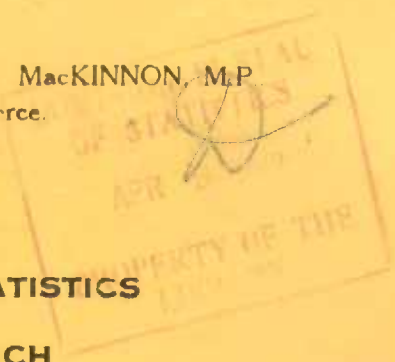


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Minister of Trade and Commerce.



CANADA
DOMINION BUREAU OF STATISTICS
AGRICULTURAL BRANCH

SERIES NO. VIII

REPORT NO. 4

THE DAIRY SITUATION
IN
CANADA

FOURTH QUARTER

OCTOBER - DECEMBER

1941



OTTAWA
1942

Price \$1 a year

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Chart 1

PRODUCTION OF CREAMERY BUTTER, CHEESE AND CONCENTRATED MILK PRODUCTS

MILLION
LB. 60

OCTOBER - DECEMBER

50



40

30

20

10

0

1940  1941 

CREAMERY
BUTTER

CHEESE

EVAPORATED
WHOLE
MILK

SKIM
MILK
POWDER

49,941,551

52,009,122

23,690,803

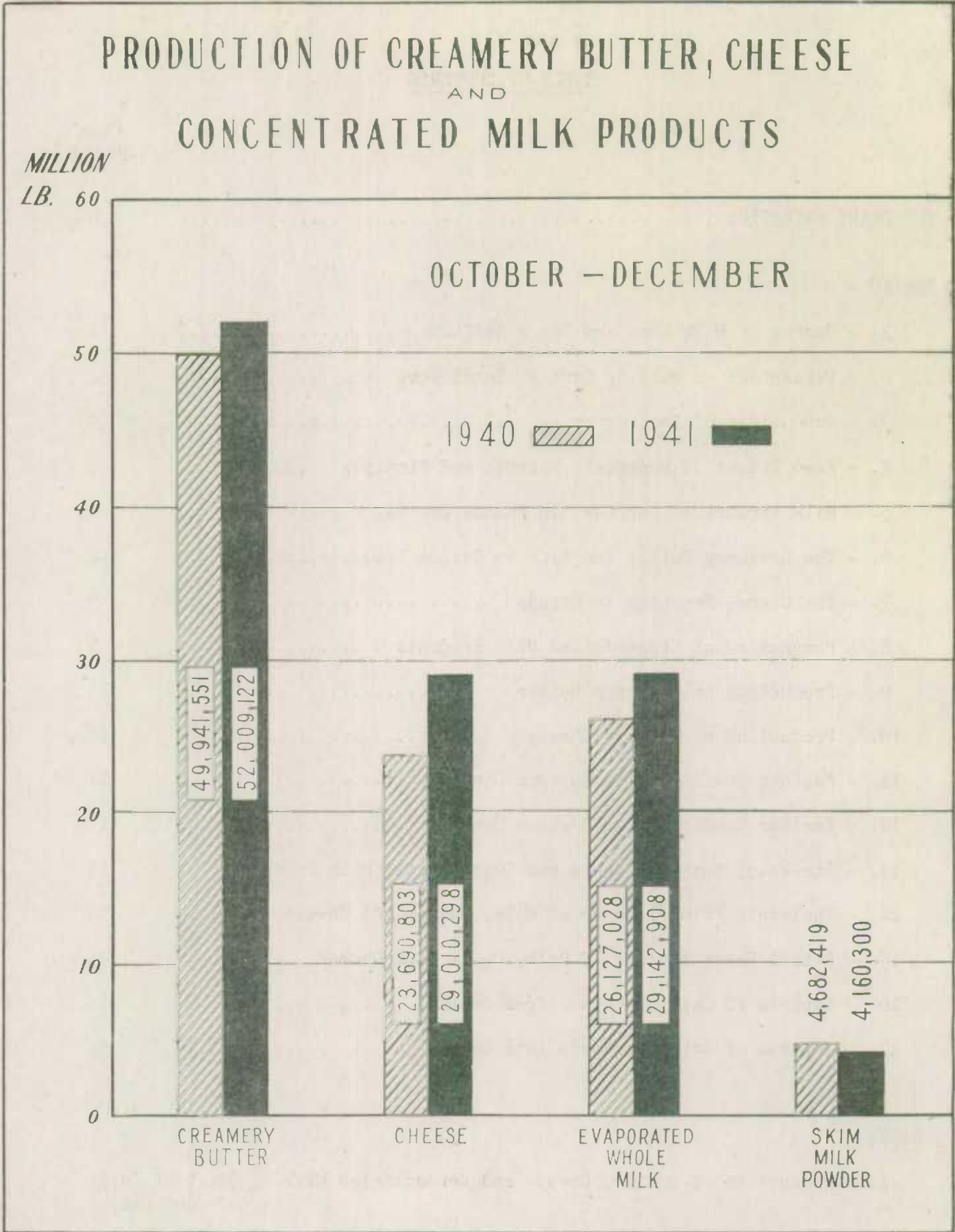
29,010,298

26,127,028

29,142,908

4,682,419

4,160,300



DOMINION BUREAU OF STATISTICS
AGRICULTURAL BRANCH

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THE DAIRY SITUATION

The dairy situation in Canada during the last quarter of 1941 may be briefly summarized as follows: Milk production appears to have increased a little in the last quarter of 1941 as compared with the same period of the preceding year. There was no apparent increase in the percentage of cows milking in the herds of dairy correspondents, but more cows are being kept than was formerly the case, and the milk production per cow showed a slight advance over the last quarter of 1940. A more significant development was a 7.5 per cent increase in the quantities of milk used in manufacture. The additional supplies, compared with those made available during the October-December period of the preceding year, are partially accounted for in a reduction of 18 per cent in the production of farm-made butter and a decline of 6.9 per cent in the quantities of whole milk used in farm homes, all of which came about by a better local demand and higher prices for dairy products.

The creamery butter position as analysed in Table 6 revealed an increase of 2 million pounds in production over the same period of the previous year, and stock holdings as at the first of each month exceeded those shown on the corresponding dates of 1940 by $9\frac{1}{2}$ to $12\frac{3}{4}$ million pounds. (The former on October 1 and the latter on November 1.) Rising prices tended to restrict the sale of butter during October, and to some extent in November, but with the stabilization of prices resulting from price control measures which went into effect on December 1, the domestic disappearance for the period under review advanced approximately $1\frac{1}{4}$ million pounds over the same period of the previous year. The average monthly disappearance for the three months was 25.4 million pounds in the October-December period of 1941 as compared with 25 million pounds in the last quarter of 1940.

The cheese position revealed a recovery in the domestic disappearance which came with the removal of restrictions on the local sale of cheese in Ontario and Quebec on and after November 1. Whereas the domestic disappearance in the last quarter of 1940 was less than 4 million pounds, it increased to nearly 6 million pounds during the October-December period of 1941. The stocks carried in storage were relatively high, exceeding those shown at the same dates of the previous year by 11 to 14 million pounds, the latter figure being shown at November 1. It is understood, of course, that a considerable proportion of this cheese is under contract to the British Ministry of Food. The placing of the maximum price at 25 cents for first grade cheese (f.o.b. factory, Ontario and Quebec) stimulated cheese production to an exceptional degree in all cheese producing provinces. This situation may be shown best by comparing the production in the first nine months with the output for the last three months of the year; the January-September make exceeding that produced in the same period of the preceding year by 1.5 million pounds, while the make for the last three months was greater than that of the corresponding period of 1940 by 5.3 million pounds. With the exception of the month of October, exports were maintained at a high level and for the three months amounted to a total of $33\frac{1}{4}$ million pounds as against $28\frac{1}{2}$ million pounds in the last quarter of 1940.

Milk Cows and Milk Production - Dairy cow numbers as at December 1, 1941, advanced 85,000 as compared with those shown on farms at the same date of the previous year, and exceeded the numbers at June 1, 1941 by approximately 111,800. According to dairy correspondents 72.5 per cent of the cows on the farms reported upon were being milked, which was practically the same as that recorded in the last three months of the preceding year. Prince Edward Island, Saskatchewan and Alberta showed higher percentages of milking cows while reductions were reported in all other provinces.

2.

The production of milk per cow per day during the three-month period advanced from an average of 17.3 to 17.9 pounds. Most of the provinces registered declines, but four of the provinces, Prince Edward Island, New Brunswick, Quebec and Ontario showed increases. In this group of four provinces, the average moved from 15.6 pounds in the 1940 period to 17.6 pounds in the last quarter of 1941. Owing to satisfactory feed supplies and fairly good pastures in most parts of the Dominion, dairy cows went into winter quarters in good condition.

Feed Supplies and Feed Prices - Pastures were fairly good during the fall months, with the exception of certain parts of the Prairies where dry weather persisted into the early autumn. The weather was inclined to be cool and damp in the Maritime Provinces and heavy rains flooded the meadow lands in British Columbia, causing some damage to pastures and a considerable loss of feed. The total supplies of feed in Canada converted to a tonnage basis fell about 2½ per cent below that recorded in the final quarter of the preceding year. There was a good crop of barley, and the tonnage of both fodder corn and alfalfa was considerably increased. On the other hand, both the hay and clover crop and the oat crop registered reductions of 7 per cent. Low yields of oats were reported in all provinces except Nova Scotia, Quebec, and Manitoba; while reductions in the hay and clover crop were recorded in all provinces but Prince Edward Island, Nova Scotia, Manitoba and Saskatchewan. Feed prices were considerably higher than those of 1940. The price of oats at Montreal and Winnipeg showed an average increase of 28 per cent and 41 per cent and bran at Montreal increased 10 per cent. Compared with the five-year average oats advanced 21 per cent at Montreal and 23 per cent at Winnipeg, while bran prices at Montreal registered an advance of 19 per cent. Some concentrated feed stuffs are now off the market. Gluten feed and Linseed Oil Cake are being quoted at prices which represent increases of 10 and 36 per cent, respectively, over those quoted at corresponding dates in the preceding year. Compared with the five-year average the former increased 19 per cent, and the latter 33 per cent.

Number of Operating Dairy Factories

in Canada

		<u>October</u>	<u>November</u>	<u>December</u>
As creameries -				
	1940	1,250	1,295	1,177
	1941	1,357	1,285	1,037
As cheese factories -				
	1940	1,028	701	217
	1941	1,059	793	505
As combined factories -				
	1940	151	65	40
	1941	106	106	79

TABLE 1.

Numbers of Milk Cows and Dairy Heifers on Farms at June 1
and Numbers of Milk Cows on Farms at December 1,
by Provinces, 1940 and 1941

Province	Year	Milk Cows			Dairy Heifers
		June Survey	December Survey	Percentage Increase (+) Decrease (-)	June Survey
Canada	1940	3,894,800	3,917,100	+ 0.6	885,500
	1941	3,890,300	4,002,100	+ 2.9	902,000
	% Change	- 0.1	+ 2.2		+ 1.9
Prince Edward Island	1940	44,400	42,900	- 3.3	10,800
	1941	44,200	41,900	- 5.2	11,200
	% Change	- 0.5	- 3.3		+ 3.7
Nova Scotia	1940	114,400	119,400	+ 4.4	27,300
	1941	113,000	119,400	+ 5.7	25,100
	% Change	- 0.9	-		- 8.1
New Brunswick	1940	113,100	120,800	+ 6.8	26,200
	1941	111,600	119,000	+ 6.6	24,900
	% Change	- 1.3	- 1.5		- 5.0
Quebec	1940	1,028,600	1,037,500	+ 0.9	220,400
	1941	1,010,000	1,030,000	+ 2.0	215,700
	% Change	- 1.8	- 0.7		- 2.1
Ontario	1940	1,195,100	1,196,100	-	256,100
	1941	1,204,300	1,231,500	+ 2.2	262,500
	% Change	+ 7.6	+ 2.9		+ 2.5
Manitoba	1940	350,500	347,600	- 0.8	82,900
	1941	326,500	349,000	+ 6.9	80,900
	% Change	- 6.9	+ 0.4		- 2.4
Saskatchewan	1940	502,500	533,200	+ 6.1	131,000
	1941	532,000	574,000	+ 7.9	142,000
	% Change	+ 5.8	+ 7.6		+ 8.4
Alberta	1940	416,800	387,000	- 7.2	100,600
	1941	418,000	402,000	- 3.2	107,000
	% Change	+ 0.3	+ 3.9		+ 6.4
British Columbia ..	1940	129,400	132,600	+ 2.5	30,200
	1941	130,700	135,300	+ 3.6	32,700
	% Change	+ 1.0	+ 2.0		+ 8.3

Percentages of Milking Cows to Total Cows in Canada,
by Provinces, October-December, 1940 - 1941

Province	Year	October	November	December	Average October to December
		%	%	%	%
CANADA	1940	76.9	73.0	68.8	72.9
	1941	76.1	74.0	67.0	72.4
Prince Edward Island ..	1940	79.8	74.1	69.7	74.5
	1941	76.2	84.5	71.6	77.4
Nova Scotia	1940	82.1	76.1	78.8	79.0
	1941	79.9	77.2	77.3	78.1
New Brunswick	1940	81.6	82.8	71.9	78.8
	1941	82.2	78.8	74.0	78.3
Quebec	1940	88.3	79.7	70.0	79.3
	1941	88.0	76.8	60.1	75.0
Ontario	1940	80.0	77.2	68.2	75.1
	1941	78.6	75.7	66.4	73.6
Manitoba	1940	72.3	64.7	63.5	66.8
	1941	75.3	64.6	60.9	66.9
Saskatchewan	1940	67.7	66.5	63.3	65.8
	1941	75.1	68.5	60.4	68.0
Alberta	1940	60.8	56.9	57.1	58.3
	1941	64.0	62.3	58.3	61.5
British Columbia	1940	79.5	79.2	76.9	78.5
	1941	65.7	77.5	74.2	72.5

TABLE 3.

Production of Feed Crops in Canada
By Provinces, 1940 and 1941

5.

Province	Year	Roughage			Grain and Roots			Total Feed Tons
		Hay and Clover Tons	Alfalfa Tons	Fodder Corn Tons (Thousands)	Barley Bu.	Oats Bu.	Turnips Cwt.	
Canada	1940	14,070	2,588	4,155	104,256	380,526	39,016	31,734
	1941	13,079	2,738	4,642	117,619	353,346	33,795	30,979
	% Change	+ 7.1	+ 5.8	+11.7	+ 12.8	- 7.1	- 13.4	- 2.4
Prince Edward Island	1940	344	-	3	397	4,998	2,549	569
	1941	368	-	1	288	3,726	1,820	530
	% Change	+ 7.0	-	-66.7	- 27.5	- 25.5	- 28.6	- 6.9
Nova Scotia	1940	649	-	6	351	3,265	3,511	894
	1941	667	-	6	365	3,458	2,981	890
	% Change	+ 2.8	-	-	+ 4.0	+ 5.9	- 15.1	- 0.4
New Brunswick	1940	944	-	5	521	6,507	3,340	1,239
	1941	896	-	8	500	6,000	2,921	1,164
	% Change	- 5.1	-	+60.0	- 4.0	- 7.8	- 12.5	- 5.5
Quebec	1940	5,223	57	552	3,888	44,290	5,975	6,977
	1941	3,555	77	564	3,708	47,516	5,692	5,377
	% Change	- 31.9	+35.1	+ 2.2	- 4.6	+ 7.3	- 4.7	- 22.9
Ontario	1940	5,021	1,895	3,112	15,519	86,554	21,528	12,948
	1941	3,760	1,577	3,540	13,202	76,032	18,124	11,393
	% Change	- 25.1	-16.8	+13.7	- 14.9	- 12.2	- 15.8	- 12.0
Manitoba	1940	581	170	358	27,500	33,000	437	2,352
	1941	2,354	568	397	44,000	53,000	875	5,320
	% Change	+305.2	+234.1	+10.9	+ 60.0	+ 60.6	+100.2	+126.2
Saskatchewan	1940	337	48	37	23,500	93,000	178	2,576
	1941	566	84	42	28,000	85,000	83	2,813
	% Change	+ 67.9	+ 75.0	+13.5	+ 19.1	- 8.6	- 53.4	+ 9.2
Alberta	1940	638	261	11	32,000	103,000	266	3,442
	1941	588	276	14	27,000	73,000	230	2,779
	% Change	- 7.8	+ 5.7	+27.3	- 15.6	- 29.1	- 13.6	- 19.2
British Columbia	1940	333	157	71	580	5,912	1,232	737
	1941	325	156	70	556	5,614	1,069	713
	% Change	- 2.4	- 0.6	- 1.4	- 4.1	- 5.0	- 13.2	- 3.2

Feed Prices on Canadian Markets
at the end of October, November and December, 1940 and 1941

	Baled Hay	GRAIN AND MILL FEEDS					CONCENTRATES	
		Oats		Barley		Bran	Gluten Feed	Linseed Oil Cake
		Montreal	Winnipeg	Montreal	Winnipeg	Montreal	Toronto	Toronto
	per ton \$	per bu. cents	per bu. cents	per bu. cents	per bu. cents	per ton \$	per ton \$	per ton \$
October 31 -								
1940 ...	12.75	41 7/8	30 5/8	53 3/4	40 3/4	25.25	27.00	32.50
1941 ...	16.75	54 1/4	43	66	50 5/8	29.25	34.00	49.50
% Change.	+ 31.4	+ 29.5	+ 40.4	+ 22.8	+ 24.2	+ 15.8	+ 25.9	+ 52.3
Average -								
1935-39 .	16.17	44	34 3/4	54 5/8	45	23.65	28.85	38.05
1941 ...	16.75	54 1/4	43	66	50 5/8	29.25	34.00	49.50
% Change.	+ 3.6	+ 23.3	+ 23.7	+ 20.8	+ 12.5	+ 23.7	+ 17.8	+ 30.1
November 30 -								
1940 ...	12.75	42 1/8	30 5/8	53 3/8	38 1/4	27.25	32.00	37.50
1941 ...	16.75	52 1/4	41 7/8	68	53 7/8	29.25	34.00	49.50
% Change.	+ 31.4	+ 24.0	+ 36.7	+ 27.4	+ 40.9	+ 7.3	+ 6.2	+ 32.0
Average -								
1935-39 .	16.00	43 1/8	34	55 3/4	46 1/8	24.65	28.45	36.65
1941 ...	16.75	52 1/4	41 7/8	68	53 7/8	29.25	34.00	49.50
% Change.	+ 4.7	+ 21.1	+ 23.2	+ 22.0	+ 16.8	+ 18.7	+ 19.5	+ 35.1
December 31 -								
1940 ...	12.75	43 3/4	31 3/8	55 5/8	40 1/8	27.25	34.00	39.50
1941 ...	20.00	57 3/4	46 1/8	72	55 1/2	29.25	34.00	49.50
% Change.	+ 56.9	+ 32.0	+ 47.0	+ 29.4	+ 38.3	+ 7.3	-	+ 25.3
Average -								
1935-39 .	16.00	48 1/8	37 3/8	63	52	25.45	28.71	36.65
1941 ...	20.00	57 3/4	46 1/8	72	55 1/2	29.25	34.00	49.50
% Change	+ 25.0	+ 20.0	+ 23.4	+ 14.3	+ 6.7	+ 15.8	+ 18.4	+ 35.1
Oct. - Dec.								
Average -								
1940 ...	12.75	42 5/8	30 7/8	54 1/4	39 3/4	26.58	31.00	36.50
1941 ...	17.83	54 3/4	43 5/8	68 5/8	53 1/3	29.25	34.00	49.50
% Change.	+ 39.4	+ 28.4	+ 41.3	+ 26.5	+ 34.2	+ 10.0	+ 9.7	+ 35.6
Average -								
1935-39 .	16.06	45 1/8	35 3/8	57 3/4	47 3/4	24.59	28.67	37.12
1941 ..	17.83	54 3/4	43 5/8	68 5/8	53 1/3	29.25	34.00	49.50
% Change.	+ 11.0	+ 21.3	+ 23.3	+ 18.8	+ 11.7	+ 18.9	+ 18.6	+ 33.3

TABLE 5.

Milk Production per Cow, in Pounds per Day,
by Provinces, October to December, 1940 and 1941

Province	Year	Total Cows			Cows Milking		
		October	November	December	October	November	December
CANADA	1940	13.3	12.6	11.8	17.3	17.3	17.2
	1941	14.3	12.6	12.3	18.9	17.1	16.8
Prince Edward Island	1940	10.6	9.2	9.2	13.3	12.4	13.2
	1941	13.7	12.4	12.6	18.0	14.7	17.6
Nova Scotia	1940	13.1	14.1	14.3	16.0	18.5	18.2
	1941	14.7	12.9	12.2	18.4	16.7	15.8
New Brunswick	1940	12.6	13.1	10.7	15.5	15.9	14.8
	1941	15.9	11.4	13.4	19.3	14.4	18.1
Quebec	1940	13.9	11.3	9.7	15.8	14.1	13.8
	1941	14.9	11.9	9.7	17.0	15.4	16.1
Ontario	1940	16.2	14.1	13.1	20.2	18.3	19.2
	1941	16.2	14.5	13.3	20.5	19.3	20.1
Manitoba	1940	12.8	11.9	11.5	17.6	18.4	18.1
	1941	13.2	11.0	10.6	17.5	17.0	17.3
Saskatchewan	1940	12.1	11.3	11.1	17.8	16.9	17.5
	1941	14.1	12.0	9.5	18.7	17.5	15.8
Alberta	1940	11.9	11.7	11.8	19.6	20.6	20.6
	1941	11.4	12.9	11.9	19.2	20.5	20.5
British Columbia ..	1940	16.1	16.4	15.0	20.2	20.7	19.5
	1941	14.3	14.4	17.7	21.8	18.5	18.9

The Creamery Butter Position in Canada,
October to December, 1937 to 1941

	Year	October	November	December	October to December
		Lb.	Lb.	Lb.	Lb.
Stocks in storage at first of the month (including Imported Stocks)	1937	54,187,078	47,763,203	38,045,409	-
	1938	64,625,110	62,465,601	53,047,929	-
	1939	57,013,155	56,391,780	49,429,463	-
	1940	58,416,494	51,728,510	41,788,112	-
	1941	67,827,325	64,127,266	53,620,573	-
Stocks in transit at first of the month	1937	1,030,400	940,800	252,000	-
	1938	593,600	364,000	392,000	-
	1939	604,800	280,000	448,000	-
	1940	716,800	554,400	520,800	-
	1941	705,600	912,800	644,000	-
Production	1937	22,214,378	13,303,205	9,847,206	45,364,789
	1938	23,490,891	14,693,927	11,259,271	49,444,089
	1939	23,788,624	15,407,122	11,905,767	51,101,513
	1940	22,584,330	15,048,984	12,308,237	49,941,551
	1941	24,936,954	14,968,566	12,103,602	52,009,122
Imports	1937	1,418	1,207	5,835	8,460
	1938	598	1,138	722	2,458
	1939	51	88	167	306
	1940	169	303	395	867
	1941	816	301	76	1,193
Exports	1937	1,724,600	1,918,100	82,200	3,724,900
	1938	1,247,200	367,800	185,600	1,800,600
	1939	259,500	248,800	104,600	612,900
	1940	144,800	146,800	115,700	407,300
	1941	120,200	189,100	107,400	416,700
Prices	1937	28 1/8	29 7/8	30 1/8	29 3/8
	1938	22 7/8	22 1/8	21 1/2	22 1/8
	1939	27 3/4	28 1/8	28	28
	1940	27 7/8	30 3/8	35	31 1/8
	1941	33	34 1/4	34 3/8	33 7/8
x Total Disappearance of Creamery Butter (Domestic and Export)	1937	28,729,271	23,711,006	19,793,021	72,233,298
	1938	25,880,598	24,084,737	20,057,870	70,023,205
	1939	24,734,850	22,201,527	20,152,317	67,088,694
	1940	29,434,883	25,028,285	20,818,564	75,281,732
	1941	28,430,629	25,744,360	22,417,577	76,592,566
x Domestic Disappearance of Creamery Butter ...	1937	27,004,617	21,792,906	19,710,821	68,508,398
	1938	24,633,398	23,716,937	19,872,270	68,222,605
	1939	24,475,350	21,952,727	20,047,717	66,475,794
	1940	29,290,083	24,881,485	20,702,864	74,874,432
	1941	28,310,429	25,555,260	22,310,177	76,175,866

x Disappearance figures are calculated on the basis of storage, imported and transit stocks combined.

TABLE 7.

The Cheese Position in Canada
October to December, 1940 and 1941

9.

	Year	October	November	December	October to December
		Lb.	Lb.	Lb.	Lb.
Stocks in storage at first of the month	1940	33,345,562	32,789,283	27,481,893	—
	1941	44,585,257	46,652,779	38,886,145	—
Production during month	1940	15,983,749	5,907,729	1,799,325	23,690,803
	1941	15,243,111	7,643,870	6,123,317	29,010,298
Imports	1940	15,908	39,246	23,259	78,413
	1941	90,448	67,784	85,018	243,250
Exports	1940	15,289,400	9,289,600	3,969,700	28,548,700
	1941	12,826,900	14,174,800	6,240,700	33,242,400
Prices	1940	14	14	14	14
	1941	16	16	16	16
Total Disappearance of Canadian-made Cheese	1940	16,540,028	11,215,119	4,652,139	32,407,286
	1941	13,175,589	15,410,504	10,570,000	39,156,093
Domestic Disappearance	1940	1,250,628	1,925,519	682,439	3,858,586
	1941	348,689	1,235,704	4,329,300	5,913,693

TABLE 8. Production of Concentrated Milk Products in Canada,
October to December, 1940 and 1941
(Thousands)

Commodity	October		November		December		October to December		
	1940	1941	1940	1941	1940	1941	1940	1941	Increase (+) Decrease (-)
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	%
Whole Milk Products—									
Condensed	1,939	2,746	1,417	2,408	1,199	1,637	4,555	6,791	(+) 49.1
Evaporated	9,547	12,227	8,022	9,342	8,558	7,573	26,127	29,142	(+) 11.5
Milk Powder ...	247	740	362	492	294	491	903	1,723	(+) 90.8
Cream Powder ..	2	4	—	—	—	—	2	4	(+) 100.0
Milk By-Products —									
Skim Milk —									
Condensed ...	460	356	434	329	339	384	1,233	1,069	(-) 13.3
Evaporated ...	92	156	52	138	75	148	219	442	(+) 101.8
Powder	2,110	1,611	1,155	1,071	1,417	1,478	4,682	4,160	(-) 11.1
Buttermilk —									
Powder	333	315	219	210	151	208	703	733	(+) 4.3
Condensed ...	100	280	165	16	220	56	485	352	(-) 27.4
Casein	37	80	37	58	37	73	111	211	(+) 90.1
Sugar of Milk ..	16	30	11	20	10	13	37	63	(+) 70.3

Production of Creamery Butter
By Provinces, October to December, 1940 and 1941

TABLE 9.

Province	October		November		December		October to December		Increase(+) Decrease(-)
	1940	1941	1940	1941	1940	1941	1940	1941	
	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	%
CANADA ...	22,584	24,937	15,049	14,969	12,308	12,104	49,941	52,010	(+) 4.1
Prince Edward Island	171	276	107	155	97	120	375	551	(+) 46.9
Nova Scotia ..	398	513	318	348	323	365	1,039	1,226	(+) 18.0
New Brunswick .	245	362	126	148	95	115	466	625	(+) 34.1
Quebec	7,465	8,007	4,577	4,006	2,648	1,938	14,690	13,951	(-) 5.0
Ontario	7,266	7,211	5,086	4,919	4,647	4,475	16,999	16,605	(-) 2.3
Manitoba	2,287	2,528	1,446	1,491	1,339	1,388	5,072	5,407	(+) 6.6
Saskatchewan .	2,237	3,018	1,418	1,775	1,287	1,576	4,942	6,369	(+) 28.9
Alberta	2,051	2,636	1,580	1,839	1,481	1,660	5,112	6,135	(+) 20.0
British Columbia ...	464	386	391	288	391	467	1,246	1,141	(-) 8.4

Production of Factory Cheese
By Provinces, October to December, 1940 and 1941.

TABLE 10.

Province	October		November		December		October to December		Increase(+) Decrease(-)
	1940	1941	1940	1941	1940	1941	1940	1941	
	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	000 Lb.	%
CANADA ...	15,984	15,243	5,908	7,644	1,799	6,123	23,691	29,010	(+) 22.5
Prince Edward Island	84	97	10	43	3	10	97	150	(+) 54.6
New Brunswick .	48	105	-	71	-	48	48	224	(+) 366.7
Quebec	4,459	3,364	935	1,382	323	1,760	5,717	6,506	(+) 13.8
Ontario	10,713	10,964	4,566	5,609	1,155	3,759	16,434	20,332	(+) 23.7
Manitoba	367	315	189	218	131	238	687	771	(+) 12.2
Saskatchewan .	33	48	8	18	1	7	42	73	(+) 73.8
Alberta	230	292	153	251	142	244	525	787	(+) 49.9
British Columbia ...	50	58	47	52	44	57	141	167	(+) 18.4

TABLE 11.

Weather Conditions in Eastern Canada

Based on Records of Representative Stations, October-December, 1940 and 1941.

Station and Year	Inches of Precipitation				Mean Temperature				Hours of Sunshine			
	Oct.	Nov.	Dec.	Total	Oct.	Nov.	Dec.	Average	Oct.	Nov.	Dec.	Total
Charlottetown 1940	3.4	5.3	5.3	14.0	45	37	23	35	141	60	74	275
1941	6.0	3.4	7.1	16.5	46	38	28	37	121	91	35	247
Kentville 1940	2.7	5.5	4.8	13.0	44	38	26	36	143	66	48	257
1941	5.1	4.7	4.4	14.2	47	38	27	37	123	96	57	276
Nappen 1940	2.4	4.8	4.1	11.3	42	36	22	33	131	76	82	289
1941	4.6	3.4	3.4	11.4	44	36	25	35	121	86	52	259
Sydney 1940	2.8	3.2	6.1	12.1	45	38	28	37	-	-	-	-
1941	5.9	4.6	5.8	16.3	44	34	29	36	-	-	-	-
Chatham, N.B. 1940	1.4	5.7	2.3	9.4	41	32	14	29	-	-	-	-
1941	4.5	3.0	2.8	10.3	43	32	21	32	-	-	-	-
Fredericton 1940	1.5	6.3	3.3	11.1	42	33	13	29	161	88	72	321
1941	4.4	3.1	1.9	9.4	44	34	23	34	132	93	88	313
Matspedia 1940	2.4	4.1	3.9	10.4	38	29	10	26	-	-	-	-
1941	6.1	2.8	3.2	12.1	40	28	18	29	-	-	-	-
Lennoxville 1940	2.7	5.8	4.5	13.0	42	33	18	31	149	53	63	265
1941	3.8	2.8	3.8	10.4	43	34	21	33	90	74	62	226
Quebec 1940	3.3	6.2	3.8	13.3	43	31	17	30	147	52	80	279
1941	6.9	4.7	3.4	15.0	44	32	21	32	111	60	68	239
Sherbrooke 1940	2.4	5.4	4.0	11.8	43	33	19	32	156	54	67	277
1941	4.5	2.9	3.5	10.9	44	35	22	34	90	80	55	225
Gore Bay 1940	2.1	4.0	4.0	10.1	45	31	22	33	-	-	-	-
1941	8.6	4.8	4.4	17.8	47	35	23	35	-	-	-	-
Ottawa 1940	1.6	3.8	4.5	9.9	43	31	17	30	147	67	61	275
1941	5.6	3.2	4.1	12.9	45	34	19	33	119	76	84	279
Peterborough 1940	2.0	4.3	3.5	9.8	46	35	24	35	-	-	-	-
1941	5.1	2.8	2.9	10.8	48	38	26	37	-	-	-	-
Kapuskasing 1940	0.8	2.5	2.7	6.0	39	20	10	23	98	29	50	177
1941	3.4	2.1	1.8	7.3	39	24	10	24	65	36	34	135
Chatham, Ont. 1940	2.0	3.1	2.8	7.9	52	38	33	41	124	56	45	225
1941	3.9	1.5	1.6	7.0	55	42	34	44	95	82	46	223
Woodstock, Ont. 1940	2.0	4.6	4.3	10.9	46	36	27	36	156	60	57	273
1941	4.8	2.6	1.9	9.3	51	40	30	40	109	97	51	257

Weather Conditions in Western Canada

Based on Records of Representative Stations, October-December, 1940 and 1941.

Station and Year		Inches of Precipitation				Mean Temperature				Hours of Sunshine			
		Oct.	Nov.	Dec.	Total	Oct.	Nov.	Dec.	Average	Oct.	Nov.	Dec.	Total
Brandon	1940	0.9	0.7	1.2	2.8	47	18	11	25	131	83	72	286
	1941	0.8	1.2	0.1	2.1	41	24	14	26	165	78	93	336
Morden	1940	1.0	1.0	1.0	3.0	49	21	15	28	142	71	69	282
	1941	2.0	0.6	0.6	3.2	44	26	17	29	184	75	81	340
Dauphin	1940	1.6	0.9	1.2	3.7	47	17	11	25	-	-	-	-
	1941	0.2	1.9	0.5	2.6	41	23	13	26	-	-	-	-
Battleford	1940	1.9	1.1	0.4	3.4	44	12	8	21	-	-	-	-
	1941	0.6	0.4	0.2	1.2	41	27	10	26	-	-	-	-
Prince Albert	1940	1.9	2.0	1.4	5.3	43	14	8	21	123	56	67	246
	1941	0.4	1.0	0.3	1.7	40	25	9	25	141	70	74	285
Saskatoon	1940	1.2	1.9	0.5	3.6	46	12	10	23	159	69	90	318
	1941	0.5	0.8	0.3	1.6	42	27	12	27	175	80	112	367
Indian Head	1940	3.2	1.1	0.8	5.1	48	16	13	26	135	-	81	-
	1941	0.2	2.2	0.4	2.8	42	25	13	27	165	75	88	328
Swift Current	1940	0.7	0.6	0.3	1.6	49	16	22	29	155	83	103	341
	1941	0.1	0.9	0.6	1.6	44	31	20	32	195	97	94	386
Beaver Lodge	1940	0.6	1.5	0.5	2.6	42	15	17	25	164	70	69	303
	1941	1.2	0.7	1.1	3.0	42	29	12	28	99	95	79	273
Edmonton	1940	1.9	1.5	0.8	4.2	44	15	15	25	144	63	67	274
	1941	1.2	0.9	0.7	2.8	43	31	12	29	158	109	91	358
Calgary	1940	1.6	0.5	0.3	2.4	45	19	26	30	141	87	98	326
	1941	0.1	-	0.3	0.4	43	34	21	33	167	138	-	-
Cardston	1940	2.2	0.8	0.4	3.4	48	22	28	33	-	-	-	-
	1941	0.1	0.6	1.2	1.9	43	36	25	35	-	-	-	-
Victoria	1940	2.4	3.2	3.3	8.9	53	43	43	46	109	83	79	271
	1941	2.3	3.4	4.4	10.1	52	47	42	47	131	70	91	292
Prince George	1940	2.3	2.5	1.7	6.5	43	20	25	29	129	34	34	197
	1941	2.9	1.9	2.0	6.8	44	33	20	32	64	64	36	164
Agassiz	1940	7.7	4.3	7.0	19.1	54	40	41	45	80	60	51	191
	1941	8.2	7.4	9.2	24.8	52	45	40	46	74	61	61	196
Kamloops	1940	0.5	0.7	0.4	1.6	51	27	32	37	120	82	66	268
	1941	0.9	0.2	0.4	1.5	48	39	31	39	79	84	42	205

TABLE 13.

Stocks of Butter, Cheese and Concentrated Milk Products
Canada Totals, by Months, October to December, 1940 and 1941.

Product	October 1.	November 1.	December 1.	January 1.
	Lb.	Lb.	Lb.	Lb.
Creamery Butter +				
1940 - 1941	59,133,294	52,282,910	42,303,912	33,793,980
1941 - 1942	68,532,925	65,040,066	54,264,573	43,950,674
Dairy Butter +				
1940 - 1941	547,860	419,489	368,414	276,886
1941 - 1942	236,776	208,182	197,558	154,532
Cheese				
1940 - 1941	33,345,562	32,789,283	27,481,893	24,629,079
1941 - 1942	44,585,257	46,652,779	38,886,145	34,439,462
Concentrated Whole Milk Products -				
Condensed Milk -				
1940 - 1941	867,416	1,057,825	1,156,000	1,180,435
1941 - 1942	1,424,913	1,431,394	1,983,398	1,866,529
Evaporated Milk -				
1940 - 1941	27,511,786	26,489,657	19,227,752	11,765,125
1941 - 1942	27,145,085	23,891,613	17,185,201	14,348,667
Milk Powder -				
1940 - 1941	1,714,517	1,405,851	1,092,447	871,907
1941 - 1942	1,078,451	870,439	594,538	669,106
Concentrated Milk By-Products -				
Condensed Skim Milk -				
1940 - 1941	218,079	129,131	123,951	96,827
1941 - 1942	60,601	70,940	92,549	149,818
Evaporated Skim Milk -				
1940 - 1941	11,497	8,954	2,537	9,180
1941 - 1942	/	/	/	/
Skim Milk Powder				
1940 - 1941	4,117,282	4,204,169	3,463,567	3,068,739
1941 - 1942	2,647,078	2,151,219	1,523,981	1,346,368

Source: Annual and Monthly Cold Storage Reports.

+ Butter stocks include butter in transit and stocks of imported butter.

/- Included in Condensed Skim Milk. N.B. The figures for 1941 are subject to revision.

14.

Wholesale Price Indexes of Milk, Butter and Cheese
Averages for Canada, October to December, 1940 and 1941.
Base 1926 = 100

TABLE 14.

	October	November	December	Average October to December
Fresh Milk -				
1940	87.5	91.3	91.6	90.1
1941	97.8	98.0	98.2	98.0
%	(+) 11.8	(+) 7.3	(+) 7.2	(+) 8.8
Butter -				
1940	69.0	76.4	86.0	77.1
1941	82.3	84.6	85.9	84.3
%	(+) 19.3	(+) 10.7	(-) 0.1	(+) 9.3
Cheese -				
1940	69.5	72.7	73.7	72.0
1941	139.7	140.7	117.1	132.5
%	(+) 101.0	(+) 93.5	(+) 58.9	(+) 84.0

Source: Prices and Price Indexes, Dominion Bureau of Statistics.

Retail Price Indexes of Milk, Butter and Cheese
Averages for Canada, October to December, 1940 and 1941
Base 1935-39 = 100

TABLE 15.

	October	November	December	Average October to December
Fresh Milk -				
1940	103.7	104.6	105.5	104.6
1941	110.1	111.0	111.0	110.7
%	(+) 6.2	(+) 6.1	(+) 5.2	(+) 5.8
Butter -				
1940	94.5	106.5	112.9	104.6
1941	127.2	121.7	124.6	124.5
%	(+) 34.6	(+) 14.3	(+) 10.4	(+) 19.0
Cheese -				
1940	108.2	109.4	109.9	109.2
1941	153.5	171.4	171.4	165.4
%	(+) 41.9	(+) 56.7	(+) 56.0	(+) 51.5

Source: Prices and Price Indexes, Dominion Bureau of Statistics.

TABLE 16.

Exports of Dairy Products from Canada
October to December, 1940 and 1941

15.

	Butter	Cheese	Condensed Milk	Milk Powder	Evaporated Milk	Fresh Milk	Cream
	Lb.	Lb.	Lb.	Lb.	Lb.	Gal.	Gal.
October -							
1940	144,800	15,289,400	1,355,700	290,100	3,068,200	84	3
1941	120,200	12,826,900	1,667,400	635,300	2,681,200	450	42
November -							
1940	146,800	9,289,600	692,400	378,600	5,018,600	421	4
1941	189,100	14,174,800	2,772,900	418,000	5,354,200	412	41
December -							
1940	115,700	3,969,700	779,800	292,500	4,971,100	235	-
1941	107,400	6,240,700	2,142,500	258,800	11,003,900	291	7
October to December -							
1940	407,300	28,548,700	2,827,900	961,200	13,057,900	740	7
1941	416,700	33,242,400	6,582,800	1,312,100	19,039,300	1,153	90

TABLE 17.

Imports of Dairy Products into Canada
October to December, 1940 and 1941

	Butter	Cheese	Condensed Milk	Milk Powder	Casein	Fresh Milk and Cream
	Lb.	Lb.	Lb.	Lb.	Lb.	Gal.
October -						
1940	169	15,908	466	5,288	73,944	96
1941	816	90,448	3,590	339	22,696	109
November -						
1940	303	39,246	144	348	196,860	20
1941	301	67,784	559	838	133,585	385
December -						
1940	395	23,259	795	413	80,674	35
1941	76	85,018	36,322	73,690	2,520	21
October to December -						
1940	867	78,413	1,405	6,049	351,478	151
1941	1,193	243,250	40,471	74,867	158,801	515

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