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DAIRY REVIEW OF CANADA

1949

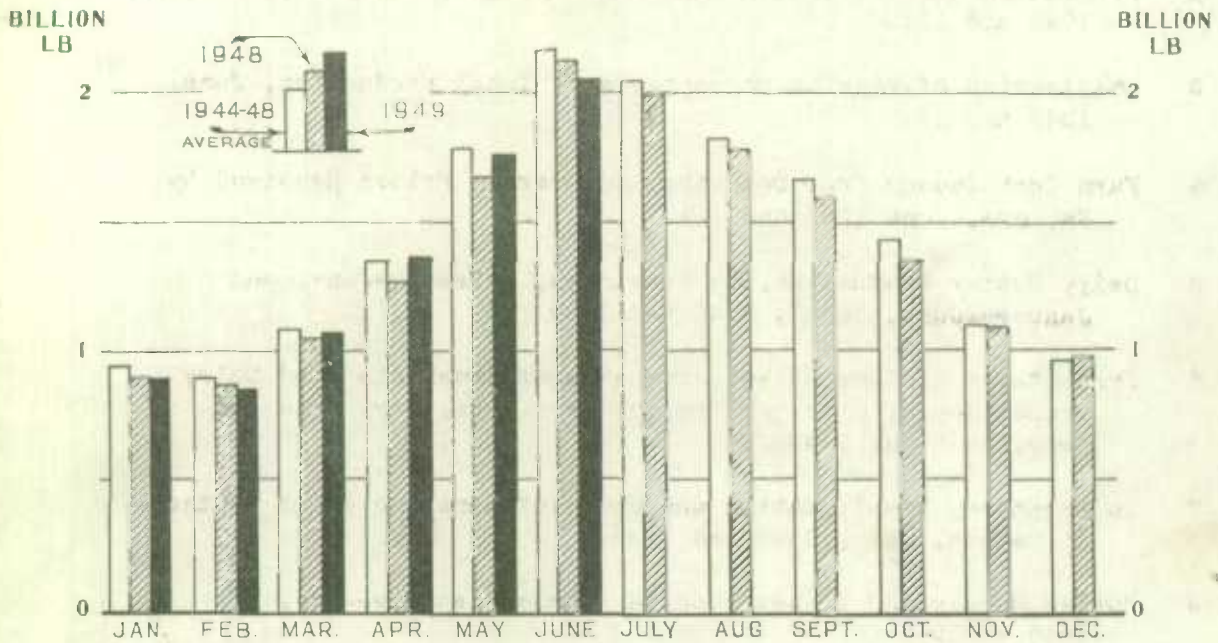


Volume No. X, Report No. 7

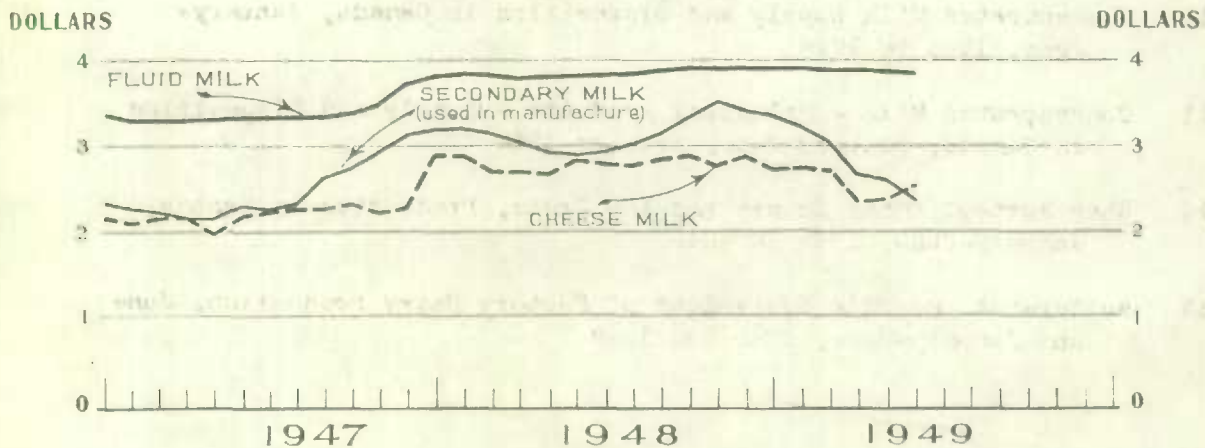
(JULY)

Price \$2.00 per year

TOTAL MILK PRODUCTION IN CANADA



FARM PRICES OF FLUID MILK, SECONDARY MILK AND CHEESE MILK
(DOLLARS PER HUNDRED LB.)



I N D E X

	Page
Text	
The Dairy Situation In July	1
Farm Milk Production, Utilisation and Income in June, 1949	2
Production and Prices of Dairy Products in June, 1949	3
Table 1	
Production and Utilization of Milk, by Provinces, June, 1948 and 1949	4-5
Table 2	
Production and Utilization of Milk, by Provinces, January-June, 1948 and 1949	6-7
Table 3	
Utilization of Milk in Percentages of Total Production, June, 1948 and 1949	8
Table 4	
Farm Cash Income from Dairying and Average Prices Received by Farmers, June 1948 and 1949.	9
Table 5	
Dairy Butter Production, by Provinces, February-June, and January-June, Total, 1948 and 1949	10
Table 6	
Percentages of Cows Milked, Percentages Freshening and Dairy Production of Milk per Cow, by Provinces, May, June and July, 1948 and 1949	11
Table 7	
Temperature, Precipitation and Hours of Sunshine at 22 Stations In Canada, July, 1948 and 1949	12
Table 8	
Butter Supply and Disposition in Canada, January-June, 1945 to 1949	13
Table 9	
Cheese Supply and Disposition in Canada, January-June, 1945 to 1949	14
Table 10	
Concentrated Milk Supply and Disposition in Canada, January-June, 1945 to 1949	15
Table 11	
Concentrated Milk - Principal Products.- Supply and Disposition In Canada, January-June, 1945 to 1949	16
Table 12	
Whey Butter, Other Cheese and Ice Cream, Production in Canada, January-June, 1945 to 1949	17
Table 13	
Butter-fat and Milk Equivalent of Factory Dairy Production, June and January-June, 1948 and 1949	17

THE DAIRY SITUATION IN JULY

Abnormally hot weather across the Dominion in the last half of June continued with little abatement during the month of July. Timely rains relieved drought conditions which had threatened pastures and feed crops in the southern counties of Ontario, and some improvement was also indicated in sections of the Prairie Provinces. However, precipitation on the whole was generally below normal, and it will be seen from Table 7 that the total rainfall in July was below that of the same month of the previous year at 16 out of 22 stations. Lennoxville and Ste. Anne de Bellevue in Quebec together with Brandon, Indian Head, Lacombe and Fort Vermillion in the Prairie Provinces were the only exceptions. Temperatures ranged a few degrees higher than last year and there was considerably more sunshine. Of the 22 stations reporting Swift Current and Scott in Saskatchewan, Lethbridge, Lacombe and Fort Vermillion in Alberta were the only places where the hours of sunshine fell below those of July, 1948.

The intense heat of late June and July had a serious effect on pastures in many sections of the country. Moisture reserves in the Maritime Provinces and northern Ontario arrested the drought conditions to some extent, while the park-belt areas of the Prairie Provinces were also favoured regions. Southern Ontario on the other hand, central, mid-western and south-western sections of the western plains suffered very severely from drought. It will be seen from the table below that the conditions of pastures in Canada at the end of July was 25 per cent below the long-time average and 21 points below that of a year ago. The production of hay and clover, estimated in August at approximately 12 million tons represents a reduction of 26 per cent as compared with the 1948 tonnage.

ESTIMATED TONNAGE OF HAY AND PASTURE CONDITIONS

Province	Hay and Clover Production		Percentage Reduction	Pasture Conditions as Reported at the end of July		Reduction in Points
	August Estimate in Tons	1949		1948	1949	
	'000	'000	%			
CANADA	16,073	11,884	- 26.1	96	75	- 21
P.E.I.	502	428	- 14.7	109	97	- 12
N.S.	814	704	- 13.5	103	88	- 15
N.B.	1,013	816	- 19.4	100	92	- 8
Que.	5,645	5,030	- 10.9	94	81	- 13
Ont.	5,750	3,246	- 43.5	97	62	- 35
Man.	431	295	- 31.6	98	78	- 20
Sask.	443	376	- 15.1	78	64	- 14
Alta.	1,017	599	- 41.1	96	60	- 36
B.C.	458	390	- 14.8	97	93	- 4

The August estimate places the output of oats at approximately 317 million bushels and barley at 127 million. The former fell 41 million bushels from last year while the latter represents a reduction of 28 million bushels as compared with the 1948 harvest.

The milch cow population continued to show a reduction from the previous year. Dairy Correspondents reporting on July 15th indicated a decline of $2\frac{1}{2}$ per cent in the total numbers on farms as compared with those reported at the same date in 1948.

The percentage of cows milked was also slightly reduced, being 79 per cent as compared with 80 per cent a year previous. While fewer cows were reported to be coming into milk in the month following a considerable increase was recorded in the total numbers of milch cows in calf.

In the absence of complete figures of July milk production, it is of interest to observe that the milk equivalent of dairy factory products which normally represents about two-thirds of the total milk supply, amounted to 1,348,000,000 pounds a decline of nearly 61 million pounds from the previous June. Of this amount 72 per cent was used for creamery butter and 17 per cent for cheese. Last year the corresponding figures were 75 per cent and 14 per cent, respectively. This change may be attributed in part to the wider use being made of butter substitutes and a reduction in the quantities used for concentrated products, thus releasing larger quantities of milk for cheese making. While poor pastures have had some effect on milk production in July, this deficiency may be overcome during the late summer and fall months by the use of soiling crops and harvest forage. Prairie farmers who have suffered complete crop failures in drought stricken areas are also using grain fields for pasture purposes. Regardless of the dry weather there was a slight increase in the milk production per cow on the farms of Dairy Correspondents on July 15th as compared with that reported at the same date in 1948.

FARM MILK PRODUCTION, UTILIZATION AND INCOME IN JUNE, 1949

Farm Milk Production: The estimated quantity of milk produced on farms in June amounted to 2,051 million pounds a decrease of 43 million pounds from that of June, 1948. Of this amount, 1,348 million pounds or two-thirds of the total was utilized in factory production. Factory use in June showed a decrease of 61 million pounds from that of June, 1948. During the January-June period of 1949 the estimated production of 8,024 million pounds represents an increase of 190 million pounds over the first six months of 1948. The quantity of milk utilized for factory production in the January-June period amounted to 3,914 million pounds, while fluid sales accounted for 2,058 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 360,836,000 pounds in June, an increase of approximately 8 $\frac{3}{4}$ million pounds in comparison with last year. This included about 299 million pounds of fluid milk, which comprises about 15 per cent of the farm milk supply. Fluid cream sales of 62 million pounds absorbed 3 per cent of the total milk produced.

Dairy Butter: The output of dairy butter in June amounted to 4,396,000 pounds representing a decrease of 629,000 pounds or 13 per cent from the corresponding month in 1948. During the period January-June, the total of 29,632,000 pounds was 5 per cent below the January-June production of 1948. With the exception of Quebec, all Provinces contributed to the decline in June, while only the Western Provinces were responsible for the reduction recorded during the six-month period.

Farm Cash Income: Cash income from the sale of dairy products in June, amounting to \$42,588,000 represented a reduction of approximately \$7,707,000 from last year. The weighted average price of \$2.48 per hundred pounds of milk may be compared with \$2.79 in the corresponding month of 1948. All prices showed a decrease except fluid milk. Fluid milk at \$3.84 per hundred represented an advance of 3 cents per hundred above that of June, 1948. Fluid cream decreased 33 cents per hundred pounds of milk and butter-fat used in the production of creamery butter fell from 71.2 cents to 59.2 cents per pound. Milk for concentration declined 53 cents per hundred pounds of milk, cheese milk was reduced by 29 cents and milk used in ice cream declined 43 cents per hundred as compared with the prices recorded in June, 1948.

PRODUCTION AND PRICES OF DAIRY PRODUCTS IN JUNE, 1949

Butters: Total butter production including creamery $1\frac{1}{2}$, dairy and whey butter amounted to 46 million pounds in June, 1949. This was $4\frac{1}{4}$ million pounds or approximately 8 per cent less than that produced in the same month of the previous month.

Stock Holdings: Holdings of butter in store and transit on June 1 amounted to $23\frac{3}{4}$ million pounds, approximately 12 million pounds more than last year. On July 1, the stock holdings were $42\frac{1}{4}$ million pounds as compared with 31 million pounds a year ago.

The Butter Supply: The quantity of butter represented by stocks on June 1 and production during the month amounted to $69\frac{3}{4}$ million pounds. This was a gain of approximately $7\frac{1}{4}$ million pounds over last year.

Domestic Disappearance: The domestic disappearance of butter in June, including creamery, dairy and whey butter, amounted to $27\frac{1}{2}$ million pounds, a decline of $3\frac{1}{2}$ million pounds or 11.3 per cent. On a per capita basis the domestic disappearance amounted to 2.11 pounds as against 2.41 pounds a year ago. The use of butter substitute explains, of course, the decline in the domestic disappearance of butter during the first half of 1949.

Butter Prices at Montreal: Butter prices at Montreal, based on quotations of the Canadian Commodity Exchange for first grade solids, averaged 58 cents per pound in June as against 65- $\frac{1}{8}$ cents last year.

Cheese Production: Cheese production including cheddar, farm-made cheese and factory cheese other than cheddar, amounted to $20\frac{1}{2}$ million pounds, representing an increase of about $2\frac{1}{4}$ million pounds as compared with that produced in the same month of the previous year.

Cheese Prices: The Montreal price of Ontario white cheese averaged 31 $\frac{1}{8}$ cents per pound in June. The comparative price in 1948 was 33 $\frac{7}{8}$ cents.

Concentrated Milk Products: The total quantity of concentrated milk products manufactured in June was approximately $49\frac{3}{4}$ million pounds, a decrease of 7 million pounds as compared with last year. Concentrated whole milk products declined almost 7 million pounds while milk by-products registered an increase of about $\frac{1}{4}$ million pounds. Evaporated milk, one of the most important of the whole milk products, showed a decline of $4\frac{1}{2}$ million pounds and the production of skim milk powder, the leading skim milk product, declined $\frac{3}{4}$ million pounds.

Ice Cream: The quantity of ice cream manufactured in June was approximately $3\frac{1}{2}$ million gallons or 199 thousand gallons more than that produced a year ago.

$1\frac{1}{2}$ Creamery butter production data, by provinces, will be found in the "Monthly Report of Dairy Factory Production".

TABLE 1 - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,
JUNE 1948 AND 1949

SECTION A

		Total Milk 1/ Production	Factory Production				Farm-Made Dairy Butter
			Creamery Butter	Factory Cheese	Conc. Milk	Ice Cream	
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	2,094,595	1,050,155	203,922	106,426	48,313	117,736
	1949	2,051,255	966,816	229,009	87,956	64,440	102,998
P.E.I.	1948	21,874	13,589	1,270	-	257	1,546
	1949	25,562	16,893	1,415	-	324	703
N.S.	1948	43,885	19,423	-	x/	2,572	5,904
	1949	45,110	20,080	-	x/	4,176	4,873
N.B.	1948	55,783	29,194	1,604	-	1,543	10,848
	1949	57,478	28,866	1,972	-	1,944	10,216
Que.	1948	647,843	390,437	35,715	33,787	10,017	15,511
	1949	645,531	352,856	53,706	30,949	14,256	17,643
Ont.	1948	700,138	255,809	155,258	60,098	18,634	14,878
	1949	685,261	232,051	164,286	41,345	26,208	13,800
Man.	1948	151,366	93,392	5,181	x/	3,158	12,324
	1949	146,064	90,182	2,740	-	4,014	11,832
Sask.	1948	217,374	123,078	769	-	3,115	32,451
	1949	198,004	110,683	947	-	3,672	21,415
Alta.	1948	190,371	111,878	4,125	x/	3,915	20,314
	1949	178,953	102,717	3,943	x/	4,428	19,400
B.C.	1948	61,137	13,355	xx/	xx/	5,102	3,960
	1949	64,191	12,488	xx/	xx/	5,418	3,116

1/ Includes farm-made cheese not shown in this statement; but excludes cheese and concentrated milk products which do not appear separately by Provinces (see footnote "x" below). These products are included in the total for Canada.

x/ Since less than three reports were received, data are shown for Canada only.

xx/ Less than three reports received, but since two products manufactured in British Columbia are represented by reports from less than three firms, complete statistics are included in the Total Milk Production in Section (A) and the Total Factory Production in Section (B) for this Province as well as for Canada.

TABLE 1 - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,
JUNE 1948 AND 1949

SECTION B

		Milk Otherwise Used				Recapitulation		
		Fluid Milk	Fluid 1/ Cream	Farm-Home Consumed	Fed to Livestock	Factory 2/ Production	Farm 3/ Production	Otherwise Used
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	
CANADA	1948	291,318	60,740	139,961	75,318	1,408,816	118,442	567,337
	1949	298,688	62,148	155,135	83,369	1,348,221	103,694	599,340
P.E.I.	1948	1,537	209	2,350	1,115	15,116	1,547	5,211
	1949	1,506	199	3,210	1,311	18,632	704	6,226
N.S.	1948	9,361	1,173	3,786	1,638	21,995	5,932	15,958
	1949	9,408	940	4,209	1,397	24,256	4,900	15,954
N.B.	1948	5,618	777	4,992	1,204	32,341	10,851	12,591
	1949	5,927	846	5,460	2,243	32,782	10,220	14,476
Que.	1948	95,999	21,185	26,082	19,082	469,956	15,539	162,348
	1949	99,263	21,312	33,385	22,134	451,767	17,670	176,094
Ont.	1948	119,607	17,859	42,697	15,153	489,799	15,023	195,316
	1949	121,760	17,752	50,104	17,812	463,890	13,943	207,428
Man.	1948	12,912	3,922	12,920	7,445	101,731	12,436	37,199
	1949	13,209	4,118	12,216	7,643	96,936	11,942	37,186
Sask.	1948	11,827	3,455	25,172	17,373	126,962	32,585	57,827
	1949	11,969	3,486	29,533	16,167	115,302	21,547	61,155
Alta.	1948	16,791	4,819	18,375	9,943	119,918	20,525	49,928
	1949	17,362	5,339	13,644	11,912	111,088	19,608	48,257
B.C.	1948	17,666	7,341	3,587	2,365	26,174	4,004	30,959
	1949	18,284	8,156	3,374	2,750	28,467	3,160	32,564

1/ Cream expressed as milk.

2/ Statistics for the separate provinces shown under this caption do not include data for products manufactured in those provinces indicated by foot-note "x" in section (A).

3/ Includes farm-made cheese, not separately shown in section (A).

TABLE 2. - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,

January - June 1948 and 1949

Section A

	Total Milk ^{1/} Production	Factory Production				Farm-Made Dairy Butter
		Creamery Butter	Factory Cheese	Conc. Milk	Ice Cream	
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA 1948	7,833,519	2,855,322	395,165	361,156	159,717	730,549
1949	8,023,913	2,888,591	474,808	354,629	196,066	694,278
P.E.I. 1948	69,843	32,263	1,682	-	772	6,982
1949	88,255	43,064	1,816	-	959	8,530
N.S. 1948	197,582	65,159	-	x/	8,559	27,249
1949	202,265	66,308	-	x/	12,918	29,146
N.B. 1948	210,048	65,792	3,220	-	5,259	61,503
1949	235,505	74,111	3,877	-	6,319	68,087
Que. 1948	2,045,143	828,203	53,004	89,351	30,765	104,452
1949	2,218,329	874,104	86,030	104,442	36,462	133,598
Ont. 1948	2,698,795	838,091	306,295	214,726	64,576	122,773
1949	2,789,219	851,775	358,157	188,471	78,212	129,943
Man. 1948	583,418	277,083	15,231	x/	10,331	76,851
1949	559,952	263,048	8,915	x/	13,515	70,923
Sask. 1948	887,388	358,784	947	-	9,831	193,789
1949	822,853	333,079	2,173	-	12,058	137,347
Alta. 1948	801,975	338,025	14,786	x/	12,261	118,932
1949	756,665	330,526	13,840	x/	15,459	100,397
B.C. 1948	323,369	51,922	xx/	xx/	17,363	18,018
1949	332,678	52,576	xx/	xx/	20,164	16,307

^{1/} Includes farm-made cheese not shown in this statement; but excludes cheese and concentrated milk products which do not appear separately by Provinces (see footnote "x" below). These products are included in the total for Canada.

x/ Since less than three reports were received, data are shown for Canada only.

xx/ Less than three reports received, but since two products manufactured in British Columbia are represented by reports from less than three firms, complete statistics are included in the Total Milk Production in Section (A) and the Total Factory Production in Section (B) for this Province as well as for Canada.

TABLE 2. - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES

January - June 1948 and 1949

Section B

		Milk Otherwise Used				Recapitulation		
		Fluid Milk	Fluid ^{1/} Cream	Farm-Home Consumed	Fed to Livestock	Factory ^{2/} Production	Farm ^{3/} Production	Otherwise Used
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	1,702,608	336,647	801,653	486,625	3,771,360	734,626	3,327,533
	1949	1,724,956	333,506	832,170	520,890	3,914,094	698,295	3,411,524
P.E.I.	1948	10,195	1,258	11,345	5,340	34,717	6,988	28,138
	1949	9,709	1,172	16,320	6,679	45,839	8,536	33,880
N.S.	1948	58,238	6,192	24,497	7,528	73,718	27,409	96,455
	1949	57,857	5,495	23,272	7,112	79,226	29,303	93,736
N.B.	1948	34,244	4,215	27,497	8,296	74,271	61,525	74,252
	1949	35,343	4,002	31,959	11,783	84,307	68,111	83,087
Que.	1948	548,369	102,337	168,701	119,795	1,001,323	104,618	939,202
	1949	555,306	101,281	174,504	152,440	1,101,038	133,760	983,531
Ont.	1948	688,088	102,225	237,105	124,070	1,423,688	123,619	1,151,488
	1949	696,305	103,342	271,441	110,735	1,476,615	130,779	1,181,825
Man.	1948	72,543	23,035	67,451	40,245	302,645	77,499	203,274
	1949	74,039	22,915	65,769	40,190	285,478	71,561	202,913
Sask.	1948	69,089	22,304	150,152	81,712	369,562	194,569	323,257
	1949	68,781	20,425	150,302	97,918	347,310	138,117	337,426
Alta.	1948	102,280	31,718	97,085	85,649	365,072	120,171	316,732
	1949	107,353	32,087	78,431	77,357	359,825	101,612	295,228
B.C.	1948	119,562	43,363	17,820	13,990	110,406	18,228	194,735
	1949	120,263	42,787	20,172	16,676	116,264	16,516	199,898

^{1/} Cream expressed as milk.

^{2/} Statistics for the separate provinces shown under this caption do not include data for products manufactured in those provinces indicated by foot-note "x" in section (A).

^{3/} Includes farm-made cheese, not separately shown in section (A).

Table 3.- UTILIZATION OF MILK IN PERCENTAGES OF TOTAL MILK PRODUCTION
IN CANADA, BY PROVINCES, June 1948 and 1949.

Province	Year	Used in Manufacture				Fluid Sales	Used on Farms	
		Creamery Butter	Factory Cheese	Conc. Milk & Ice Cream	Total		Dairy Butter	Other Purposes
		%	%	%	%	%	%	%
CANADA	1948	50.14	9.73	7.39	67.26	16.81	5.62	10.31
	1949	47.13	11.17	7.43	65.73	17.59	5.02	11.66
P. E. I.	1948	62.12	5.81	1.17	69.10	7.98	7.07	15.85
	1949	66.09	5.54	1.27	72.90	6.67	2.75	17.70
N. S.	1948	44.26	-	5.86	50.12	24.00	13.45	12.43
	1949	44.51	-	9.26	53.77	22.94	10.80	12.49
N. B.	1948	52.33	2.88	2.77	57.98	11.46	19.45	11.11
	1949	50.22	3.43	3.38	57.03	11.78	17.78	13.41
QUE.	1948	60.27	5.51	6.76	72.54	18.09	2.39	6.98
	1949	54.66	8.32	7.00	69.98	18.68	2.73	8.61
ONT.	1948	36.54	22.18	11.24	69.96	19.63	2.13	8.28
	1949	33.86	23.97	9.86	67.69	20.36	2.02	9.93
MAN.	1948	61.70	3.42	2.09	67.21	11.12	8.14	13.53
	1949	61.74	1.88	2.75	66.37	11.86	8.10	13.67
SASK.	1948	56.62	0.35	1.43	58.40	7.03	14.93	19.64
	1949	55.90	0.48	1.85	58.23	7.80	10.82	23.15
ALTA.	1948	58.77	2.17	2.06	63.00	11.35	10.67	14.98
	1949	57.40	2.20	2.47	62.07	12.69	10.84	14.40
B. C.	1948	25.00	x/	9.55	34.55	46.81	7.41	11.23
	1949	23.29	x/	10.10	33.39	49.30	5.81	11.50

x/ Less than three reports received - Included in Canada total.

Table 4.- FARM CASH INCOME FROM DAIRYING AND PRICE AVERAGES PER HUNDRED POUNDS OF MILK, BY PROVINCES AND BY PRODUCTS, June 1948 and 1949.

	Income		Price		Income		Price	
	1948	1949	1948	1949	1948	1949	1948	1949
	TOTAL INCOME				(1) FLUID SALES (Milk only)			
	\$'000	\$'000	¢	¢	\$'000	\$'000	¢	¢
CANADA	50,295	42,588	2.79	2.48	11,096	11,472	3.81	3.84
P.E.I.	450	463	2.63	2.27	52	53	3.34	3.54
N.S.	1,081	932	2.94	2.66	357	382	3.81	4.06
N.B.	1,301	998	2.82	2.39	229	241	4.07	4.07
QUE.	17,038	14,491	2.84	2.51	3,706	3,812	3.86	3.84
ONT.	18,210	15,682	2.89	2.60	4,545	4,712	3.80	3.87
MAN.	3,080	2,492	2.52	2.17	483	477	3.74	3.61
SASK.	3,624	2,800	2.47	2.13	412	410	3.48	3.42
ALTA.	3,677	3,000	2.55	2.23	626	653	3.73	3.76
B.C.	1,694	1,730	3.23	3.10	686	733	3.88	4.01
	(2) FLUID CREAM				(3) MILK FOR CONCENTRATION			
CANADA	1,618	1,450	2.66	2.33	3,081	2,079	2.89	2.36
P.E.I.	5	5	2.65	2.68	-	-	-	-
N.S.	32	23	2.78	2.44	x/	x/	x/	x/
N.B.	23	25	3.00	3.03	-	-	-	-
QUE.	553	492	2.61	2.31	990	727	2.93	2.35
ONT.	484	382	2.71	2.15	1,665	943	2.77	2.28
MAN.	93	76	2.38	1.84	x/	-	x/	-
SASK.	81	78	2.34	2.23	-	-	-	-
ALTA.	111	107	2.29	2.00	x/	x/	x/	x/
B.C.	236	261	3.22	3.20	x/	x/	x/	x/
	(4) CHEESE MILK				(5) ICE CREAM MILK			
CANADA	5,782	5,824	2.83	2.54	1,415	1,608	2.93	2.50
P.E.I.	34	32	2.69	2.28	7	8	2.80	2.48
N.S.	-	-	-	-	83	114	3.23	2.72
N.B.	43	49	2.69	2.49	49	52	3.16	2.66
QUE.	989	1,331	2.77	2.48	303	359	3.02	2.52
ONT.	4,469	4,235	2.88	2.58	551	640	2.96	2.44
MAN.	122	60	2.36	2.17	76	82	2.40	2.06
SASK.	20	22	2.60	2.37	82	84	2.64	2.30
ALTA.	105	95	2.54	2.40	108	105	2.77	2.36
B.C.	x/	x/	x/	x/	156	164	3.06	3.03
	(6) CREAMERY BUTTER-FAT				(7) DAIRY BUTTER			
	\$'000	\$'000	¢	¢	\$'000	\$'000	¢	¢
CANADA	26,162	20,029	71.2	59.2	1,141	243	65.8	56.9
P.E.I.	345	363	72.4	61.4	7	2	64.0	57.0
N.S.	489	401	72.0	57.0	120	12	66.0	58.0
N.B.	734	579	71.8	57.3	223	52	70.0	57.0
QUE.	10,111	7,656	74.0	62.0	386	114	67.0	58.0
ONT.	6,410	4,763	71.6	58.65	86	7	68.0	58.0
MAN.	2,210	1,789	67.6	56.7	96	8	63.0	55.0
SASK.	2,911	2,196	67.6	56.7	118	10	61.0	54.0
ALTA.	2,654	2,022	67.8	56.25	73	18	60.0	54.0
B.C.	298	260	63.8	59.4	32	20	62.0	54.0

x/ Less than three reports received - Included in Canada total.

DAIRY BUTTER

Table 5 - Production by Provinces and by Months, February to June and January to June total
1948 and 1949

		February	March	April	May	June	January to June
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	4,525	4,893	6,269	5,695	5,025	31,180
	1949	4,525	5,486	5,481	4,820	4,396	29,632
P.E.I.	1948	33	39	50	70	66	298
	1949	62	63	76	78	30	364
N.S.	1948	156	152	193	272	252	1,163
	1949	223	216	179	226	208	1,244
N.B.	1948	368	422	484	475	463	2,625
	1949	479	580	539	501	436	2,906
Que.	1948	380	629	1,125	835	662	4,458
	1949	557	1,225	1,286	810	753	5,702
Ont.	1948	940	855	990	973	635	5,240
	1949	968	1,094	1,083	736	589	5,546
Man.	1948	545	555	598	574	526	3,280
	1949	477	529	507	537	505	3,027
Sask.	1948	1,231	1,406	1,745	1,478	1,385	8,271
	1949	951	961	1,067	1,088	914	5,862
Alta.	1948	769	734	964	858	867	5,076
	1949	700	721	627	702	828	4,285
B.C.	1948	103	101	120	160	169	769
	1949	108	97	117	142	133	696

TABLE 6 - PERCENTAGE OF COWS MILKED, COWS FRESHENING, AND DAILY PRODUCTION OF MILK PER COW, MAY, JUNE AND JULY 1948 AND 1949

Province	Year	Percentage of Cows Milked ^{1/}			Percentage of Cows Freshening ^{1/}		
		May	June	July	May	June	July
CANADA	1948	74.6	79.2	80.4	8.1	7.2	4.4
	1949	73.3	78.1	79.0	13.4	8.5	5.5
P.E.I.	1948	64.8	75.9	92.5	13.3	10.0	3.5
	1949	67.0	75.7	80.0	16.8	16.5	11.6
N.S.	1948	74.2	72.9	76.9	7.2	7.5	4.3
	1949	71.2	72.4	76.0	10.0	10.1	7.3
N.B.	1948	79.5	82.6	87.2	6.4	6.1	4.1
	1949	73.7	81.4	88.7	14.5	13.9	7.1
Que.	1948	78.0	85.0	87.2	10.4	8.6	3.4
	1949	75.9	82.1	84.8	19.4	9.4	5.0
Ont.	1948	73.1	76.0	76.4	7.5	6.6	4.8
	1949	72.4	76.1	75.9	10.6	7.1	5.2
Man.	1948	75.2	80.0	80.2	7.9	7.7	4.8
	1949	71.3	75.5	75.2	10.5	8.8	6.4
Sask.	1948	74.3	79.8	74.9	7.5	9.2	4.9
	1949	69.2	73.9	74.9	14.9	11.1	7.4
Alta.	1948	71.1	74.7	79.4	6.0	5.3	4.0
	1949	73.2	77.2	75.0	10.7	9.0	5.3
B.C.	1948	75.6	81.8	76.8	6.5	6.8	6.0
	1949	80.6	80.1	80.0	7.5	6.1	5.7
Province	Year	Daily Production of Milk Per Cow (Based on All Cows) ^{1/}			Daily Production of Milk Per Cow (Based on Cows actually milked)		
		May	June	July	May	June	July
CANADA	1948	19.1	22.6	21.2	25.6	28.9	26.2
	1949	20.3	23.4	21.4	27.8	30.0	27.1
P.E.I.	1948	15.3	22.2	25.8	23.6	28.6	27.9
	1949	17.2	23.9	25.3	25.7	31.3	31.6
N.S.	1948	15.7	18.8	17.9	21.1	24.6	23.4
	1949	17.1	20.4	19.4	24.0	28.2	25.6
N.B.	1948	18.8	23.1	22.7	23.7	28.0	26.0
	1949	17.9	22.4	23.5	24.3	27.5	26.5
Que.	1948	18.1	24.0	22.0	23.2	28.0	25.2
	1949	19.0	23.1	21.6	25.1	28.1	25.5
Ont.	1948	21.1	23.7	21.0	28.8	31.6	27.5
	1949	22.4	24.8	22.1	31.0	32.6	29.1
Man.	1948	17.3	22.6	19.6	23.0	28.2	24.5
	1949	19.1	21.6	19.0	26.8	28.7	25.3
Sask.	1948	18.4	21.3	19.5	24.8	28.0	26.0
	1949	18.7	21.1	20.3	27.1	28.6	27.1
Alta.	1948	16.7	20.7	21.6	23.5	27.6	27.2
	1949	21.0	23.1	20.4	28.7	30.0	27.3
B.C.	1948	21.2	20.2	19.9	28.0	26.7	25.9
	1949	23.6	23.0	20.9	29.2	28.8	26.2

^{1/} Cows and heifers two years and over kept mainly for milking purposes.

Table 7.- TEMPERATURE PRECIPITATION AND SUNSHINE AT TWENTY-TWO STATIONS IN CANADA, July 1948 and 1949.

Weather Station	Mean Temperature		Total Precipitation		Bright Sunshine	
	1948	1949	1948	1949	1948	1949
	Degrees	Degrees	Inches	Inches	Hours	Hours
Charlottetown	66	68	3.41	1.70	243	274
Nappan	65	66	2.72	1.42	246	272
Kentville	66	69	2.52	0.48	247	287
Fredericton	67	68	4.47	2.11	266	273
Lennoxville	67	70	2.22	5.12	208	302
Ste. Anne	66	68	2.69	3.70	253	292
L'Assomption	69	71	3.01	2.54	290	318
Ottawa	69	72	2.97	2.78	300	310
Kapuskasing	64	66	4.75	1.88	231	253
Morden	68	69	5.71	2.21	247	270
Brandon	67	66	2.89	4.13	222	255
Indian Head	65	63	1.24	3.00	240	253
Swift Current	66	65	2.85	1.91	347	295
Scott	65	63	3.00	2.31	324	306
Melfort	67	63	1.77	1.72	265	277
Lethbridge	63	64	2.02	0.96	338	309
Lacombe	61	61	4.41	5.55	320	278
Beaverlodge	60	59	3.88	1.84	272	284
Fort Vermilion	64	61	2.17	2.18	318	301
Agassiz	64	62	2.88	2.48	164	202
Summerland	66	67	1.93	1.34	287	304
Saanichton	60	60	1.77	0.99	271	301

BUTTER

Table 8 - Supply and Disposition in Canada, January to June, 1945 to 1949

	February	March	April	May	June	Jan-June
Year	(A) Total Butter Production '000 lb.					
1945	15,117	20,019	25,721	37,831	50,221	164,594
1946	13,307	17,278	24,420	37,269	48,381	154,694
1947	13,437	17,787	25,496	36,943	49,583	157,597
1948	12,575	16,326	24,535	36,344	50,138	153,675
1949	12,975	17,505	25,400	37,130	45,985	153,636
	(B) Stocks First of Month-'000 lb. 1/					
1945	30,826	20,807	13,621	12,816	19,751	40,263
1946	23,011	9,997	5,450	6,872	18,363	40,088
1947	32,016	24,222	15,419	11,327	24,046	42,861
1948	31,697	19,058	8,439	5,394	11,900	30,896
1949	27,876	18,906	12,881	13,674	23,839	42,133
	(C) Imports - lb. 2/					
1945	1,964	-	48	294	60	2,996
1946	30	-	25,303	21	-	25,596
1947	4,110,376	1,008,000	-	-	-	5,118,376
1948	-	572	210	49	1,769	2,657
1949	-	-	-	985	600	1,121,585
	(D) Exports - '000 lb. 2/					
1945	431	544	546	434	516	2,687
1946	258	364	187	213	205	1,530
1947	272	325	154	511	558	2,240
1948	94	147	74	76	80	542
1949	102	52	5	101	147	440
	(E) Domestic Disappearance - '000 lb.					
1945	24,708	26,660	25,979	30,463	29,193	162,894
1946	26,063	21,461	22,836	25,565	26,451	149,601
1947	25,069	27,272	29,435	23,714	30,211	161,895
1948	25,120	26,799	27,506	29,762	31,064	166,212
1949	21,842	23,478	24,602	26,864	27,545	150,213
	(F) Domestic Disappearance Per Capita - lb.					
1945	2.11	2.28	2.22	2.61	2.50	13.93
1946	2.12	1.75	1.86	2.08	2.16	12.19
1947	1.99	2.17	2.34	1.88	2.40	12.86
1948	1.95	2.08	2.13	2.31	2.41	12.89
1949	1.67	1.80	1.88	2.06	2.11	11.50

Note: Data shown in this table are based on production and stocks of Creamery, Dairy and Whey Butter. Stocks include shipments in transit.

1/ Stocks shown under the caption "Jan-June" represent holdings at the end of the period, July 1.

2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

CHEESE

Table 9 - Supply and Disposition in Canada, January to June, 1945 to 1949

	February	March	April	May	June	Jan-June
Year	(A) Total Cheese Production-'000 lb.					
1945	2,238	4,145	10,540	22,721	33,117	75,560
1946	1,560	3,041	7,814	17,540	28,521	60,378
1947	1,669	2,872	6,584	14,100	23,404	50,674
1948	1,077	1,863	3,714	9,819	18,409	36,030
1949	795	1,506	5,194	14,018(x)	20,624(x)	42,994(x)
	(B) Stocks First of Month-'000 lb.					
1945	32,499	24,254	21,484	25,926	41,572	65,990
1946	24,368	20,104	18,173	21,306	32,266	51,616
1947	23,428	20,192	18,953	19,690	26,791	41,941
1948	26,933	25,029	22,530	22,247	27,432	41,404
1949	31,276	27,866	24,663	25,182	34,600	37,899
	(C) Imports - lb. 2/					
1945	6,573	60,104	18,569	63,373	18,714	223,521
1946	87,361	58,531	61,853	124,294	94,159	580,224
1947	216,959	95,768	105,561	129,450	89,444	708,027
1948	38,483	36,689	38,069	91,110	80,041	410,119
1949	169,469	155,802	116,687	222,751	199,812	1,013,595
	(D) Exports-'000 lb. 2/					
1945	3,833	8,246	2,411	1,694	207	21,751
1946	5,568	232	267	303	265	15,967
1947	39	688	126	215	147	3,334
1948	253	306	167	216	85	6,165
1949	34	32	1,597	2,539	8,333	12,590
	(E) Domestic Disappearance - '000 lb.					
1945	6,657	(xx)	3,705	5,444	8,511	28,350
1946	344	4,799	4,476	6,401	9,000	27,118
1947	5,083	3,519	5,827	6,913	8,196	31,785
1948	2,766	4,093	3,868	4,451	4,379	19,481
1949	4,340	4,833	4,647	2,284	9,192	29,629

Note: Data shown in this table are based on production and stocks of Cheddar Cheese, Farm-made cheese and Factory Cheese other than Cheddar. Stock holdings include shipments in transit on the first of the month.

(x) Since less than three firms reported, British Columbia data are not included.

(xx) Owing to monthly exports and stocks being greater than the total supply, disappearance data are not shown for month indicated. Adjustments are made, however, in the cumulative data for the January-June period.

1/ Stocks shown under the caption "Jan-June" represent holdings at the end of the period, July 1.

2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

CONCENTRATED MILK

Table 10. - Supply and Disposition in Canada, June and January-June, 1945 to 1949

	Whole Milk Products		Milk By-Products		Total	
	June	Jan-June	June	Jan-June	June	Jan-June
(A) Production - '000 lb.						
1945	33,663	129,140	8,082	27,433	41,745	156,573
1946	34,643	124,521	8,985	28,960	43,628	153,481
1947	35,560	126,191	11,257	37,054	46,817	163,245
1948	43,324	140,999	13,423	39,350	56,747	180,349
1949	36,217	141,532	13,627	46,400	49,844	187,932
(B) Stocks First of Month-'000 lb.						
		1/		1/		1/
1945	46,658	54,022	8,120	10,463	54,778	64,485
1946	22,711	34,145	3,451	5,479	26,162	39,624
1947	34,694	31,463	7,391	10,586	42,085	42,049
1948	18,844	30,980	10,466	13,802	29,310	44,782
1949	45,763	59,342	15,668	20,490	61,431	79,832
(C) Imports - lb. 2/						
1945	14,885	33,787	2,841	50,172	17,726	83,959
1946	37,268	59,078	2,003	86,723	39,271	145,801
1947	6,684	71,402	31,530	137,730	38,214	209,132
1948	1,670	2,632	-	2,890	1,670	5,522
1949	2,195	6,388	2,218	27,795	4,413	34,183
(D) Exports - '000 lb. 2/						
1945	6,011	33,557	-	500	6,011	34,057
1946	5,748	20,353	26	1,782	5,774	22,135
1947	8,480	21,368	590	2,173	9,070	23,541
1948	7,391	17,486	2,262	7,390	9,653	24,876
1949	3,261	19,062	1,518	5,965	4,779	25,027
(E) Domestic Disappearance-'000 lb.						
1945	20,304	88,564	5,742	21,800	26,046	110,364
1946	17,499	96,765	6,933	26,042	24,432	122,807
1947	30,318	99,948	7,504	29,138	37,822	129,086
1948	23,799	106,184	7,825	27,805	31,624	133,989
1949	20,379	97,944	6,565	28,958	26,944	126,902

1/ Stocks shown under the captions "Jan-June" represent holdings at the end of the period, July 1.

2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

CONCENTRATED MILK - PRINCIPAL PRODUCTS

Table 11. - Supply and Disposition, June and January-June, 1945 to 1949

	Condensed Whole Milk		Condensed Skim Milk		Casein	
	June	Jan-June	June	Jan-June	June	Jan-June
Production - '000 lb.						
1945	2,410	15,154	466	2,175	667	1,828
1946	3,690	14,544	314	1,426	720	1,694
1947	3,143	12,831	420	2,331	1,056	2,899
1948	4,389	14,877	495	2,568	1,046	2,250
1949	2,304	12,555	482	1,654	514	1,559
	Evaporated Whole Milk		Whole Milk Powder		Skim Milk Powder	
(A) Production - '000 lb.						
1945	29,461	104,949	1,637	8,132	5,642	19,094
1946	29,108	101,585	1,592	7,230	6,575	21,424
1947	29,933	103,895	2,169	8,299	8,153	25,866
1948	36,486	115,457	1,889	8,617	10,163	28,375
1949	32,109	120,123	1,407	7,284	9,429	32,492
(B) Stocks First of Month - '000 lb.						
1945	39,931	1/ 46,379	2,802	1/ 3,519	5,463	1/ 6,890
1946	19,577	28,848	1,307	2,527	2,051	3,748
1947	30,615	25,710	2,331	2,766	5,313	7,782
1948	14,936	26,202	2,174	2,367	6,817	9,850
1949	40,481	54,313	3,322	3,681	13,383	18,020
(C) Exports - '000 lb. 2/						
1945	4,356	22,835	312	1,264	-	500
1946	3,434	10,805	340	1,961	5	863
1947	5,767	10,599	570	1,541	590	2,148
1948	2,336	6,582	566	2,027	1,729	5,753
1949	1,285	6,740	272	2,433	1,221	4,649
(D) Domestic Disappearance - '000 lb.						
1945	18,657	75,397	623	6,076	4,215	15,000
1946	16,403	84,293	65	3,858	4,873	18,636
1947	29,071	88,640	1,164	5,657	5,094	18,630
1948	22,884	92,117	1,130	5,847	5,401	17,842
1949	17,992	87,797	777	4,090	3,571	17,724

1/ Stocks shown under the captions "Jan-June" represent holdings at the end of the period, July 1.

2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

WHEY BUTTER, OTHER CHEESE AND ICE CREAM

Table 12. - Production in Canada, January to June, 1945 to 1949

Year	February	March	April	May	June	Jan-June
(A) Production of Whey Butter - lb.						
1945	51,100	84,700	172,900	370,100	468,000	1,202,700
1946	35,200	53,400	135,700	289,300	403,100	959,000
1947	33,700	54,100	115,200	241,300	347,400	830,700
1948	23,900	42,000	77,500	166,300	291,600	628,600
1949	16,600	29,700	91,200	233,800	325,000	717,100
(B) Production of Other Cheese - lb.						
1945	117,516	143,148	160,025	142,750	185,164	895,966
1946	119,806	168,683	195,444	264,745	292,849	1,181,909
1947	193,223	223,595	290,611	298,265	344,340	1,584,538
1948	88,677	116,437	148,501	176,207	197,620	846,102
1949	139,030	152,976	215,423	181,699	230,090	1,072,921
(C) Production of Ice Cream - '000 Gal.						
1945	769	865	1,526	1,685	2,210	7,850
1946	662	754	1,454	1,690	2,041	7,404
1947	628	720	1,949	2,313	2,875	9,249
1948	1,002	1,479	1,830	2,472	3,381	11,177
1949	1,020	1,499	1,900	2,622	3,580	11,617

Table 13 - Butter-Fat and Milk Equivalent of Dairy Factory Production
June and January-June, 1948 and 1949

Products		June			January-June		
		Butter-Fat	Milk	% of total	Butter-Fat	Milk	% of total
		'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	1948	36,753	1,050,156	74.7	99,930	2,855,320	75.9
	1949	33,836	966,816	71.9	101,094	2,888,591	74.2
Cheddar Cheese	1948	7,078	202,158	14.4	13,579	387,873	10.3
	1949	7,930	226,510	16.8	16,277	464,928	11.9
Condensed Whole Milk	1948	351	10,007	0.7	1,190	33,919	0.9
	1949	184	5,253	0.4	1,004	28,625	0.7
Evaporated Whole Milk	1948	2,810	80,269	5.7	8,890	254,005	6.8
	1949	2,472	70,640	5.3	9,249	264,271	6.8
Whole Milk Powder	1948	529	15,112	1.1	2,413	68,936	1.8
	1949	394	11,256	0.8	2,040	58,272	1.5
Ice Cream	1948	1,690	48,314	3.4	5,588	159,719	4.3
	1949	2,255	64,440	4.8	6,615	189,017	4.9
TOTAL	1948	49,211	1,406,016	100.0	131,590	3,759,772	100.0
	1949	47,071	1,344,915	100.0	136,279	3,893,704	100.0

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