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OCT 25 1943

Published by Authority of the Hon. James A. MacKINNON, M.P.,
Minister of Trade and Commerce.

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CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

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CANNED FOOD PRODUCTION

IN

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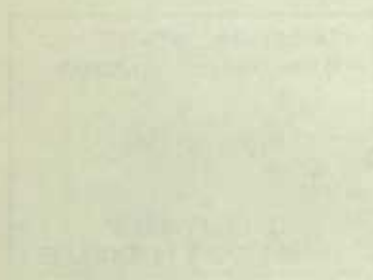
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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

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CANNED FOOD PRODUCTION IN CANADA, 1941

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 \$62,500,000 in 1939. The present war gave a great impetus to the canning industries. To meet the greatly increased demand for canned foods of all kinds, production programs were expanded with the result that the value of canned foods in 1941 totalled over \$105,000,000. 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 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 during year 1941 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, 1941

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1940 and 1941.

	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Gross Value of Production 2/
	No.	\$	No.	\$	\$
1940					
Fish, canned	225	15,164,679	11,247	3,251,368	21,483,774
Fruit and vegetable preparations	367	49,753,245	10,474	7,943,982	55,179,652
Condensed and evaporated milk...	25	6,293,142	895	1,033,839	16,144,185
Meats, canned.....	22	639,000 1/	119 1/	170,000 1/	1,818,002
TOTAL, 1940.....	639	71,850,066	22,735	12,399,189	94,625,613
1941					
Fish, canned.....	207	18,739,975	11,558	4,209,515	31,163,317
Fruit and vegetable preparations	377	55,236,970	11,943	10,165,116	75,598,310
Condensed and evaporated milk...	25	7,353,330	1,077	1,303,863	21,437,808
Meats, canned.....	16 1/	1,144,000 1/	180 1/	274,010 1/	3,326,585 1/
TOTAL, 1941	625	82,474,275	24,758	15,953,504	131,526,020

1/ Estimated.

2/ Includes canned goods as well as all the products manufactured by these industries. For production of canned goods only see table 3.

CANNED FOOD PRODUCTION IN CANADA, 1941.

Imports and Exports

Imports of canned foods in the calendar year 1941 amounted to \$2,544,127, mostly of fruit and vegetables not grown in Canada by reason of climatic conditions.

Exports of canned foods, the produce of Canada during 1941 amounted in value to \$30,066,830, of which canned fish totalled \$18,442,424, canned meats and soups \$883,790, and concentrated milk products \$7,218,898.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1934 to 1941.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1934 to 1941.

	1934	1935	1936	1937	1938	1939	1940	1941
	\$	\$	\$	\$	\$	\$	\$	\$
IMPORTS -								
Canned fish.....	713,018	891,702	1,302,453	1,002,585	1,059,856	1,500,158	681,100	280,053
Canned fruits.....	753,052	1,011,578	1,337,577	1,114,159	879,153	1,108,515	1,231,936	1,797,133
Canned vegetables.....	223,507	218,615	308,403	259,707	269,496	316,232	511,464	68,105
Canned meats and soups...	489,943	539,936	625,240	660,539	663,276	1,015,556	853,146	660,682
Concentrated milk products	25,123	22,318	35,876	115,683	61,188	73,601	180,499	142,154
TOTAL IMPORTS.....	2,204,643	2,684,149	3,509,349	3,152,673	2,932,969	3,814,062	3,658,145	2,544,127
EXPORTS								
Canned fish.....	9,129,954	10,475,278	9,275,885	10,608,818	10,021,065	11,548,982	11,669,050	18,442,424
Canned fruits.....	1,422,413	1,414,234	1,145,856	1,809,501	2,000,446	3,089,768	1,832,695	1,207,195
Canned vegetables.....	608,078	1,224,425	1,292,072	2,330,533	2,221,856	2,306,919	2,553,821	1,540,174
Canned meats and soups...	1,432,027	1,184,570	1,794,771	1,994,903	2,382,143	4,432,127	1,587,385	883,790
Other canned foods.....	-	-	-	-	930,091	1,330,244	204,234	774,349
Concentrated milk products	2,209,750	2,247,075	1,886,468	3,174,594	3,456,398	3,295,009	4,298,778	7,218,898
TOTAL EXPORTS.....	15,181,685	16,975,636	15,973,108	19,918,349	21,012,004	26,603,049	22,125,963	30,066,830

CANNED FOOD PRODUCTION IN CANADA, 1941

Table 3. - Production of Canned Foods in Canada, 1930 to 1941

	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish.....	Pound	125,535,710	18,413,477	47,879,576	9,021,461
Canned fruits.....	Case	927,838	3,520,813	774,833	2,444,818
Canned vegetables.....	Case	8,750,035	19,459,911	5,991,949	10,943,131
Canned meats.....	Pound	6,447,349	914,379	5,153,019	894,799
Canned soups.....	Case	777,269	2,517,813	1,085,107	3,497,766
Other canned foods.....	Case	95,486	506,067	394,753	1,102,982
Concentrated milk products	Cwt.	1,077,723	9,793,521	839,943	7,011,710
TOTAL.....	-	-	55,125,381	-	34,916,667

	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish.....	Pound	66,181,477	9,789,254	74,469,837	10,147,138
Canned fruits.....	Case	1,336,153	3,444,647	1,201,275	2,894,951
Canned vegetables.....	Case	4,229,268	8,296,652	4,531,542	8,257,296
Canned meats.....	Pound	3,108,220	685,765	3,142,249	661,248
Canned soups.....	Case	1,094,570	3,408,050	1,438,523	4,077,071
Other canned foods.....	Case	705,372	1,565,601	-	1,358,605
Concentrated milk products	Cwt.	815,491	5,922,993	843,994	5,451,656
TOTAL.....	-	-	33,112,962	-	32,847,965

	Unit of Measure	1934		1935	
		Quantity	Value	Quantity	Value
		\$		\$	
Canned fish.....	Pound	95,832,259	14,205,665	93,342,708	13,638,127
Canned fruits.....	Case	1,270,628	3,509,156	1,825,613	4,757,301
Canned vegetables.....	Case	6,062,374	10,876,830	6,602,822	12,101,138
Canned meats.....	Pound	3,660,878	791,426	4,007,740	862,572
Canned soups.....	Case	2,022,300	4,947,774	1,603,685	3,978,806
Other canned foods.....	Case	-	2,445,852	-	3,112,009
Concentrated milk products	Cwt.	908,430	5,991,759	1,036,030	6,849,989
TOTAL.....	-	-	42,768,462	-	45,299,942

CANNED FOOD PRODUCTION IN CANADA, 1941.

Table 3 - Production of Canned Foods in Canada, 1930 to 1941 - (Concluded).

	Unit of Measure	1 9 3 6		1 9 3 7	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pound	114,117,086	15,564,501	96,719,995	13,619,606
Canned fruits.....	Case	2,052,077	5,318,731	2,120,413	5,251,981
Canned vegetables.....	Case	7,410,145	13,963,401	9,611,050	17,117,580
Canned meats.....	Pound	5,036,186	1,101,014	6,093,546	1,318,900
Canned soups.....	Case	2,583,324	6,256,444	2,426,739	6,021,687
Other canned foods.....	-	-	5,064,541	-	8,786,959
Concentrated milk products	Cwt.	1,098,143	7,434,896	1,373,999	10,078,192
TOTAL.....	-	-	54,703,528	-	62,194,905

	Unit of Measure	1 9 3 8		1 9 3 9	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pound	107,584,455	16,297,611	108,893,332	15,478,961
Canned fruits.....	Case	2,018,554	4,556,282	3,547,542	7,769,005
Canned vegetables.....	Case	8,710,103	14,519,963	7,615,449	14,526,671
Canned meats.....	Pound	5,095,900	1,168,206	7,887,228	1,743,227
Canned soups.....	Case	3,125,432	7,742,625	3,510,319	9,259,222
Other canned foods.....	-	-	8,737,601	-	9,113,941
Concentrated milk products	Cwt.	1,579,239	11,844,817	1,660,425	11,575,971
TOTAL.....	-	-	64,867,105	-	69,466,998

	Unit of Measure	1 9 4 0		1 9 4 1	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish.....	Pound	132,124,047	17,873,376	190,073,678	26,829,659
Canned fruits.....	Doz cans	5,221,419 1/	6,740,876	4,317,305 1/	7,501,161
Canned vegetables.....	" "	18,972,699 1/	16,512,119	23,560,220 1/	22,689,459
Canned meats.....	Pound	9,123,105	1,818,757	16,415,193	3,813,181
Canned soups.....	Doz. cans	7,874,789 1/	6,912,543	11,065,144 1/	10,207,193
Other canned foods.....	-	-	9,823,268	-	14,416,090
Concentrated milk products	Cwt.	-	14,478,543	-	19,570,999
TOTAL.....	-	-	74,434,435	-	105,037,742

1/ Since 1940 canned fruits, vegetables, and soups are reported in doz. cans instead of cases.

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at	Quantity	Selling Value at
			Factory		Factory
			\$		\$
Fish, canned 1/.....	Cases	4,254,183	26,829,659	-	-
Haddock.....	"	24,390	117,400	-	-
Herring.....	"	1,136,114	4,211,350	-	-
Sardines.....	"	614,222	2,188,374	-	-
Pilchards.....	"	58,038	230,656	-	-
Salmon.....	"	2,298,280	18,441,973	-	-
Tuna.....	"	66	804	-	-
Clams and Quahaugs.....	"	45,559	219,877	-	-
Clam chowder.....	"	745	5,642	-	-
Crabs.....	"	2,400	55,895	-	-
Lobsters.....	"	58,517	1,249,432	-	-
Lobster tomalley.....	"	4,149	41,253	-	-
Oysters.....	"	3,475	25,609	-	-
All other canned fish...	"	7,228	41,334	-	-
Fruits, canned 7/.....	Doz.cans	4,817,305	-	3,533,624	-
	Pounds	85,431,999	7,501,161	56,637,257	5,228,335
Apples, including	Doz.cans	246,905	-	16,737	-
crabapples.....	Pounds	12,821,598	617,477	1,256,160	46,262
Apple sauce.....	Doz.cans	44,208	-	36,219	-
	Pounds	520,336	34,311	424,513	28,211
Apricots.....	Doz.cans	248,123	-	116,971	-
	Pounds	4,130,330	423,192	1,724,742	204,010
Blackberries.....	Doz.cans	24,844	-	-	-
	Pounds	351,534	41,018	-	-
Blueberries.....	Doz.cans	56,709	-	3,689	-
	Pounds	979,048	117,914	67,518	9,086
Cherries.....	Doz.cans	270,422	-	260,803	-
	Pounds	4,463,291	510,831	4,302,084	488,110
Loganberries.....	Doz.cans	44,028	-	-	-
	Pounds	623,711	61,293	-	-
Peaches.....	Doz.cans	1,789,615	-	1,636,322	-
	Pounds	30,836,874	2,541,757	28,073,237	2,281,735
Pears, Bartlett.....	Doz.cans	434,959	-	264,504	-
	Pounds	7,485,128	808,629	4,316,197	463,330
Pears, Keiffer.....	Doz.cans	475,319	-	375,405	-
	Pounds	6,905,726	575,831	5,526,502	438,273
Plums, gages, etc.....	Doz.cans	445,922	-	226,722	-
	Pounds	6,618,623	460,748	3,399,597	226,408
Raspberries.....	Doz.cans	104,128	-	76,998	-
	Pounds	1,339,426	188,243	951,162	135,765

IN CANADA, 1941.

Foods, by Provinces, 1941.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
6,888	122,421	3,415,448	22,528,639	831,847	4,178,599
-	-	-	-	24,330	117,400
-	-	1,014,529	3,690,097	121,585	521,253
-	-	25,559	47,086	588,663	2,141,288
-	-	58,078	230,656	-	-
1,610	19,733	2,295,471	18,403,545	1,239	15,645
-	-	66	804	-	-
225	1,575	12,783	53,582	32,551	161,720
-	-	-	-	745	5,642
-	-	3,386	55,643	14	252
4,591	96,867	-	-	53,926	1,152,625
131	1,536	-	-	4,018	39,717
-	-	3,475	25,609	-	-
531	2,660	2,181	15,617	4,716	23,057
33,819	-	943,759	-	301,103	-
418,901	47,084	17,167,989	1,601,315	11,157,852	624,427
-	-	25,879	-	204,289	-
-	-	1,865,507	105,921	9,699,931	465,294
-	-	-	-	7,989	-
-	-	-	-	95,873	6,100
-	-	131,152	-	-	-
-	-	2,405,588	219,192	-	-
-	-	2/	-	-	-
-	-	2/	2/	-	-
2/	-	-	-	31,804	-
2/	2/	-	-	653,890	79,994
-	-	9,619	-	-	-
-	-	161,207	22,721	-	-
-	-	44,028	-	-	-
-	-	623,711	61,293	-	-
-	-	153,293	-	-	-
-	-	2,813,637	260,022	-	-
2/	-	141,279	-	(-
2/	2/	2,820,883	315,412	(	43,503
-	-	84,003	-	(	509,256
-	-	1,194,256	120,441	(-
-	-	216,231	-	-	2,969
-	-	3,178,640	231,251	40,321	3,089
2/	-	23,770	-	2/	-
2/	2/	346,864	47,404	2/	2/

CANNED FOOD PRODUCTION

Table 4. - Production of Canned

	Unit of Measure	CANADA		Ontario	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Fruits, canned 7/ - (Concl'd.)					
Rhubarb.....	Doz.cans	3,533	-	2,956	,
	pounds	273,759	11,485	229,052	9,374
Strawberries.....	Doz.cans	160,787	-	65,945	-
	Pounds	2,188,189	295,099	835,555	124,484
Other small fruits.....	Doz.cans	851	-	-	-
	Pounds	43,329	3,094	-	-
All other fruits.....	Doz.cans	466,952	-	450,353	-
	Pounds	5,801,042	810,239	5,580,938	773,287
Vegetables, canned 7/.....					
	Doz.cans	23,647,176	-	14,160,066	-
	Pounds	364,659,533	22,750,522	218,699,814	13,523,382
Asparagus.....	Doz.cans	370,557	-	327,765	-
	Pounds	3,573,765	552,111	3,201,758	489,305
Beans, green or wax.....	Doz.cans	1,499,964	-	153,295	-
	Pounds	20,642,780	1,504,534	2,159,099	154,013
Beans baked.....	Doz.cans	4,985,038	-	3,008,631	-
	Pounds	65,649,902	4,267,193	36,984,576	2,545,764
Beets.....	Doz.cans	359,570	-	307,941	-
	Pounds	4,974,449	352,738	4,240,377	295,027
Carrots.....	Doz.cans	97,373	-	70,177	-
	Pounds	1,592,052	96,413	1,185,990	68,477
Carrots and peas combined.	Doz.cans	233,499	-	70,912	-
	Pounds	2,764,565	233,931	896,596	78,060
Corn on the cob.....	Doz.cans	37,798	-	(4)	-
	Pounds	699,821	55,235	(4)	(4)
Corn, cream, whole grain etc.....	Doz.cans	3,529,905	-	2,593,340	-
	Pounds	44,496,041	2,311,289	32,597,996	2,415,067
Mixed Vegetables.....	Doz.cans	185,123	-	(4)	-
	Pounds	2,592,762	186,214	(4)	(4)
Mushrooms.....	Doz.cans	72,235	-	(4)	-
	Pounds	637,947	156,997	(4)	(4)
Peas.....	Doz.cans	4,894,584	-	2,474,454	-
	Pounds	67,299,084	4,738,452	34,756,768	2,398,649
Pumpkin.....	Doz.cans	483,427	-	348,477	-
	Pounds	10,940,544	457,610	8,220,377	331,872
Spinach.....	Doz.cans	185,862	-	129,731	-
	Pounds	2,873,305	194,362	1,860,691	133,194
Tomatoes.....	Doz.cans	6,684,482	-	4,598,460	-
	Pounds	135,620,145	6,608,839	91,769,239	4,502,220
All other vegetables.....	Doz.cans	27,759	-	76,883	-
	Pounds	302,371	34,622	826,347	111,734

IN CANADA, 1941.

Foods, by Provinces, 1941. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
3/	-	408	-	-	-
3/	3/	38,486	1,855	-	-
3/	-	78,072	-	8,830	-
3/	3/	1,136,091	140,737	121,263	17,968
32,156	-	25,695	-	1,719	-
388,920	45,244	394,863	44,112	37,248	6,562
1,663	-	15,240	-	-	-
29,981	1,840	188,256	30,964	-	-
5,383,147	-	2,669,559	-	1,424,404	-
85,456,945	5,004,956	41,561,013	2,784,037	18,941,761	1,438,167
(4)	-	39,320	-	-	-
(4)	(4)	340,759	57,598	-	-
717,585	-	361,829	-	267,255	-
10,320,014	649,378	4,903,327	388,550	3,260,340	312,593
1,401,410	-	448,739	-	126,258	-
21,009,342	1,227,413	5,790,602	373,056	1,365,382	120,960
(4)	-	34,011	-	14,298	-
(4)	(4)	495,620	37,292	188,652	14,099
14,464	-	(4)	-	7,695	-
216,960	11,078	(4)	(4)	99,117	7,109
-	-	148,195	-	(4)	-
-	-	1,680,873	142,918	(4)	(4)
(4)	-	-	-	(4)	-
(4)	(4)	-	-	(4)	(4)
421,425	-	137,192	-	(4)	-
5,188,262	411,644	1,772,459	143,225	(4)	(4)
129,205	-	(4)	-	-	-
1,912,834	125,011	(4)	(4)	-	-
(4)	-	(4)	-	-	-
(4)	(4)	(4)	(4)	-	-
1,357,240	-	503,147	-	559,743	-
18,697,147	1,241,811	6,679,229	531,857	7,165,940	566,135
28,489	-	64,279	-	42,182	-
609,155	26,639	1,280,088	66,380	830,924	32,719
29,760	-	17,955	-	(4)	-
583,900	28,964	327,722	23,788	(4)	(4)
1,244,695	-	836,900	-	(4)	-
26,381,551	1,213,348	17,410,951	889,127	(4)	(4)
38,874	-	77,992	-	416,973	-
537,780	69,670	879,383	130,246	5,531,406	384,552

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 -					
Soups, all kinds.....	Doz. cans	11,065,144	-	9,540,254	-
	Pounds	94,019,665	10,207,193	76,044,177	8,892,742
Poultry(chicken, turkey etc.)	Doz. cans	161,111	-	69,794	-
	Pounds	1,116,437	377,438	456,305	165,451
Meats.....	Pounds	16,415,193	3,813,181	3,526,105	856,229
Spaghetti and macaroni.	Doz. cans	1,574,214	-	1,184,741	-
	Pounds	18,007,163	1,474,849	12,880,106	1,173,877
Tomato juice.....	Doz. cans	5,077,368	-	4,645,361	-
	Pounds	79,812,562	4,033,675	73,921,256	3,736,939
Tomato paste and puree, canned.....	Doz. cans	207,729	-	186,462	-
	Pounds	11,674,907	578,811	10,026,166	499,517
Tomato paste and puree, other.....	Pounds	12,800	128	(5)	(5)
Tomato pulp, canned....	Doz. cans	37,304	-	29,293	-
	Pounds	3,422,827	149,466	2,432,125	107,052
Tomato pulp, other.....	Pounds	4,778,419	94,803	2,660,724	72,999
Tomato catsup, canned..	Doz. cans	273,072	-	109,336	-
	Pounds	9,413,423	899,897	5,898,691	668,059
Tomato catsup, other... Paste, meat, chicken etc.	Doz. cans	648,742	-	16,809	-
	Pounds	1,863,440	664,079	43,930	23,105
Prepared foods for infants.....	Doz. cans	1,581,094	-	1,581,094	-
	Pounds	6,196,015	1,345,101	6,196,015	1,345,101
Ready dinners, stews, etc.....	Doz. cans	485,617	-	261,844	-
	Pounds	4,870,205	580,956	2,260,442	264,510
Sauerkraut, canned.....	Doz. cans	155,861	-	154,511	-
	Pounds	3,461,333	178,183	3,446,833	177,171
Sauerkraut, other.....	Pounds	345,406	9,628	270,906	5,621
Pie filling, apple.....	Pounds	2,573,324	185,112	2,573,324	185,112
Pie filling, other.....	Pounds	1,448,356	185,551	1,172,040	139,031
Apple juice, canned....	Doz. cans	811,337	-	322,428	-
	Pounds	16,392,383	805,693	6,872,950	309,290
Apple juice, other.....	Pounds	73,250	2,875	73,250	2,875
Other fruit juices.....	Pounds	852,101	80,758	839,615	79,158
Vegetable juices, canned	Doz. cans	61,034	-	61,034	-
	Pounds	489,266	47,423	489,266	47,423
All other canned goods	Pounds	523,509	89,142	299,625	47,966

IN CANADA, 1941.

by Provinces, 1941. - (Continued).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
1,125,930	-	746,499	-	52,461	-
15,002,883	959,542	1,469,210	298,719	503,395	56,190
10,732	-	1,156	-	79,419	-
59,774	30,540	8,847	3,789	591,511	177,658
623,909	200,882	1,064,951	314,894	11,200,228	2,441,176
350,577	-	35,033	-	4,400	-
4,673,346	273,494	397,911	23,540	52,800	3,938
239,840	-	192,137	-	-	-
3,561,424	161,943	2,329,882	134,793	-	-
(5)	-	12,550	-	-	-
(5)	(5)	991,545	46,065	-	-
-	-	-	-	-	-
-	-	2,706	-	-	-
{ 2,037,868	{ 35,739	572,934	21,500	-	-
-	-	497,595	6,979	-	-
{ 4,030,128	{ 310,378	{ 2,643,414	{ 161,993	-	-
393,147	-	(5)	-	15,604	-
1,230,888	430,596	(5)	(5)	45,045	12,947
-	-	-	-	-	-
(5)	-	(5)	-	-	-
(5)	(5)	(5)	(5)	-	-
-	-	(5)	-	(5)	-
(5)	(5)	(5)	(5)	(5)	(5)
-	-	-	-	-	-
122,099	30,946	26,550	3,179	(5)	(5)
(5)	-	181,993	-	275,378	-
(5)	(5)	3,392,093	192,711	5,694,270	277,042
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
3,309,649	307,334	1,157,227	307,813	283,067	18,927

CANNED FOOD PRODUCTION

Table 4. - Production of Canned Foods,

Unit of Measure	CANADA		Ontario	
	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
		\$		\$
Concentrated Milk Products				
Condensed Milk -				
Case goods.....	Pounds 18,673,558	2,013,328	8,245,210	914,910
Bulk goods.....	" 5,931,375	593,942	5,931,375	593,942
Evaporated Milk -				
Case goods.....	" 164,208,645	11,474,939	94,362,174	6,492,258
Bulk goods.....	" 1,755,387	90,890	1,755,387	90,890
Whole milk powder.....	" 8,314,032	2,287,766	8,260,295	2,276,994
Cream powder.....	" 15,840	8,059	15,840	8,059
Condensed skim milk....	" 4,560,083	290,207	4,336,403	283,078
Evaporated skim milk...	" 1,268,784	38,823	1,268,784	38,823
Skim milk powder.....	" 26,523,851	2,329,790	18,469,359	1,639,807
Condensed buttermilk...	" 288,770	8,461	257,400	6,893
Buttermilk powder.....	" 3,014,899	216,126	2,281,828	166,709
Sugar of milk.....	" 265,853	41,219	265,853	41,219
Casein.....	" 1,181,620	177,449	724,166	119,122

(1) Canned fish are packed in cases of 48 pounds, with the exception of sardines and clams.

(2) Included under "Other small fruits".

(3) Included under "All other fruits".

IN CANADA, 1941^a.

by Provinces, 1941. - (Concluded).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
9,891,867	1,048,204	-	-	536,481	50,214
-	-	-	-	-	-
30,340,737	2,145,503	27,961,522	2,094,502	11,544,212	742,676
-	-	-	-	-	-
52,322	10,319	1,415	453	-	-
-	-	-	-	-	-
223,680	7,129	-	-	-	-
-	-	-	-	-	-
3,812,057	260,662	3,356,341	356,645	886,094	72,676
-	-	31,370	1,568	-	-
256,699	19,624	-	-	476,372	29,793
-	-	-	-	-	-
185,647	22,385	271,807	35,942	-	-

(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, 1941.

FISH CANNING

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

Salmon Canning. - The canning of salmon in Canada is an industry confined almost wholly to the province of British Columbia, where this river-spawning fish of the Pacific coast is taken in abundance. Annual records of the salmon pack extend to 1876, when the number of cases was 9,847. The annual pack in recent years has, with few exceptions, exceeded a million cases, and in each of three years (1926, 1928 and 1930) was more than two million cases. The pack of 1941 totalled 2,238,230 cases, valued at \$18,441,973. 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 salmonsalar 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 - 1941

Year	Cases No.	Year	Cases No.	Year	Cases No.
1876.....	9,847	1910.....	762,201	1934.....	1,584,593
1885.....	108,517	1915.....	1,133,381	1937.....	1,509,520
1890.....	409,464	1920.....	1,187,616	1938.....	1,708,835
1895.....	566,395	1925.....	1,719,282	1939.....	1,539,794
1900.....	606,530	1930.....	2,223,469	1940.....	1,471,435
1905.....	1,167,822	1931.....	686,697	1941.....	2,238,230

CANNED FOOD PRODUCTION IN CANADA, 1941

Pack of Salmon in the Province of British Columbia, by Species, 1931 - 1941

Species	1931	1932	1933	1939	1940	1941
	cases	cases	cases	cases	cases	cases
Sockeye.....	291,297	258,107	415,024	262,888	366,403	455,236
Springs, red.....	6,270	5,383	16,432	10,302	11,876	17,724
Springs, pink....	15,527	8,422	2,527	2,248	2,387	2,912
Springs, white...	5,387	5,854	10,834	2,347	4,036	23,771
Blueback.....(	-	-	33,718	43,209	1,205	30,327
Steelhead.....(	26,622	23,222)	1,068	797	23,277	3,454
Coho.....	76,746	137,283	212,343	196,887	240,271	361,380
Pink.....	207,822	532,558	591,582	620,525	212,911	427,765
Chum.....	56,155	223,620	527,487	386,524	642,782	320,471
TOTAL.....	685,903	1,265,072	1,381,026	1,532,057	1,512,708	2,242,270

Note:- The above table is submitted by the Salmon Cannery Association of British Columbia. The figures differ somewhat from those compiled by the Dominion Bureau of statistics which are based on returns received from individual plants.

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 in recent years, the output has been below that figure. In 1941 the pack of lobster dropped to 58,517 cases, valued at \$1,242,492. Large quantities of canned lobster were formerly exported annually, but on account of the war, the industry is, for the present, dependent chiefly on the home market.

In order to conserve the fishery the government prohibits the capture of lobsters of less than a fixed minimum size, and also makes provisions for the closing to lobster fishing of such areas and for such periods in each year as may be deemed advisable.

CANNED FOOD PRODUCTION IN CANADA, 1941.

Annual Pack of Lobsters, 1897 to 1941.

Year	Cases of 48 Pounds	Year	Cases of 48 Pounds
1897.....	231,886	1930.....	139,109
1900.....	219,756	1935.....	99,205
1905.....	219,554	1936.....	88,102
1910.....	183,094	1937.....	88,581
1915.....	162,966	1938.....	92,004
1920.....	163,299	1939.....	85,633
1925.....	127,497	1940.....	58,996
		1941.....	58,517

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. In 1941 the pack totalled 614,222 cases valued at \$2,188,374. There is an important market abroad for Canadian sardines, and large quantities are exported annually. A table showing the annual pack of sardines from 1917 to 1941 is appended.

Annual Pack of Sardines, 1917 to 1941.

Year	Cases Canned	Year	Cases Canned	Year	Cases Canned
	No.		No.		No.
1917.....	168,365	1925.....	309,649	1933.....	180,597
1918.....	177,193	1926.....	317,592	1934.....	238,091
1919.....	119,225	1927.....	240,091	1935.....	339,436
1920.....	129,925	1928.....	257,881	1936.....	393,854
1921.....	111,835	1929.....	329,204	1937.....	427,043
1922.....	121,800	1930.....	244,238	1938.....	349,887
1923.....	268,800	1931.....	302,520	1939.....	539,486
1924.....	282,306	1932.....	113,137	1940.....	504,140
				1941.....	614,222

Other Kinds of Canned Fish.-- Chief among the other kinds of fish canned are, in order of value of product in 1941, herring (1,136,114 cases, value \$4,211,350), pilchards (58,938 cases, value \$230,656), clams and quahaugs (45,559 cases, value \$219,277), and haddock (24,390 cases, value \$117,400). There were also packed smaller quantities of tuna, cod, hake and cusk, halibut, mackerel, trout, crabs, oysters and scallops.

CANNED FOOD PRODUCTION IN CANADA, 1941.

FRUIT AND VEGETABLES 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 1941 consisted of 4,817,305 doz. cans of fruits and 23,560,220 doz. cans of vegetables. Other important canned products are: soups of all kinds 11,065,144 doz. cans, tomato juice 5,077,368 doz. cans, prepared foods for infants 1,581,094 doz. cans, etc. For detailed statistics of production, by provinces, see table 4.

Imports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1940 and 1941.

	1 9 4 0		1 9 4 1	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Asparagus.....	215,529	35,006	8,570	1,512
Beans, baked.....	945,171	61,399	861	42
Corn.....	91,240	4,727	2,443	125
Peas.....	12,057	1,007	-	-
Tomatoes.....	5,476,659	321,360	807,155	50,696
Mushrooms and truffles..	174,670	13,576	318	578
All other vegetables....	693,402	67,733	149,729	15,082
TOTAL CANNED VEGETABLES.	7,609,628	511,464	969,576	68,105
CANNED FRUITS -				
Peaches and apricots....	2,764,069	246,829	5,956,213	324,671
Pears.....	468,991	32,736	791,009	54,343
Pineapples.....	16,572,966	213,357	17,268,859	227,209
All other fruits.....	1,590,425	135,413	997,166	66,871
TOTAL CANNED FRUITS	22,396,551	1,231,935	24,213,238	1,233,133

CANNED FOOD PRODUCTION IN CANADA, 1941.

Exports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1940 and 1941.

	1940		1941	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Pears.....	1,169,642	68,110	3,337,577	214,774
Beans.....	36,305,531	1,780,344	5,332,630	318,818
Tomatoes.....	12,478,232	542,402	17,424,636	714,508
Vegetables, canned or preserved, n.o.p.....	2,434,480	142,365	4,275,725	292,074
TOTAL CANNED VEGETABLES....	52,387,995	2,533,821	30,420,618	1,540,174
CANNED FRUITS -				
Pears.....	11,146,002	755,808	981,363	76,559
Apples.....	17,130,771	777,235	19,338,339	822,065
Peaches.....	1,509,043	119,234	1,035,456	84,735
Fruits, canned or preserved, n.o.p.....	1,722,655	180,358	2,572,532	223,836
TOTAL CANNED FRUITS.....	31,528,551	1,832,635	23,327,690	1,207,195

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 1941 was \$3,813,181. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1941, totalled \$10,207,193.

CONCENTRATED MILK PRODUCTS

The concentrated milk products industry in Canada dates from 1883 when the first factory was established in Truro, Nova Scotia, by the Reindeer Condensed Milk Company. As the demand for prepared milk grew, other plants were established and other kinds of products added to the output. There are now in Canada twenty-five 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 \$23,000. In 1901 the value had increased to \$269,520, in 1906 to \$255,409 and in 1910 to \$1,814,371. The value of production for the years 1917-1941 is given in the following table.

CANNED FOOD PRODUCTION IN CANADA, 1941.

Production of Concentrated Milk Products, 1917 to 1941.

Year	Value of Products	Year	Value of Products
	\$		\$
1917.....	7,308,042	1929.....	10,498,544
1918.....	11,218,055	1930.....	10,040,176
1919.....	13,930,513	1931.....	7,067,807
1920.....	17,160,111	1932.....	5,952,947
1921.....	11,526,422	1933.....	5,536,888
1922.....	6,839,232	1934.....	5,991,759
1923.....	10,040,318	1935.....	6,849,989
1924.....	9,710,017	1936.....	7,434,896
1925.....	9,844,613	1937.....	10,078,192
1926.....	9,601,138	1938.....	11,844,817
1927.....	10,186,312	1939.....	11,575,971
1928.....	10,176,208	1940.....	14,478,543
		1941.....	19,570,999

Imports and Exports of Concentrated Milk Products,
Calendar Years 1920 to 1941.

Year	Imports	Exports
	\$	\$
1920.....	192,273	8,539,330
1921.....	27,649	5,643,244
1922.....	113,008	3,135,866
1923.....	133,845	5,105,293
1924.....	94,035	5,323,653
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
1939.....	73,601	3,295,009
1940.....	180,499	4,296,778
1941.....	142,154	7,218,907

CONSUMPTION OF CANNED GOODS IN CANADA, 1941.

The value of canned foods available for consumption in Canada for the calendar years 1940 and 1941 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, 1941.

Consumption of Canned Foods in Canada, 1940 and 1941.

Classes of Canned Foods		Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption	
					Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish	1940	17,873,376	881,100	11,669,050	7,085,426	.62
	1941	26,829,659	280,053	18,442,424	8,667,288	.76
Canned fruits.....	1940	6,740,876	1,231,936	1,832,695	6,140,117	.54
	1941	7,501,161	1,393,133	1,207,195	7,687,099	.67
Canned vegetables.....	1940	16,812,119	511,464	2,533,821	14,789,762	1.29
	1941	22,689,459	68,105	1,540,174	21,217,390	1.85
Canned meats.....	1940	1,818,757	842,537	782,364	1,878,930	.17
	1941	3,813,181	638,386	500,154	3,951,413	.34
Canned soups.....	1940	6,912,546	10,609	805,021	6,118,134	.54
	1941	10,207,193	22,296	383,636	9,845,853	.86
Other canned foods.....	1940	9,828,268	-	204,234	9,624,034	.84
	1941	14,416,090	-	774,349	13,641,741	1.18
Concentrated milk products.....	1940	14,478,543	180,498	4,296,778	10,362,263	.90
	1941	19,570,999	142,154	7,218,898	12,494,255	1.08
TOTAL.....	1940	74,464,485	3,658,144	22,123,963	55,998,666	4.90
	1941	105,027,742	2,544,127	30,066,830	77,505,039	6.74

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