075	86,142

- (1) Canned fish are packed in cases of 48 pounds with the exception of sardines which come in cases of 25 pounds.
- (2) Included under "All other fruits".
- (3) Includes: pineapple, grapefruit and fruits for salad.

IN CANADA, 1938.

by Provinces, 1938 - (Concluded)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
-	-	-	-	(6)	(6)
-	-	-	-	-	-
-	-	(6)	(6)	(6)	(6)
-	-	-	-	-	-
10,595	1,471	2,120	581	-	-
-	-	-	-	-	-
176,080	4,710	-	-	-	-
2,354	95	-	-	-	-
1,802,982	93,255	2,664,410	250,455	850,540	59,655
289,820	9,380	56,082	2,019	-	-
321,968	14,106	-	-	365,028	21,902
-	-	-	-	-	-
296,590	25,364	311,021	34,834	-	-

(4) Included under "All other vegetables".

(5) Included under "All other canned goods".

(6) Information cannot be published.

(7) Fruits and vegetables canned by domestic or home canners are not included.

CANNED FOOD PRODUCTION IN CANADA, 1938.

FISH CANNING

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

Salmon Canning. - The canning of salmon in Canada is an industry confined almost wholly to the province of British Columbia (a), 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 three years (1926, 1928 and 1930) was more than two million cases. The pack of 1938 totalled 1,708,835 cases, valued at \$12,274,863. The salmon canneries of British Columbia are of large capacity, with an average capital investment in 1938 of \$329,585. The average value of production of the plants in the same year was \$388,774, and the average number of employees, 152. 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 (which, however, is not the salmo salar or 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, though not taken in such great numbers as the pinks and chums, is by far the most important, owing to its abundance, its deep red colour and its excellent texture which have created so keen a demand in British and foreign markets. The chief sources of supply are the Skeena River and other northern waters, and the Fraser River. The remaining species are all marketable in quality though not commanding the high prices reached by the sockeye.

Annual Pack of Salmon in Canada, 1876 - 1938

Year	Cases No.	Year	Cases No.	Year	Cases No.
1876	9,847	1905	1,167,822	1930	2,223,469
1885	108,517	1910	762,201	1931	686,697
1890	409,464	1915	1,133,381	1934	1,584,593
1895	566,395	1920	1,187,616	1937	1,509,520
1900	606,530	1925	1,719,282	1938	1,708,835

(a) There are a number of small salmon canneries on the Atlantic Coast of Canada, but their combined production of canned salmon in 1938 amounted to only 1,005 cases.

CANNED FOOD PRODUCTION IN CANADA, 1938.

Pack of Salmon in the Province of British Columbia, by Species, 1930 - 1938.

Species	1930	1931	1933	1936	1938
	cases	cases	cases	cases	cases
Sockeye	477,678	291,297	258,107	415,024	447,453
Springs, red	16,059	6,270	5,983	16,493	10,276
Springs, pink ...	9,398	15,597	8,429	2,527	2,322
Springs, white ..	11,069	5,387	5,854	10,834	2,933
Blueback	-	-	-	33,718	27,417
Steelhead	43,610	26,629	23,222	1,068	1,035
Cohoe	150,168	76,746	137,239	212,343	273,706
Pink	1,111,937	207,828	532,558	591,532	400,876
Chum	401,900	56,155	293,630	597,487	541,812
TOTAL	2,221,819	685,909	1,265,072	1,881,026	1,707,830

Lobster Canning. - The lobster is found in Canada in Atlantic Coast waters only, and the lobster canning industry is confined to the eastern Maritime Provinces, with Nova Scotia as the chief producer. The annual pack of lobster in the early years of the present century frequently exceeded two hundred thousand cases, but since 1911, the output has been below that figure, and in each of the past three years the pack has been less than one hundred thousand cases. In 1938 the pack of lobster amounted to 92,004 cases, valued at \$1,733,797. Large quantities of canned lobster are exported annually, the principal countries of destination being the United Kingdom, the United States, France and Sweden.

In order to conserve the fishery 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.

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

Annual Pack of Lobsters, 1897 to 1938.

Year	Cases of 48 Pounds	Year	Cases of 48 Pounds
	No.		No.
1897	231,886	1909	188,992
1898	223,554	1910	183,094
1899	213,652	1911	208,482
1900	219,756	1912	137,616
1901	209,513	1913	166,512
1902	194,794	1914	160,902
1903	220,921	1915	162,966
1904	224,214	1916	197,751
1905	219,534	1917	195,993
1906	210,516	1918	107,812
1907	222,095	1919	128,759
1908	227,323	1920	163,299

CANNED FOOD PRODUCTION IN CANADA, 1938.

Annual Pack of Lobsters, 1897 to 1938 - (Concluded)

Year	Cases of 48 Pounds No.	Year	Cases of 48 Pounds No.
1921	137,607	1930	139,109
1922	148,644	1931	146,338
1923	151,039	1932	166,799
1924	102,118	1933	122,062
1925	127,497	1934	116,144
1926	123,519	1935	99,905
1927	113,937	1936	88,102
1928	111,986	1937	88,581
1929	127,516	1938	92,004

Sardine Canning. - Sardine is the name given to the young herring that is used for canning. New Brunswick produces the entire Canadian pack of canned sardines, and in that province it is the leading fishing industry. The number of sardine canneries has never exceeded three, but those in operation are of large size and, together, produce an annual pack, ranging from 111,835 cases, valued at \$512,174 in 1921, the low year for quantity in the period 1917 to 1937, to 423,043 cases, valued at \$1,458,817, in 1937, the high record year to date. The average pack for the period covering the years 1917 to 1938 was 234,897 cases; in 1938 the pack amounted to 349,887 cases valued at \$1,197,639. The sardine is seventh on the list of the 27 chief commercial fishes of Canada (those with a product valued at \$100,000 or more). The exports of canned sardines in 1938 had a value of \$629,037, the chief markets abroad being found in British South Africa, Australia and the British West Indies. The imports of canned sardines in the same year were valued at \$357,975, the greater part being supplied by Norway. A table showing the annual pack of sardines from 1917 to 1938 is appended.

Annual Pack of Sardines, 1917 to 1938.

Year	Cases Canned No.	Year	Cases Canned No.
1917	168,365	1928	257,881
1918	177,193	1929	329,204
1919	119,225	1930	244,238
1920	129,925	1931	202,520
1921	111,835	1932	113,197
1922	121,800	1933	180,597
1923	268,800	1934	288,091
1924	282,306	1935	338,436
1925	209,649	1936	393,854
1926	217,592	1937	423,043
1927	240,091	1938	349,887

CANNED FOOD PRODUCTION IN CANADA, 1938.

Other Kinds of Canned Fish. - Chief among the other kinds of fish canned are, in order of value of product in 1938, herring (95,697 cases, value \$387,332), clams and quahaugs (44,777 cases, value \$212,575), and pilchards (69,473 cases, value \$232,311), the last mentioned being taken on the pacific Coast only. There are packed, also, smaller quantities of cod, haddock, hake and cusk, halibut, mackerel, trout, crabs, oysters, scallops and shrimps with a total value in 1938 of \$185,819. The clam canneries form a separate classification, while the other kinds of canned fish mentioned in this paragraph may be found among the products of various branches of the fish canning and curing industry. A statement showing the quantity of clams and quahaugs packed annually from 1917 to 1938 is herewith presented.

Annual Pack of Clams and Quahaugs, 1917 to 1938.

Year	Cases Canned	Year	Cases Canned
	No.		No.
1917	19,445	1928	43,090
1918	16,592	1929	54,289
1919	14,599	1930	44,708
1920	17,195	1931	23,177
1921	22,384	1932	21,935
1922	23,085	1933	20,609
1923	18,329	1934	19,091
1924	32,447	1935	29,983
1925	37,622	1936	31,402
1926	30,370	1937	37,224
1927	38,826	1938	44,777

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 throughout the summer and autumn until October, being at its height in July, August and September. The pack in 1938 consisted of 2,018,554 cases of fruits and 8,710,103 cases of vegetables, valued at \$4,556,282 and \$14,519,963 respectively. Of the canned vegetables packed, tomatoes ranked first with 2,399,350 cases. Peas with 2,330,170 cases came next, followed in order by cream of corn, 1,400,577 cases, baked beans, 1,449,544 cases, etc. Of the fruits canned, pears came first with 544,114 cases, followed by peaches with 473,380 cases, apples including crabapples, 408,461 cases, cherries, 166,646 cases, plums, 75,802 cases, etc. Other important canned products are soups of all kinds, 3,125,432 cases and tomato juice, 1,325,574 cases. For detailed statistics of production, by provinces see table 4.

CANNED FOOD PRODUCTION IN CANADA, 1938.

Imports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1937 and 1938.

	1937		1938	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES --				
Asparagus	151,867	21,621	189,217	26,976
Beans, baked	221,552	14,380	652,417	36,717
Corn	52,744	2,727	32,130	1,670
Peas	26,747	2,580	46,951	4,217
Tomatoes	1,211,226	86,610	1,039,932	72,506
Mushrooms and truffles ..	307,106	49,380	308,597	48,545
All other vegetables	999,146	82,409	941,608	78,865
TOTAL CANNED VEGETABLES	2,970,388	259,707	3,210,852	269,496
CANNED FRUITS -				
Peaches and apricots	4,705,789	296,270	2,002,085	124,335
Pears	425,813	28,103	220,449	14,542
Pineapples	20,145,127	690,561	20,153,535	632,035
All other fruits	1,283,544	99,225	1,407,817	108,241
TOTAL CANNED FRUITS ...	26,560,273	1,114,159	23,783,886	879,153

Exports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1937 and 1938.

	1937		1938	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Beans	8,857,236	379,925	11,060,516	439,512
Tomatoes	35,880,447	1,540,087	31,221,961	1,295,039
Vegetables, canned or preserved, n.o.p.	5,380,342	410,521	6,748,047	487,305
TOTAL CANNED VEGETABLES	50,118,025	2,330,533	49,030,524	2,221,856

CANNED FOOD PRODUCTION IN CANADA, 1938.

Exports of Canned Fruits and Vegetables, Calendar Years
1937 and 1938 - (Concluded)

	1937		1938	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED FRUITS -				
Pears	9,924,910	694,139	13,354,659	827,485
Apples	9,894,212	503,806	13,806,790	657,079
Peaches ^x	2,264,801	176,860	2,611,452	188,250
Fruits, canned or preserved, n.o.p.	4,752,054	434,696	3,467,223	327,632
TOTAL CANNED FRUITS ..	26,835,977	1,809,501	33,240,124	2,000,446

x From April 1, 1937.

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 year 1938 was \$1,168,206. Imports of canned meats, poultry and game during the same period amounted to \$642,238 whilst exports of Canadian products totalled \$366,881. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1938, totalled \$7,742,625, whilst imports were valued at \$21,038 and exports at \$2,015,267.

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-four 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 for the years 1917-1938 is given in the following table.

CANNED FOOD PRODUCTION IN CANADA, 1938.

Production of Concentrated Milk Products, 1917 to 1938.

Year	Value of Products	Year	Value of Products
	\$		\$
1917	7,308,042	1928	10,176,208
1918	11,218,055	1929	10,498,544
1919	13,930,513	1930	10,040,176
1920	17,160,111	1931	7,067,807
1921	11,526,422	1932	5,952,947
1922	6,839,232	1933	5,536,888
1923	10,040,318	1934	5,991,759
1924	9,710,017	1935	6,849,989
1925	9,844,613	1936	7,434,896
1926	9,601,138	1937	10,078,192
1927	10,186,312	1938	11,844,817

Imports and Exports of Concentrated Milk Products,
Calendar Years 1920 to 1938.

Year	Imports	Exports
	\$	\$
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
1934	25,123	2,209,750
1935	22,318	2,247,075
1936	35,876	1,886,468
1937	115,683	3,174,594
1938	61,188	3,456,398

CONSUMPTION OF CANNED FOODS IN CANADA, 1938.

The value of canned foods available for consumption in Canada for the calendar years 1937 and 1938 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, 1938.

Consumption of Canned Foods in Canada, 1937 and 1938.

Classes of Canned Foods	Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption		
				Total	Per Capita	
	\$	\$	\$	\$	\$	
Canned fish	1937	13,619,606	1,002,585	10,608,818	4,013,373	.36
	1938	16,297,611	1,059,856	10,021,065	7,336,402	.65
Canned fruits	1937	5,251,981	1,114,159	1,809,501	4,556,639	.41
	1938	4,556,282	879,153	2,000,446	3,434,989	.31
Canned vegetables	1937	17,117,580	259,707	2,330,533	15,046,754	1.35
	1938	14,519,963	269,496	2,221,856	12,567,603	1.12
Canned meats	1937	1,318,900	647,898	440,111	1,526,687	.14
	1938	1,168,206	642,238	366,881	1,443,563	.13
Canned soups	1937	6,021,687	12,641	1,554,792	4,479,536	.40
	1938	7,742,625	21,038	2,015,267	5,748,396	.51
Other canned foods	1937	8,786,959	-	-	8,786,959	.79
	1938	8,737,601	-	-	8,737,601	.78
Concentrated milk products	1937	10,078,192	115,683	3,174,594	7,019,281	.63
	1938	11,844,817	61,188	3,456,398	8,449,607	.75
TOTAL	1937	62,194,905	3,152,673	19,918,349	45,429,229	4.09
	1938	64,867,105	2,932,969	20,081,913	47,718,161	4.25

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