

32-211

C7

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

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

BOND OF FEDERAL
OF STATISTICS
DEC 11 1945
PROPERTY OF THE
LIBRARY

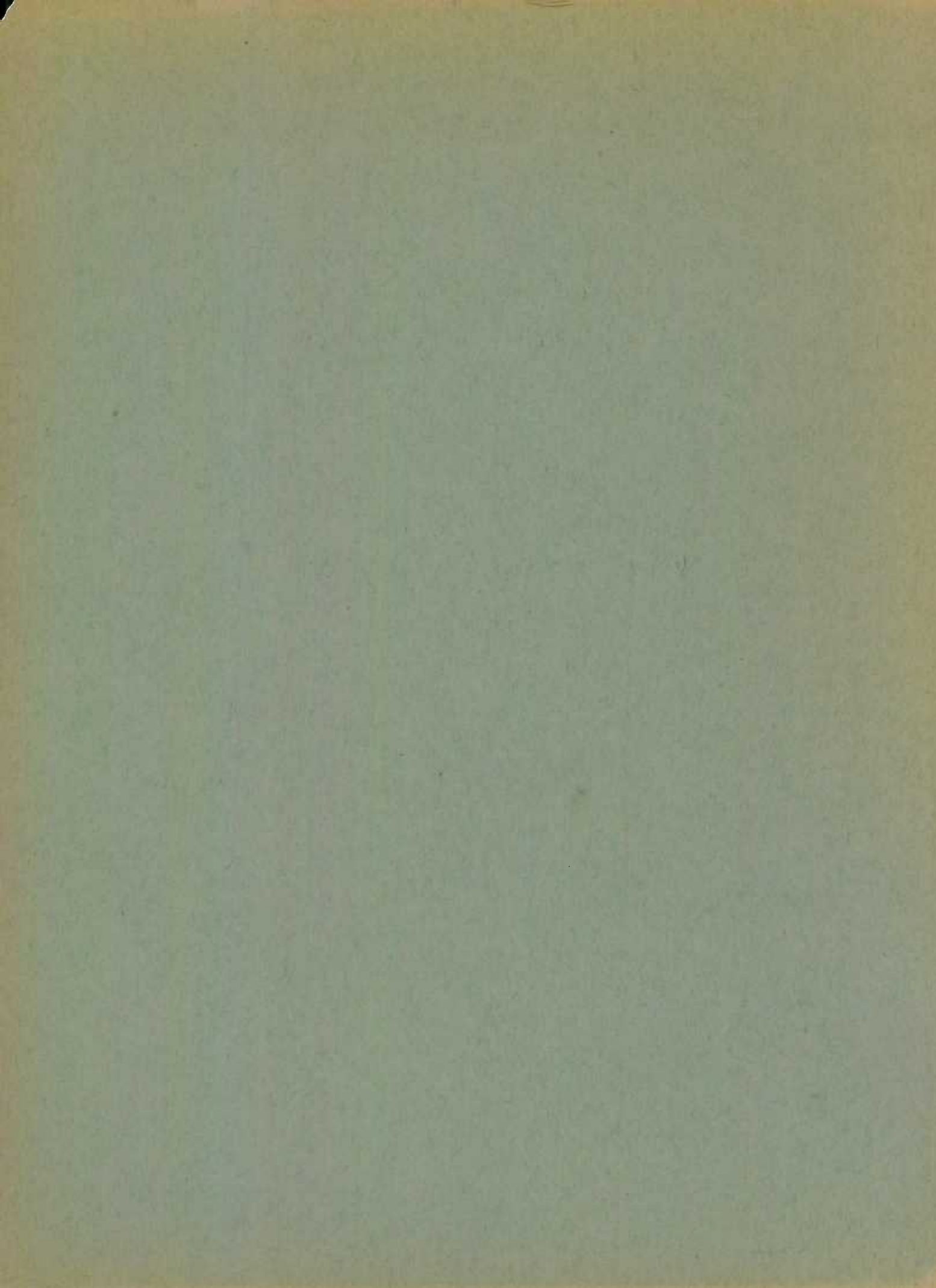
CANNED FOOD PRODUCTION
IN
CANADA
1944



OTTAWA
1946

Price 15 cents

14-1480



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

Dominion Statistician;	Herbert Marshall, O.B.E., B.A., F.S.S.
Director, Census of Industry and Merchandising;	W. H. Losee, B.Sc.
Chief, Manufacturing Statistics;	A. Cohen, B. Com.

CANNED FOOD PRODUCTION IN CANADA, 1944

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 \$69,500,000 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 1944 totalled about \$146,000,000. 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 the year 1944 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, 1944

Table 1. - Principal Statistics of the Industries Producing Canned Goods, 1943 and 1944.

	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Gross Value of Production (2)
	No.	\$	No.	\$	\$
1943					
Fish, canned	230	18,037,874	10,914	6,125,262	34,719,112
Fruit and vegetable preparations ..	382	60,753,837	11,894	12,350,468	72,228,697
Condensed and evaporated milk	26	7,134,362	1,292	1,750,471	28,071,816
Meats, canned	20(1)	2,152,087(1)	438(1)	719,400(1)	9,945,692(1)
TOTAL, 1943	658	88,078,160	24,538	20,945,601	144,965,317
1944					
Fish, canned	249	Not	11,787	6,475,729	35,610,831
Fruit and vegetable preparations ..	458	collected	15,368	16,411,988	107,335,254
Condensed and evaporated milk	26	in	7,309	2,008,579	30,663,172
Meats, canned	17	1944	1,050	1,718,000	22,876,644
TOTAL, 1944	750		35,514	26,614,296	196,485,901

(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, 1944

Imports and Exports

Imports of canned foods during the calendar year 1944 amounted to \$1,657,273 and of this amount \$994,102 was for canned meats and soups. Ordinarily fruits and vegetables not grown in Canada by reason of climatic conditions form the most important import item.

Exports of canned foods during 1944 amounted in value to \$39,088,155, of which canned fish totalled \$21,232,683, canned meats and soups \$11,235,833, concentrated milk products \$5,423,636, and canned vegetables \$819,752.

The following table summarizes the imports and exports of canned foods by classes and value for the calendar years 1937 to 1944.

Table 2. - Imports and Exports of Canned Foods, Calendar Years 1937 to 1944.

	1937	1938	1939	1940	1941	1942	1943	1944
	\$	\$	\$	\$	\$	\$	\$	\$
IMPORTS -								
Canned fish	1,002,585	1,059,856	1,300,158	881,100	280,053	35,506	72,260	55,262
Canned fruits	1,114,159	879,153	1,108,515	1,231,936	1,393,133	62,728	1,977	25,599
Canned vegetables	259,707	269,496	316,232	511,464	68,105	12,378	121,862	198,961
Canned meats and soups	660,539	663,276	1,015,556	853,146	660,682	1,242,098	1,557,054	994,102
Concentrated milk products.	115,683	61,188	73,601	180,499	142,154	791,924	133,780	383,349
TOTAL IMPORTS	3,152,673	2,932,969	3,814,062	3,658,145	2,544,127	2,144,634	1,886,933	1,657,273
EXPORTS -								
Canned fish	10,608,818	10,021,065	11,548,982	11,669,050	18,442,424	21,770,777	20,972,159	21,232,683
Canned fruits	1,809,501	2,000,446	3,089,768	1,832,695	1,207,195	697,196	341,837	309,041
Canned vegetables	2,330,533	2,221,856	2,906,919	2,533,821	1,540,174	2,018,120	744,790	819,752
Canned meats and soups	1,994,903	2,382,148	4,432,127	1,587,385	883,790	2,891,891	5,268,760	11,235,833
Other canned foods	-	930,091	1,330,244	204,234	774,349	58,628	17,188	67,210
Concentrated milk products.	3,174,594	3,456,398	3,295,009	4,298,778	7,218,898	6,776,050	5,433,172	5,423,636
TOTAL EXPORTS	19,918,349	21,012,004	26,603,049	22,125,963	30,066,830	34,212,662	32,777,906	39,088,155

CANNED FOOD PRODUCTION IN CANADA, 1944

Table 3. - Production of Canned Foods in Canada, 1933 to 1944

	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	2,894,951	1,270,628	3,509,156
Canned vegetables	Case	4,531,542	8,257,296	6,062,374	10,876,830
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	Case	-	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
			\$		\$
	Unit of Measure	1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	93,342,708	13,638,127	114,117,086	15,564,501
Canned fruits	Case	1,825,613	4,757,301	2,052,077	5,318,731
Canned vegetables	Case	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	3,978,806	2,583,324	6,256,444
Other canned foods	Case	-	3,112,009	-	5,064,541
Concentrated milk products.	Cwt.	1,036,030	6,849,989	1,098,143	7,434,896
TOTAL		-	45,299,942	-	54,703,528
			\$		\$
	Unit of Measure	1937		1938	
		Quantity	Value	Quantity	Value
			\$		\$
Canned fish	Pound	96,719,995	13,619,606	107,584,455	16,297,611
Canned fruits	Case	2,120,413	5,251,981	2,018,554	4,556,282
Canned vegetables	Case	9,611,050	17,117,580	8,710,103	14,519,963
Canned meats	Pound	6,093,546	1,318,900	5,095,900	1,168,206
Canned soups	Case	2,426,739	6,021,687	3,125,432	7,742,625
Other Canned foods	Case	-	8,786,959	-	8,737,601
Concentrated milk products	Cwt.	1,373,999	10,078,192	1,579,239	11,844,817
TOTAL		-	62,194,905	-	64,867,105

CANNED FOOD PRODUCTION IN CANADA, 1944

Table 3. - Production of Canned Foods in Canada, 1933 to 1944 - (Concluded)

	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
Canned fish	Pound	108,893,332	15,478,961	132,124,047	17,873,376
Canned fruits	Case	3,547,542	7,769,005	5,221,419	6,740,876
Canned vegetables	Case	7,615,449	14,526,671	18,972,699	16,812,119
Canned meats	Pound	7,887,228	1,743,227	9,123,105	1,818,757
Canned soups	Case	3,510,319	9,259,222	7,874,789	6,912,546
Other canned foods	-	-	9,113,941	-	9,828,268
Concentrated milk products	Cwt.	1,660,425	11,575,971	-	14,478,543
TOTAL	-	-	69,466,998	-	74,464,485

	Unit of Measure	1941		1942	
		Quantity	Value	Quantity	Value
Canned fish	Pound	190,073,678	26,829,659	198,339,168	31,943,416
Canned fruits	Doz.cans	4,817,305	7,501,161	3,460,103	6,057,333
Canned vegetables	" "	23,560,220	22,689,459	21,528,803	22,690,913
Canned meats	Pound	16,415,193	3,813,181	25,451,219	6,933,336
Canned soups	Doz.cans	11,065,144	10,207,193	9,952,996	8,850,693
Other canned foods	-	-	14,416,090	-	12,204,122
Concentrated milk products	Cwt.	-	19,570,999	-	24,487,982
TOTAL	-	-	105,037,742	-	113,167,795

	Unit of Measure	1943		1944	
		Quantity	Value	Quantity	Value
Canned fish	Pound	166,564,042	27,286,951	144,960,471	26,046,074
Canned fruits	Doz.cans	1,955,045	4,225,833	3,294,254	6,548,931
Canned vegetables	" "	13,007,228	15,331,390	23,292,719	26,951,532
Canned meats	Pound	38,671,960	10,890,282	87,344,513	23,576,961
Canned soups	Doz.cans	11,502,759	10,568,847	16,142,714	14,756,625
Other canned foods	-	-	11,536,549	-	20,368,952
Concentrated milk products	Cwt.	-	26,105,175	-	27,829,398
TOTAL	-	-	105,945,027	-	146,078,473

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	3,272,419	26,046,074	-	-
Cod	"	29,674	270,703	-	-
Haddock	"	48,379	462,391	-	-
Hake	"	41,860	374,615	-	-
Herring	"	1,223,535	5,935,175	-	-
Mackerel	"	62,259	481,349	-	-
Sardines	"	526,767	2,472,566	-	-
Pilchards	"	94,164	413,577	-	-
Salmon	"	1,099,852	11,521,895	-	-
Quahaugs	"	2,280	18,265	-	-
Clams	"	51,869	445,707	-	-
Crabs	"	385	5,390	-	-
Lobsters	"	66,834	3,146,009	-	-
Lobster tomalley	"	7,222	169,920	-	-
All other canned fish ..	"	17,339	328,512	-	-
Fruits, canned 6/	Doz.cans	3,294,254	-	1,714,786	-
	Pounds	70,003,002	6,548,931	32,847,159	3,122,572
Apples, including crabapples	Doz.cans	153,546	-	10,376	-
	Pounds	12,001,833	823,561	809,528	55,626
Apricots	Doz.cans	163,194	-	-	-
	Pounds	2,911,354	325,969	-	-
Blackberries	Doz.cans	14,516	-	-	-
	Pounds	239,492	30,326	-	-
Blueberries	Doz.cans	30,177	-	44	-
	Pounds	530,213	87,365	3,443	660
Cherries	Doz.cans	175,803	-	123,081	-
	Pounds	3,423,245	461,438	2,487,058	320,696
Loganberries	Doz.cans	4,442	-	-	-
	Pounds	72,593	7,702	-	-
Peaches	Doz.cans	1,017,357	-	686,940	-
	Pounds	18,175,416	1,869,866	12,249,968	1,236,718
Pears, Bartlett	Doz.cans	382,036	-	157,351	-
	Pounds	6,984,705	798,708	2,990,196	335,754
Pears, Keiffer, etc. ...	Doz.cans	716,944	-	576,078	-
	Pounds	12,975,674	1,052,218	10,435,973	799,493
Plums, gages, etc. ...	Doz.cans	526,818	-	103,453	-
	Pounds	10,316,726	782,777	2,638,654	183,849
Raspberries	Doz.cans	44,788	-	29,900	-
	Pounds	744,671	134,600	456,009	91,232

IN CANADA, 1944.

Foods, by Provinces, 1944.

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
31,068	571,926	2,348,326	17,667,274	393,025	7,806,874
7,519	67,368	-	-	22,155	203,335
-	-	-	-	48,379	462,391
-	-	-	-	41,860	374,615
623	2,970	1,130,527	5,387,576	92,385	544,629
11,662	100,344	-	-	50,597	381,005
-	-	-	-	526,767	2,472,566
-	-	94,164	413,577	-	-
1,222	21,183	1,097,555	11,479,093	1,075	21,619
-	-	-	-	2,280	18,265
1,564	16,450	12,474	120,478	37,831	308,779
-	-	385	5,390	-	-
7,784	349,687	-	-	59,050	2,796,322
365	8,974	-	-	6,857	160,946
329	4,950	13,221	261,160	3,789	62,402
80,280	-	1,386,994	-	112,194	-
1,279,211	142,299	30,056,149	2,855,133	5,820,482	428,927
-	-	79,062	-	64,108	-
-	-	6,192,081	431,693	5,000,424	336,242
-	-	163,194	-	-	-
-	-	2,911,354	325,969	-	-
-	-	3/	-	-	-
-	-	3/	3/	-	-
25,850	-	-	-	4,283	-
405,474	65,164	-	-	121,296	21,541
-	-	52,722	-	-	-
-	-	936,187	140,742	-	-
-	-	4,442	-	-	-
-	-	72,593	7,702	-	-
15,338	-	315,079	-	-	-
240,955	24,764	5,684,493	608,384	-	-
1,200	-	202,690	-	20,795	-
18,000	1,890	3,647,173	421,988	329,336	39,076
37,310	-	92,647	-	10,909	-
587,175	49,156	1,771,418	185,643	181,108	17,926
-	-	412,106	-	11,259	-
-	-	7,501,153	586,811	176,919	12,117
2/	-	14,838	-	-	-
2/	2/	287,875	43,220	-	-

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 - (concl'd.)					
Rhubarb	Doz. cans	30,972	-	6,608	-
	Pounds	1,174,057	77,194	524,812	32,155
Other small fruits	Doz. cans	10	-	-	-
	Pounds	825	80	-	-
All other fruits	Doz. cans	33,651	-	20,955	-
	Pounds	452,198	97,127	251,718	66,389
Vegetables, canned, Total ^{6/}					
	Doz. cans	23,292,719	-	12,797,796	-
	Pounds	393,235,705	26,951,532	220,942,282	14,851,234
Asparagus	Doz. cans	257,893	-	242,777	-
	Pounds	3,513,736	549,462	3,299,246	517,816
Beans, green or wax ...	Doz. cans	2,550,376	-	145,740	-
	Pounds	39,710,303	3,146,428	2,588,388	187,326
Beans, baked, etc. ...	Doz. cans	2,867,481	-	1,611,839	-
	Pounds	44,182,683	3,083,021	24,966,709	1,908,048
Beets	Doz. cans	308,320	-	222,143	-
	Pounds	4,844,563	342,601	3,485,123	251,983
Carrots	Doz. cans	141,841	-	79,825	-
	Pounds	2,755,474	166,244	1,299,618	87,283
Carrots and peas combined	Doz. cans	79,101	-	-	-
	Pounds	1,186,515	101,144	-	-
Corn, cream, whole grain, etc.	Doz. cans	3,997,563	-	2,533,513	-
	Pounds	58,869,393	4,553,393	38,429,252	2,859,320
Mixed vegetables (macebire)	Doz. cans	140,230	-	-	-
	Pounds	2,153,450	157,071	-	-
Mushrooms	Doz. cans	14,864	-	4/	-
	Pounds	143,280	33,220	4/	4/
Peas	Doz. cans	7,246,315	-	4,225,118	-
	Pounds	113,243,124	8,309,610	66,054,808	4,766,473
Pumpkin	Doz. cans	769,580	-	566,721	-
	Pounds	16,423,361	822,342	12,056,581	614,393
Spinach	Doz. cans	108,052	-	64,375	-
	Pounds	1,547,886	128,183	943,505	73,341
Tomatoes	Doz. cans	4,725,873	-	3,024,132	-
	Pounds	103,491,013	5,458,977	66,724,967	3,489,620
All other vegetables ...	Doz. cans	85,230	-	81,613	-
	Pounds	1,170,924	99,836	1,094,085	95,631

IN CANADA, 1944.

Foods, by Provinces, 1944. - (Continued)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
2/	-	23,432	-	2/	-
2/	2/	616,445	43,288	2/	2/
-	-	14,526	-	-	-
-	-	240,317	30,406	-	-
582	-	12,256	-	840	-
27,607	1,325	195,060	29,287	11,400	2,025
6,109,412	-	2,765,580	-	1,619,931	-
98,708,421	6,903,295	48,742,134	3,340,374	24,842,868	1,856,629
1,550	-	13,566	-	-	-
17,865	2,727	196,625	28,919	-	-
1,607,448	-	578,058	-	219,130	-
24,616,830	1,959,118	9,248,150	738,426	3,256,935	261,558
1,012,484	-	230,128	-	13,030	-
15,225,214	985,336	3,788,795	175,189	201,965	14,448
24,698	-	46,491	-	14,988	-
438,006	24,545	723,069	49,885	198,365	16,188
54,273	-	7,743	-	-	-
851,902	64,783	603,954	14,178	-	-
-	-	4/	-	4/	-
-	-	4/	4/	4/	4/
819,754	-	324,625	-	319,671	-
10,557,234	928,541	5,031,687	401,464	4,851,220	364,068
128,484	-	4/	-	-	-
1,977,260	141,801	4/	4/	-	-
4/	-	4/	-	-	-
4/	4/	4/	4/	-	-
1,289,297	-	799,980	-	931,920	-
20,110,271	1,459,865	12,946,219	1,004,856	14,131,826	1,078,416
45,904	-	80,139	-	76,816	-
962,984	47,282	1,793,736	90,545	1,610,060	70,122
2,044	-	25,379	-	4/	-
28,642	2,225	405,072	35,550	4/	4/
1,106,433	-	595,308	-	-	-
23,720,664	1,352,307	13,045,382	717,050	-	-
17,043	-	64,163	-	44,376	-
201,549	34,765	959,445	84,312	592,497	51,829

GANNED 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, Total	Pounds	473,267,911	58,702,538	327,613,111	32,976,239
Soups, all kinds	Doz.cans	16,142,714	-	14,250,258	-
	Pounds	124,892,865	14,756,625	107,506,033	13,286,841
Poultry (chicken, turkey, etc.)	Pounds	795,527	575,632	124,044	77,030
Meats	Pounds	87,344,513	23,576,961	12,154,182	3,822,683
Spaghetti & macaroni.	Doz.cans	804,025	-	472,910	-
	Pounds	12,003,710	957,238	7,212,288	627,804
Tomato juice	Doz.cans	6,830,439	-	5,875,502	-
	Pounds	138,839,079	6,602,958	119,757,853	5,696,713
Tomato paste & puree canned	Doz.cans	220,212	-	207,269	-
	Pounds	15,552,467	1,153,310	14,197,340	1,081,762
Tomato paste & puree, other	Pounds	1,293,424	74,275	789,348	56,382
Tomato pulp, canned .	Doz.cans	83,399	-	81,386	-
	Pounds	7,381,592	404,493	7,222,565	395,853
Tomato pulp, other ..	Pounds	5,426,198	112,046	3,367,897	76,475
Tomato Catsup, canned.	Doz.cans	102,989	-	60,754	-
	Pounds	5,084,111	371,241	3,514,300	257,747
Tomato Catsup, other.	Pounds	22,164,436	3,521,539	18,789,196	3,229,749
Paste, meat, chicken, etc.	Doz.cans	740,355	-	64,028	-
	Pounds	3,394,681	1,087,137	182,639	80,279
Prepared foods for infants	Doz.cans	2,707,802	-	2,695,440	-
	Pounds	9,573,196	2,095,650	9,526,837	2,088,481
Ready dinners, stews, etc.	Doz.cans	247,405	-	200,628	-
	Pounds	2,942,444	437,886	2,415,152	345,733
Sauerkraut, canned..	Doz.cans	79,255	-	79,255	-
	Pounds	1,646,120	87,579	1,646,120	87,579
Sauerkraut, other...	Pounds	526,099	24,479	526,099	24,479
Pie filling, apple .	Pounds	8,576,871	770,929	4,405,964	391,188
Pie filling, other..	Pounds	2,794,036	363,665	2,587,414	341,138
Apple juice, canned.	Doz.cans	802,572	-	450,921	-
	Pounds	18,464,161	1,293,611	7,679,018	618,543
Apple juice, other	Pounds	846,042	46,707	5/	5/
Other fruit juices.	Pounds	1,274,223	150,854	1,230,638	141,807
Vegetable juices, canned	Doz.cans	5/	-	5/	-
	Pounds	5/	5/	5/	5/
All other canned foods ..	Doz.cans	182,983	-	-	-
	Pounds	2,452,116	237,723	2,778,183	247,973

IN CANADA, 1944.

by Provinces, 1944 - (Continued).

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
45,244,753	4,149,829	20,748,893	1,358,530	79,661,154	19,918,140
1,224,540	-	667,916	-	-	-
12,377,462	997,310	5,009,370	472,474	-	-
5/	5/	-	-	668,081	495,973
1,782,915	586,491	5/	5/	72,544,976	18,958,179
274,088	-	5/	-	-	-
4,107,100	286,855	5/	5/	-	-
718,867	-	236,070	-	-	-
14,703,521	692,200	4,377,705	214,045	-	-
-	-	-	-	-	-
(329,992	10,896	(1,529,211	78,545	-	-
(-	(-	-	-
-	-	5/	-	-	-
-	-	5/	5/	-	-
1,136,100	11,741	922,201	23,820	-	-
5,355	-	36,880	-	-	-
302,861	32,391	1,266,950	81,102	-	-
3,135,198	263,458	5/	5/	-	-
573,207	-	5/	-	19,790	-
2,664,557	815,269	5/	5/	110,005	24,929
5/	-	-	-	-	-
5/	5/	-	-	-	-
5/	-	-	-	-	-
5/	5/	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
2,733,606	255,191	-	-	1,437,301	124,550
-	-	5/	5/	146,282	16,121
32,327	-	200,974	-	118,350	-
909,789	56,490	5,124,778	321,900	4,750,576	296,678
441,015	30,539	5/	5/	-	-
5/	5/	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
59,711	-	214,969	-	-	-
620,637	110,998	2,518,678	466,433	3,933	1,710

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	Pound	23,635,417	2,918,213	8,707,035	982,377
Bulk goods	"	8,141,538	943,691	7,850,788	909,117
Evaporated Milk -					
Case goods	"	179,156,380	13,845,983	92,447,466	6,979,560
Bulk goods	"	1,491,744	133,051	1,491,744	133,051
Whole milk powder	"	15,031,819	5,067,328	13,683,203	4,724,714
Cream powder	"	5,044	2,313	5,044	2,313
Condensed skim milk	"	4,122,504	323,614	4,032,645	315,604
Evaporated skim milk	"	1,851,863	73,935	1,295,878	51,835
Skim milk powder	"	28,525,350	3,172,211	17,811,177	1,968,449
Condensed buttermilk ...	"	286,148	10,603	195,715	6,403
Buttermilk powder	"	3,426,973	297,148	1,407,273	120,723
Malted milk powder	"	695,663	120,971	695,663	120,971
Sugar of milk	"	553,577	138,394	553,577	138,394
Casein	"	3,736,067	781,943	1,065,714	251,212
TOTAL	"	270,660,087	27,829,396	151,242,922	16,704,723

1/ Canned fish are packed in cases of 48 pounds, with the exception of sardines.
 2/ Included under "All other fruits".
 3/ Included under "Other small fruits".

IN CANADA, 1944

by Provinces, 1944 - (Concluded)

Quebec		British Columbia		Other Provinces	
Quantity	Selling Value at Factory	Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
	\$		\$		\$
14,631,238	1,902,970	-	-	227,144	32,866
290,750	34,574	-	-	-	-
42,868,448	3,270,423	27,925,039	2,421,825	15,915,427	1,174,175
-	-	-	-	-	-
1,348,616	342,614	-	-	-	-
-	-	-	-	-	-
89,859	8,010	-	-	-	-
555,985	22,100	-	-	-	-
6,800,765	735,560	3,003,544	354,901	909,864	113,301
16,031	480	74,402	3,720	-	-
527,558	47,881	-	-	1,492,142	128,544
-	-	-	-	-	-
-	-	-	-	-	-
2,474,156	501,311	196,197	29,420	-	-
69,603,406	6,865,923	31,199,182	2,809,866	18,614,577	1,448,886

4/ Included under "All other vegetables".

5/ Included under "All other canned goods".

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

CANNED FOOD PRODUCTION IN CANADA, 1944.

FISH CANNING

The principal varieties of fish used in Canadian canneries are in order of their importance; salmon, lobsters, sardines, 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 four years (1926, 1928, 1930 and 1941) was more than two million cases. The pack of 1944 totalled 1,099,852 cases, valued at \$11,521,895. Under regulations made by Order in Council of April 4, 1932, canned salmon shipped out of the province must be inspected, and graded according to quality, and each can must carry a letter representing the species of salmon.

Every species of salmon known to the waters of the Pacific is to be found on the British Columbia Coast - the sockeye, the spring, the coho, 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 - 1944

Year	Cases No.	Year	Cases No.	Year	Cases No.
1876	9,847	1915	1,133,381	1938	1,708,835
1885	108,517	1920	1,187,616	1939	1,539,794
1890	409,464	1925	1,719,282	1940	1,471,435
1895	566,395	1930	2,223,469	1941	2,298,280
1900	606,530	1931	686,697	1942	1,817,441
1905	1,167,822	1934	1,584,593	1943	1,263,829
1910	762,201	1937	1,509,520	1944	1,099,852

CANNED FOOD PRODUCTION IN CANADA, 1944.

Pack of Salmon in the Province of British Columbia, by Species, 1933 - 1944.

Species	1933	1936	1939	1941	1942	1943	1944
	cases	cases	cases	cases	cases	cases	cases
Sockeye	258,107	415,024	269,888	455,296	666,572	164,889	247,714
Springs, red ..	5,983	16,493	10,302	17,794	11,197	4,172	3,663
Springs, pink .	8,429	2,527	2,848	3,912	3,826	2,199	2,368
Springs, white.	5,854	10,834	2,947	28,771	9,721	4,288	13,330
Blueback	23,222	33,718	48,209	30,027	23,265	14,059	12,464
Steelhead		1,068	797	3,454	4,649	3,095	3,926
Coho	137,289	212,343	196,887	361,380	187,874	171,983	169,082
Pink	532,558	591,532	620,595	427,765	270,622	530,188	389,692
Chum	293,630	597,487	386,584	920,471	633,834	363,348	255,316
TOTAL	1,265,072	1,881,026	1,539,057	2,248,870	1,811,560	1,258,221	1,097,555

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, the trend being towards the sale of lobsters "in shell" to the United States market. In 1944 the pack of lobster, increased by 7 per cent to 66,834 cases, and the value increased to \$3,146,009, an increase of 8 p.c. over that of 1943.

In order to conserve the fisheries 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, 1944

Annual Pack of Lobsters, 1897 to 1944.

Year	Cases of 48 pounds	Year	Cases of 48 pounds
1897	231,886	1936	88,102
1900	219,756	1937	88,581
1905	219,534	1938	92,004
1910	183,094	1939	85,693
1915	162,966	1940	58,996
1920	163,299	1941	58,517
1925	127,497	1942	63,535
1930	139,109	1943	62,475
1935	99,905	1944	66,834

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 1944 the pack totalled 526,767 cases valued at \$2,472,566. There is an important market abroad for Canadian sardines, and large quantities are exported annually.

Annual Pack of Sardines, 1917 to 1944.

Year	Cases Canned	Year	Cases Canned	Year	Cases Canned
1917	168,365	1926	217,592	1935	338,436
1918	177,193	1927	240,091	1936	393,854
1919	119,225	1928	257,881	1937	423,043
1920	129,925	1929	329,204	1938	349,887
1921	111,835	1930	244,238	1939	539,486
1922	121,800	1931	202,520	1940	504,140
1923	268,800	1932	113,197	1941	614,222
1924	282,306	1933	180,597	1942	407,424
1925	209,649	1934	288,091	1943	545,510
				1944	526,767

CANNED FOOD PRODUCTION IN CANADA, 1944.

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 1944 consisted of 3,294,254 doz. cans of fruits and 23,292,719 doz. cans of vegetables. Other important canned products are; soups of all kinds, 16,142,714 doz. cans, tomato juice 6,830,439 doz. cans, prepared foods for infants 2,707,802 doz. cans, etc. For detailed statistics of production of canned fruits and vegetables, by provinces, see Table 4.

Imports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1943 and 1944.

	1943		1944	
	Quantity Pounds	Value \$	Quantity Pounds	Value \$
CANNED VEGETABLES -				
Asparagus	-	-	-	-
Beans, baked	1,840	266	62,120	1,806
Corn	-	-	35,780	777
Mushrooms and truffles ..	-	-	60	84
Peas	-	-	33,450	779
Tomatoes	880,011	121,326	1,323,737	191,422
All other vegetables	1,370	270	22,942	4,093
TOTAL CANNED VEGETABLES ...	883,221	121,862	1,478,089	198,961
CANNED FRUITS -				
Peaches and apricots	465	35	14,744	1,476
Pears	1,170	91	762	101
Pineapples	12,000	1,648	225,071	23,030
All other fruits	1,693	203	6,313	992
TOTAL CANNED FRUITS	15,328	1,977	246,890	25,599

CANNED FOOD PRODUCTION IN CANADA, 1944.

Exports of Canned Fruits and Vegetables, by Kinds,
Calendar Years 1943 and 1944.

	1 9 4 3		1 9 4 4	
	Quantity	Value	Quantity	Value
	Pounds	\$	Pounds	\$
CANNED VEGETABLES -				
Peas	990,461	75,198	867,682	65,266
Beans	1,864,559	147,066	2,772,185	241,207
Tomatoes	1,209,201	68,413	768,851	47,778
Tomato paste, pulp and puree	262,287	24,663	25,532	2,250
Tomato juice	882,749	50,177	1,019,157	56,520
Tomato soup	434,062	43,535	886,146	89,549
Vegetables, canned or preserved, n.o.p.	2,783,296	335,738	3,926,874	317,182
TOTAL CANNED VEGETABLES	8,426,615	744,790	10,266,427	819,752
CANNED FRUITS -				
Pears	977,332	101,267	515,506	61,267
Apples	487,022	29,213	1,148,567	82,216
Peaches	3,182	74,009	287,756	39,686
Fruits, canned or preserved, n.o.p.	1,086,972	137,348	904,044	125,872
TOTAL CANNED FRUITS	2,554,508	341,837	2,855,873	309,041

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 1944 was \$23,576,961. Closely allied to the canned meat industry is that of canned soup, the manufacture of which, in 1944, totalled \$14,756,625.

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-six 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 1917-1944 is given in the following table.

CANNED FOOD PRODUCTION IN CANADA, 1944.

Production of Concentrated Milk Products, 1917 to 1944.

Year	Value of Products	Year	Value of Products
1917	7,308,042	1931	7,067,807
1918	11,218,055	1932	5,952,947
1919	13,930,513	1933	5,536,888
1920	17,160,111	1934	5,991,759
1921	11,526,422	1935	6,849,989
1922	6,839,232	1936	7,434,896
1923	10,040,318	1937	10,078,192
1924	9,710,017	1938	11,844,817
1925	9,844,613	1939	11,575,971
1926	9,601,138	1940	14,478,543
1927	10,186,312	1941	19,570,999
1928	10,176,208	1942	24,487,982
1929	10,498,544	1943	26,105,175
1930	10,040,176	1944	27,829,398

Imports and Exports of Concentrated Milk Products
Calendar Years 1920 to 1944.

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
1939	73,601	3,295,009
1940	180,499	4,296,778
1941	142,154	7,218,907
1942	791,924 1/	6,776,050
1943	133,780	5,433,172
1944	383,349	5,423,636

1/ Includes "dried whey" in 1942.

CONSUMPTION OF CANNED GOODS IN CANADA, 1944

The value of canned foods available for consumption in Canada for the calendar years 1943 and 1944 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.

Consumption of Canned Foods in Canada, 1943 and 1944

Classes of Canned Foods		Value of Manufactures	Value of Imports	Value of Exports	Value available for Consumption	
					Total	Per Capita
		\$	\$	\$	\$	\$
Canned fish	1943	27,286,951	72,260	20,972,159	6,387,052	.54
	1944	26,046,074	55,262	21,232,683	4,868,653	.41
Canned fruits	1943	4,225,833	1,977	341,837	3,885,973	.33
	1944	6,548,931	25,599	309,041	6,265,489	.52
Canned vegetables	1943	15,331,390	121,862	744,790	14,708,462	1.25
	1944	26,951,532	198,961	819,752	26,330,741	2.20
Canned meats	1943	10,890,282	918,016	5,052,399	6,755,899	.57
	1944	23,576,961	926,372	10,895,520	13,607,813	1.14
Canned soups	1943	10,568,847	639,038	216,361	10,991,524	.94
	1944	14,756,625	67,730	340,313	14,484,042	1.21
Other canned foods	1943	11,536,549	-	17,188	11,519,361	.98
	1944	20,368,952	-	67,210	20,301,742	1.69
Concentrated milk products	1943	26,105,175	133,780	5,433,172	20,805,783	1.76
	1944	27,829,398	383,349	5,423,636	22,789,111	1.90
TOTAL	1943	105,945,027	1,886,933	32,777,906	75,054,054	6.37
	1944	146,078,471	1,657,273	39,088,155	108,647,589	9.07

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010713212