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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS  
AGRICULTURE DIVISION  
OTTAWA, CANADA

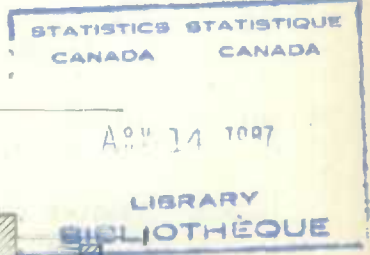
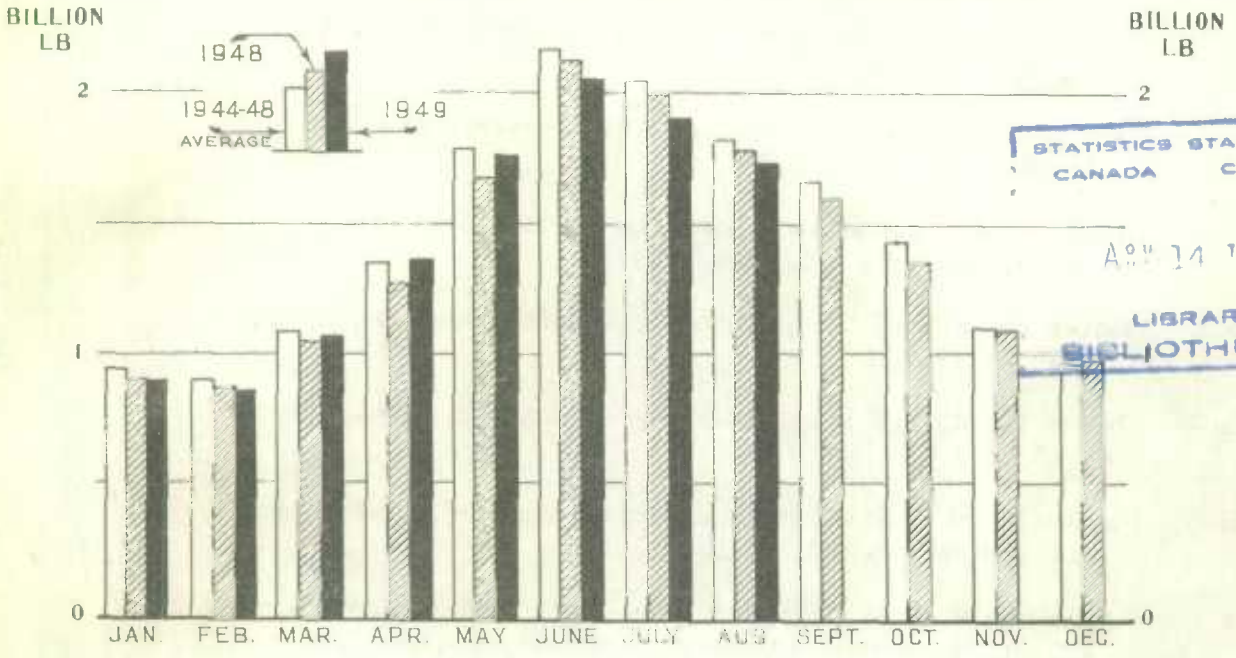
# MONTHLY DAIRY REVIEW OF CANADA 1949

Volume No. X, Report No. 9

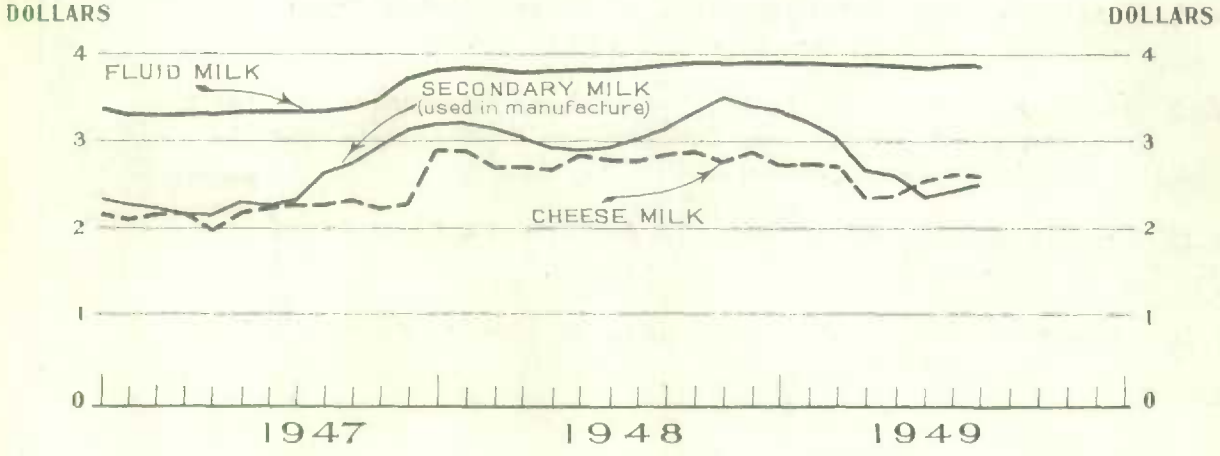
(SEPTEMBER)

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 September	1
Farm Milk Production, Utilization and Income in August, 1949	2
Production and Prices of Dairy Products in August, 1949	3
Table 1	
Production and Utilization of Milk, by Provinces, August, 1948 and 1949	4-5
Table 2	
Production and Utilization of Milk, by Provinces, January-August, 1948 and 1949	6-7
Table 3	
Utilization of Milk in Percentages of Total Production, August, 1948 and 1949	8
Table 4	
Farm Cash Income from Dairying and Average Price per Unit, August, 1948 and 1949	9
Table 5	
Dairy Butter Production, April to August with Cumulative Data, January-August, 1948 and 1949	10
Table 6	
Butter Supply and Disposition in Canada, January-August, 1945 to 1949	11
Table 7	
Cheese Supply and Disposition in Canada, January-August, 1945 to 1949	12
Table 8	
Concentrated Milk Supply and Disposition in Canada, August and January-August, 1945 to 1949	13
Table 9	
Concentrated Milk - Principal Products - Supply and Disposition in Canada, August and January-August, 1945 to 1949	14
Table 10	
Whey Butter, Other Cheese and Ice Cream, Production in Canada, January-August, 1945 to 1949	15
Table 11	
Butter-fat and Milk Equivalent of Factory Dairy Production, August and January-August, 1948 and 1949	15
Table 12	
Percentages of Cows Milked, Percentages Freshening and Dairy Production of Milk per Cow, by Provinces, July, August and September 1948 and 1949	16
Table 13	
Precipitation, Temperature and Sunshine at 25 Stations in Canada, September, 1948 and 1949	17
Table 14	
Numbers of Dairy Cattle on Farms, in Canada by Provinces June 1, 1948 and 1949	18

## THE DAIRY SITUATION IN SEPTEMBER

The month of September was exceptionally favourable for the production of milk and dairy products. Heavy precipitation was general throughout the Eastern Provinces, which produced a luscious growth of grass on pastures and meadow lands. Average temperatures and hours of sunshine were considerably below those of September, 1948. In the Prairie Provinces the weather was cool, and there was less sunshine than in September, 1948. The rainfall on the Prairies, though somewhat greater than that of the same month last year, was still below normal. The rainfall of late August and early September gave pastures a chance to recover to some extent from the mid-summer drought, and, supplemented by after-harvest forage, provided good grazing for dairy cattle. The weather in British Columbia was inclined to be warmer than a year ago, and the precipitation was slightly less than that of September, 1948. The first killing frosts of the season were recorded in the Prairie Provinces about mid-September, and in the Eastern Provinces on September 23rd and October 1, 1949.

Although the 1948 hay crop was considerably lighter than that of the previous year, dairy farmers will probably have sufficient quantities of both roughage and coarse grains to meet their needs during the winter period. The rainfall of late August and September produced a new growth on harvested fields and improved the condition of pastures. Based on reports of Crop correspondents at the end of September, pastures were rated at 85 per cent of the normal as against 72 per cent in the same month last year. The ratings, by Provinces, with the figures for the previous year within brackets are shown as follows: P.E.I., 90 (101); N.S. 96 (91); N.B. 88 (92); Quebec 86 (77); Ontario 85 (54); Manitoba 81 (81); Sask. 64 (64); Alberta 71 (90); B.C., 89 (107).

The reports from Dairy Correspondents as of September 15th, again indicate that the milch cow numbers are about 6 per cent below those reported in the same month a year ago. The decline in cow numbers was offset to some extent, however, by an increase in the percentage of cows milked which advanced from 75.8 per cent a year ago to 77.7 per cent in September, 1949. This represents a more significant advance than that recorded in the previous month. There was, of course, a seasonal decline in freshenings which was reflected in the reports for September. Likewise, compared with the previous year, prospective freshenings were below those of September, 1948. On the other hand, the total number of cows in calf made a substantial gain, and observers suggest that short grain crops and uncertainties in respect to future markets may tend to encourage dairying enterprises in some sections of the country. There seems to be a brisk demand for dairy cows, many of them being bought to replace milkers sold or slaughtered. The prices are also exceedingly favourable as indicated by sales of pure bred live stock at auctions held during the past month. In Manitoba, for example, the average of \$300 for pure bred dairy cows was practically the same as that realized a year ago.

Milk production is being well maintained and a definite upswing took place in September in contrast with the decline in the three previous months. The average production per farm as reported on September 15th recorded an advance of  $3\frac{1}{2}$  per cent as compared with that of September, 1948. Milk production per cow based on all cows in herds was 18.5 pounds per day as compared with 16.9 pounds in the previous year; and the daily yield of milk per cow (based on those actually milking) was 23.9 pounds as compared with 22.3 pounds. These figures represent increases of  $9\frac{1}{2}$  per cent and approximately 7 per cent in comparison with the same month last year. The milk equivalent of products manufactured in dairy factories which normally represents about 60 per cent of the total milk production of the Dominion, showed an increase of approximately  $4\frac{1}{2}$  per cent. The percentage of milk used for creamery butter which showed declines of 2 to  $3\frac{1}{2}$  per cent since May, moved in an upward direction in

September; the 74.5 per cent so utilized representing a gain of 4 per cent over the same month of the previous year. Cheese production also utilized a greater proportion of the milk production, the gain being approximately one third above that of a year ago. Concentrated milk products which normally absorb almost 4 per cent of the total milk production of Canada, used approximately one quarter less milk than that of September, 1948. There was also a reduction of almost 9 per cent in the quantities used for ice cream. A detailed statement appears in the table below:

MILK EQUIVALENT OF FACTORY DAIRY PRODUCTS - SEPTEMBER AND JANUARY - SEPTEMBER, 1948 and 1949\*

Product	SEPTEMBER			JANUARY - SEPTEMBER		
	1948	1949	Percentage Change	1948	1949	Percentage Change
	'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	726,050	754,797	+ 4.0	5,428,592	5,349,514	- 1.5
Factory Cheese	121,958	162,789	+ 33.5	863,990	1,017,694	+ 17.8
Concentrated Milk Products	82,022	61,588	- 24.9	641,398	555,308	- 13.4
Ice Cream	37,169	33,876	- 8.9	305,235	365,788	+ 19.8
TOTAL	967,199	1,013,050	+ 4.7	7,239,215	7,288,304	+ 0.7

\* Source: Monthly Report of Dairy Factory Production, published by the Dominion Bureau of Statistics.

FARM MILK PRODUCTION, UTILIZATION AND INCOME IN AUGUST, 1949

Farm Milk Production: The estimated quantity of milk produced on farms in August amounted to 1,733 million pounds, a decrease of 50 million pounds from that of August, 1948. Of this amount, 1,117 million pounds or 64 per cent of the total was utilized in factory production. Factory use in August showed a decrease of 52 million pounds from that of August, 1948. During the January-August period of 1949 the estimated production of 11,660 million pounds represents an increase of 58 million pounds over the first eight months of 1948. The quantity of milk utilized for factory production in the January-August period amounted to 6,275 million pounds, while fluid sales accounted for 2,723 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 324,834,000 pounds in August, an increase of approximately 13 million pounds in comparison with last year. This included about 266 million pounds of fluid milk, which comprises about 15 per cent of the farm milk supply. Fluid cream sales of 59 million pounds absorbed 3 per cent of the total milk produced.

Dairy Butter: The output of dairy butter in August amounted to 3,951,000 pounds representing a decrease of 1,187,000 pounds or 23 per cent from the corresponding month in 1948. During the period January-August, the total of 37,515,000 pounds was 9 per cent below the January-August production of 1948. All Provinces contributed to the decline in August, while a reduction during the eight-month period was shown by all Provinces except New Brunswick, Quebec and Ontario.

Farm Cash Income: Cash income from the sale of dairy products in August, amounting to \$36,263,000 represented a reduction of approximately \$6,550,000 from last year. The weighted average price of \$2.51 per hundred pounds of milk may be compared with \$2.83 in the corresponding month of 1948. All prices showed a decrease except fluid milk. Fluid milk at \$3.85 per hundred represented an advance of 2 cents per hundred above that of August, 1948. Fluid cream decreased 47 cents per hundred pounds of milk and butter-fat used in the production of creamery butter fell from 72.1 cents to 58.9 cents per pound. Milk for concentration declined 50 cents per hundred pounds of milk, cheese milk was reduced by 18 cents and milk used in ice cream declined 49 cents per hundred as compared with the prices recorded in August, 1948.

#### PRODUCTION AND PRICES OF DAIRY PRODUCTS IN AUGUST, 1949

Butter: Total butter production including creamery, dairy and whey butter amounted to  $38\frac{1}{2}$  million pounds in August, 1949. This was  $3\frac{3}{4}$  million pounds or approximately 8.7 per cent less than that produced in the same month of the previous year.

Stock Holdings: Holdings of butter in store and transit on September 1 amounted to  $67\frac{1}{4}$  million pounds, approximately  $15\frac{3}{4}$  million pounds more than last year. On August 1, the stock holdings were  $56\frac{3}{4}$  million pounds as compared with  $45\frac{1}{4}$  million pounds a year ago.

The Butter Supply: The quantity of butter represented by stocks on August 1 and production during the month amounted to  $95\frac{1}{4}$  million pounds. This was a gain of approximately  $7\frac{3}{4}$  million pounds over last year.

Domestic Disappearance: The domestic disappearance of butter in August, including creamery, dairy and whey butter, amounted to 28 million pounds a decline of 8 million pounds or 22.4 per cent. On a per capita basis the domestic disappearance amounted to 2.15 pounds as against 2.81 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  $58\frac{5}{8}$  cents per pound in August as against  $68\frac{1}{2}$  cents last year.

Cheese Production: Cheese production including cheddar, farm-made cheese and factory cheese other than cheddar, amounted to 16 million pounds, representing an increase of about  $1\frac{3}{4}$  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  $31\frac{1}{4}$  cents per pound in August. The comparative price in 1948 was  $33\frac{1}{2}$  cents.

Concentrated Milk Products: The total quantity of concentrated milk products manufactured in August was approximately  $38\frac{1}{2}$  million pounds, a decrease of  $8\frac{3}{4}$  million pounds as compared with last year. Concentrated whole milk products declined almost  $9\frac{1}{2}$  million pounds while milk by-products registered an increase of almost  $\frac{3}{4}$  million pounds. Evaporated milk, one of the most important of the whole milk products, showed a decline of  $6\frac{1}{4}$  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 August was approximately  $3\frac{3}{4}$  million gallons or 213 thousand gallons more than that produced a year ago.

TABLE 1 - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,  
AUGUST 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	1,783,375	862,808	158,821	96,466	51,472	120,383
	1949	1,733,470	803,930	177,470	67,015	68,670	92,572
P.E.I.	1948	23,285	15,393	1,671	-	357	1,242
	1949	21,599	14,269	802	-	450	422
N.S.	1948	41,761	15,276	-	x/	3,287	7,849
	1949	38,992	14,363	-	x/	3,996	4,358
N.B.	1948	50,951	24,156	1,370	-	2,000	10,075
	1949	50,086	23,899	1,259	-	2,790	9,419
QUE.	1948	535,401	308,386	29,232	33,770	11,132	19,189
	1949	519,326	279,168	51,197	22,280	13,950	14,386
ONT.	1948	574,513	199,788	118,875	50,478	20,978	12,301
	1949	554,825	183,668	117,687	30,237	27,036	12,020
MAN.	1948	131,328	77,975	3,555	-	3,215	14,925
	1949	125,137	74,460	2,234	-	4,590	11,176
SASK.	1948	193,262	109,043	624	-	2,601	32,450
	1949	181,174	101,733	490	-	3,780	21,837
ALTA.	1948	171,759	102,576	3,494	x/	3,358	18,861
	1949	175,737	102,108	3,801	x/	4,914	16,588
B.C.	1948	57,067	10,215	xx/	xx/	4,544	3,491
	1949	62,573	10,262	xx/	xx/	7,164	2,366

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 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,  
AUGUST 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	252,992	58,927	137,272	43,551	1,169,567	121,066	492,742
	1949	265,501	59,333	146,420	51,886	1,117,085	93,245	523,140
P.E.I.	1948	1,742	158	2,411	310	17,421	1,243	4,621
	1949	1,705	151	3,273	526	15,521	423	5,655
N.S.	1948	9,061	1,052	4,081	1,128	18,563	7,876	15,322
	1949	9,722	1,026	4,247	1,254	18,359	4,384	16,249
N.B.	1948	5,729	919	6,166	532	27,526	10,079	13,346
	1949	6,268	900	4,922	625	27,948	9,423	12,715
QUE.	1948	76,065	20,858	29,605	7,136	382,520	19,217	133,664
	1949	79,108	20,670	29,525	9,015	366,595	14,413	138,318
QNT.	1948	100,723	18,555	42,516	10,154	390,119	12,446	171,948
	1949	104,853	19,149	47,607	12,425	358,628	12,163	184,034
MAN.	1948	11,842	3,659	11,429	4,617	84,745	15,036	31,547
	1949	12,706	3,597	11,957	4,307	81,284	11,286	32,567
SASK.	1948	11,362	3,028	23,271	10,749	112,268	32,584	48,410
	1949	12,044	2,931	27,718	10,509	106,003	21,969	53,202
ALTA.	1948	17,244	4,812	14,183	7,031	109,428	19,061	43,270
	1949	18,641	4,682	13,764	11,044	110,821	16,785	48,131
B.C.	1948	19,224	5,886	3,610	1,894	22,929	3,524	30,614
	1949	20,454	6,227	3,407	2,181	27,905	2,399	32,269

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 - August 1948 and 1949

Section A

		Total Milk l/ 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	11,602,350	4,702,542	742,032	559,376	268,066	963,723
	1949	11,660,461	4,594,717	854,906	493,720	331,912	878,977
P.E.I.	1948	118,225	63,706	5,302	-	1,515	9,606
	1949	136,124	74,694	4,389	-	1,823	9,514
N.S.	1948	284,651	99,694	-	x/	15,119	40,581
	1949	285,192	99,181	-	x/	21,126	37,745
N.B.	1948	316,605	118,626	6,139	-	9,360	82,145
	1949	340,577	125,751	6,963	-	11,557	85,988
QUE.	1948	3,191,991	1,488,836	120,022	157,034	53,744	140,487
	1949	3,338,019	1,483,354	191,341	150,289	64,236	162,815
ONT.	1948	3,909,156	1,262,198	562,738	320,133	108,604	148,171
	1949	3,945,596	1,234,575	613,098	250,846	132,896	150,937
MAN.	1948	859,279	446,669	23,212	x/	17,119	104,334
	1949	823,499	421,223	14,253	x/	22,479	94,517
SASK.	1948	1,291,423	593,787	2,284	-	15,762	256,534
	1949	1,199,981	546,339	3,365	-	19,726	180,810
ALTA.	1948	1,167,846	555,080	22,335	x/	19,549	156,654
	1949	1,108,823	536,218	21,497	x/	25,269	135,424
B.C.	1948	438,427	73,946	xx/	xx/	27,294	25,211
	1949	454,651	73,382	xx/	xx/	32,800	21,227

l/ 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 - August 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	2,231,405	456,406	1,079,698	593,636	6,272,016	969,189	4,361,145
	1949	2,271,096	451,699	1,133,539	644,509	6,275,255	884,363	4,500,843
P.E.I.	1948	13,650	1,680	16,106	6,652	70,523	9,614	38,088
	1949	13,045	1,577	22,975	8,099	80,906	9,522	45,696
N.S.	1948	77,145	8,758	32,925	10,214	114,813	40,796	129,042
	1949	77,258	7,794	31,997	9,881	120,307	37,955	126,930
N.B.	1948	45,703	6,224	39,278	9,101	134,125	82,174	100,306
	1949	47,564	5,859	42,578	14,285	144,271	86,020	110,286
QUE.	1948	714,666	147,467	229,129	140,384	1,819,636	140,709	1,231,646
	1949	725,097	144,815	237,481	178,375	1,889,220	163,031	1,285,768
ONT.	1948	900,831	136,802	324,100	144,444	2,253,673	149,306	1,506,177
	1949	916,091	138,128	368,735	139,167	2,231,415	152,060	1,562,121
MAN.	1948	96,618	30,265	90,490	49,702	487,000	105,204	267,075
	1949	99,125	30,154	89,840	51,050	457,955	95,375	270,169
SASK.	1948	91,662	28,659	195,865	105,822	611,833	257,582	422,008
	1949	92,092	26,490	207,002	123,123	569,430	181,844	448,707
ALTA.	1948	135,115	41,766	126,710	108,986	596,964	158,305	412,577
	1949	142,068	42,000	105,867	98,860	582,984	137,044	388,795
B.C.	1948	156,015	54,785	25,095	18,331	158,702	25,499	254,226
	1949	158,756	54,882	27,064	21,669	170,767	21,513	262,371

1/ Cream expressed 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, AUGUST 1948 and 1949.

Province	Year	Used in Manufacture			Total	Fluid Sales	Used on Farms	
		Creamery Butter	Factory Cheese	Conc. Milk & Ice Cream			Dairy Butter	Other Purposes
		%	%	%	%	%	%	
CANADA	1948	48.38	8.90	8.30	65.58	17.49	6.75	10.18
	1949	46.38	10.23	7.83	64.44	18.74	5.34	11.48
P.E.I.	1948	66.11	7.18	1.53	74.82	8.16	5.33	11.69
	1949	66.07	3.71	2.08	71.86	8.59	1.95	17.60
N. S.	1948	36.57	-	7.87	44.44	24.22	18.80	12.54
	1949	36.84	-	10.25	47.09	27.56	11.18	14.17
N. B.	1948	47.41	2.69	3.93	54.03	13.05	19.77	13.15
	1949	47.72	2.51	5.57	55.80	14.31	18.81	11.08
QUE.	1948	57.60	5.46	8.39	71.45	18.10	3.58	6.87
	1949	53.75	9.86	6.98	70.59	19.21	2.77	7.43
ONT.	1948	34.78	20.69	12.44	67.91	20.76	2.14	9.19
	1949	33.10	21.21	10.32	64.63	22.35	2.17	10.85
MAN.	1948	59.38	2.71	2.45	64.54	11.80	11.36	12.30
	1949	59.50	1.79	3.67	64.96	13.03	8.93	13.08
SASK.	1948	56.42	0.32	1.35	58.09	7.45	16.79	17.67
	1949	56.15	0.27	2.09	58.51	8.27	12.05	21.17
ALTA.	1948	59.72	2.03	1.96	63.71	12.84	10.98	12.47
	1949	58.10	2.16	2.80	63.06	13.27	9.44	14.23
B. C.	1948	20.89	x/	9.29	30.18	51.35	7.14	11.33
	1949	19.70	x/	13.75	33.45	51.22	4.54	10.79

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

Table 4. - FARM CASH INCOME FROM DAIRYING AND AVERAGE PRICE PER UNIT BY PROVINCES AND BY PRODUCTS, AUGUST 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	42,813	36,263	2.83	2.51	9,701	10,235	3.83	3.85
P.E.I.	524	389	2.70	2.23	59	60	3.36	3.54
N.S.	935	848	3.04	2.83	341	398	3.76	4.09
N.B.	1,078	912	2.87	2.46	232	254	4.04	4.05
QUE.	14,189	11,828	2.85	2.52	2,951	3,038	3.88	3.84
ONT.	14,837	12,768	2.89	2.64	3,817	4,047	3.79	3.86
MAN.	2,646	2,110	2.60	2.15	441	455	3.72	3.58
SASK.	3,338	2,578	2.54	2.11	396	421	3.49	3.50
ALTA.	3,457	3,032	2.59	2.24	653	705	3.79	3.78
B.C.	1,697	1,798	3.49	3.26	811	857	4.22	4.19
	(2) FLUID CREAM				(3) MILK FOR CONCENTRATION			
CANADA	1,625	1,357	2.76	2.29	2,907	1,681	3.01	2.51
P.E.I.	4	4	2.69	2.57	-	-	-	-
N.S.	29	26	2.82	2.49	x/	x/	x/	x/
N.B.	27	26	2.96	2.87	-	-	-	-
QUE.	576	490	2.76	2.37	1,057	555	3.13	2.49
ONT.	512	396	2.76	2.07	1,439	720	2.85	2.38
MAN.	87	65	2.38	1.81	-	-	-	-
SASK.	73	58	2.40	1.98	-	-	-	-
ALTA.	112	92	2.32	1.96	x/	x/	x/	x/
B.C.	205	200	3.48	3.22	x/	x/	x/	x/
	(4) CHEESE MILK				(5) ICE CREAM MILK			
CANADA	4,398	4,592	2.77	2.59	1,540	1,715	2.99	2.50
P.E.I.	42	17	2.54	2.12	10	11	2.88	2.55
N.S.	-	-	-	-	108	117	3.30	2.93
N.B.	37	29	2.67	2.33	65	74	3.27	2.65
QUE.	786	1,269	2.69	2.48	351	366	3.16	2.62
ONT.	3,324	3,128	2.80	2.66	612	652	2.92	2.41
MAN.	101	47	2.84	2.13	81	94	2.51	2.04
SASK.	16	12	2.64	2.34	73	76	2.81	2.01
ALTA.	92	90	2.62	2.34	93	117	2.77	2.39
B.C.	x/	x/	x/	x/	147	208	3.24	2.90
	(6) CREAMERY BUTTER-FAT				(7) DAIRY BUTTER			
	\$'000	\$'000	¢	¢	\$'000	\$'000	¢	¢
CANADA	21,775	16,564	72.1	58.9	867	209	65.8	56.3
P.E.I.	406	296	75.4	59.4	3	1	66.0	57.0
N.S.	396	287	74.0	57.0	61	20	67.0	56.0
N.B.	618	480	73.1	57.3	99	49	68.0	59.0
QUE.	8,095	6,057	75.0	62.0	373	53	67.0	58.0
ONT.	5,034	3,819	72.0	59.4	89	6	68.0	57.0
MAN.	1,890	1,441	69.2	55.3	46	8	65.0	55.0
SASK.	2,660	1,986	69.7	55.8	120	25	62.0	53.0
ALTA.	2,448	1,993	68.2	55.8	59	35	61.0	54.0
B.C.	228	205	63.8	57.0	17	12	63.0	54.0

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

DAIRY BUTTER

Table 5 - Production, April to August, with cumulative data, January to August,  
1948 and 1949

Canada by provinces		April	May	June	July	August	January to August
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	6,269	5,695	5,025	4,814	5,138	41,132
	1949	5,481	4,820	4,396	3,932	3,951	37,515
P.E.I.	1948	50	70	66	59	53	410
	1949	76	78	30	24	18	406
N. S.	1948	193	272	252	234	335	1,732
	1949	179	226	208	181	186	1,611
N. B.	1948	484	475	463	451	430	3,506
	1949	539	501	436	362	402	3,670
QUE.	1948	1,125	835	662	719	819	5,996
	1949	1,286	810	753	633	614	6,949
ONT.	1948	990	973	635	559	525	6,324
	1949	1,083	736	589	383	513	6,442
MAN.	1948	598	574	526	536	637	4,453
	1949	507	537	505	530	477	4,034
SASK.	1948	1,745	1,478	1,385	1,293	1,385	10,949
	1949	1,067	1,088	914	923	932	7,717
ALTA.	1948	964	858	867	805	805	6,686
	1949	627	702	828	787	708	5,780
B. C.	1948	120	160	169	158	149	1,076
	1949	117	142	133	109	101	906

BUTTER

Table 6 - Supply and Disposition in Canada, January to August, 1945 to 1949

	April	May	June	July	August	Jan-August
Year	(A) Total Butter Production-'000 lb.					
1945	25,721	37,831	50,221	47,280	42,425	254,299
1946	24,420	37,269	48,381	45,804	38,594	239,092
1947	25,496	36,943	49,583	47,369	40,917	245,883
1948	24,535	36,344	50,138	47,146	42,225	243,046
1949	25,400	37,130	45,985	42,746	38,532	234,914
	(B) Stocks First of Month-'000 lb.					
	1/					
1945	13,621	12,816	19,751	40,263	56,960	68,199
1946	5,450	6,872	18,363	40,088	58,799	68,914
1947	15,419	11,327	24,046	42,861	59,430	67,509
1948	8,439	5,394	11,900	30,896	45,336	51,393
1949	12,881	13,674	23,839	42,133	56,838	67,164
	(C) Imports - lb. 2/					
1945	48	294	60	27	48	3,071
1946	25,303	21	-	96	-	25,692
1947	-	-	-	-	-	5,118,376
1948	210	49	1,769	56,496	-	59,153
1949	-	985	600	250	-	1,121,835
	(D) Exports - '000 lb. 2/					
1945	546	434	516	266	423	3,376
1946	187	213	205	333	931	2,794
1947	154	511	553	179	143	2,562
1948	74	76	80	55	14	611
1949	5	101	147	145	138	723
	(E) Domestic Disappearance - '000 lb.					
1945	25,979	30,463	29,193	30,317	30,763	223,974
1946	22,836	25,565	26,451	26,760	27,549	203,910
1947	29,435	23,714	30,211	30,621	32,695	225,211
1948	27,506	29,762	31,064	32,707	36,154	235,073
1949	24,602	26,864	27,545	27,896	28,068	206,177
	(F) Domestic Disappearance Per Capita - lb.					
1945	2.22	2.61	2.50	2.59	2.63	19.15
1946	1.86	2.08	2.16	2.18	2.25	16.62
1947	2.34	1.88	2.40	2.43	2.60	17.89
1948	2.13	2.31	2.41	2.54	2.81	18.24
1949	1.88	2.06	2.11	2.14	2.15	15.79

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-August" represent holdings at the end of the period, September 1.

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

CHEESE

Table 7 - Supply and Disposition in Canada, January to August, 1945 to 1949

	April	May	June	July	August	Jan-August
Year	(A) Total Cheese Production-'000 lb.					
1945	10,540	22,721	33,117	31,051	29,173	135,784
1946	7,814	17,540	28,521	25,970	22,012	108,360
1947	6,584	14,100	23,404	22,702	19,420	92,796
1948	3,714	9,619	18,409	16,980	14,347	67,357
1949	5,194	14,018 (x)	20,624 (x)	18,256 (x)	15,991 (x)	77,241 (x)
	(B) Stocks First of Month-'000 lb.					
1945	21,484	25,926	41,572	65,990	68,773	64,983
1946	18,173	21,306	32,266	51,616	52,821	43,166
1947	18,953	19,690	26,791	41,941	48,870	56,669
1948	22,530	22,247	27,432	41,404	51,477	55,734
1949	24,663	23,730	29,153	32,112	29,676	28,910
	(C) Imports - lb. 2/					
1945	18,569	63,373	18,714	24,109	125,082	372,712
1946	61,853	124,294	94,159	56,348	49,234	685,806
1947	105,561	129,450	89,444	22,705	15,113	745,845
1948	38,069	91,110	80,041	88,734	50,824	549,677
1949	116,687	222,751	213,889	168,916	167,715	1,364,303
	(D) Exports-'000 lb. 2/					
1945	2,411	1,694	207	9,269	27,394	58,414
1946	267	303	265	162	34,570	50,699
1947	126	215	147	2,795	7,590	13,719
1948	167	216	85	141	1,688	7,994
1949	1,597	2,539	8,333	17,422	16,414	46,429
	(E) Domestic Disappearance - '000 lb.					
1945	3,705	5,444	8,511	19,023	5,694	53,067
1946	4,476	6,401	9,000	24,659	(xx)	48,923
1947	5,827	6,913	8,196	13,001	4,046	48,832
1948	3,868	4,451	4,379	6,806	8,414	34,701
1949	4,647	6,279	9,546	3,439	511	37,928

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-August period.
- 1/ Stocks shown under the caption "Jan-August" represent holdings at the end of the period, September 1.
- 2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

CONCENTRATED MILK

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

Year	Whole Milk Products		Milk By-Products		Total	
	August	Jan-August	August	Jan-August	August	Jan-August
(A) Production- '000 lb.						
1945	26,029	181,901	6,050	40,490	32,079	222,391
1946	25,684	179,027	6,473	42,909	32,157	221,936
1947	26,905	184,706	8,906	56,551	35,811	241,257
1948	37,122	218,745	10,161	61,543	47,283	280,288
1949	27,734	198,918	10,802	69,263	38,536	268,181
(B) Stocks First of Month - '000 lb.						
1945	56,772	1/	11,214	1/	67,986	1/
1946	34,781	59,224	6,037	7,266	40,818	44,323
1947	35,719	37,057	11,426	12,294	47,145	47,815
1948	40,921	35,521	15,072	14,055	55,993	58,737
1949	68,191	44,682	25,543	25,991	93,734	96,401
(C) Imports - lb. 2/						
1945	6,234	44,378	149,620	200,700	155,854	245,078
1946	16,654	75,828	-	88,768	16,654	164,596
1947	-	72,597	302	173,162	302	245,759
1948	549	4,189	1,805	11,518	2,354	15,707
1949	-	6,562	629	30,424	629	36,986
(D) Exports - '000 lb. 2/						
1945	10,542	49,500	1,008	3,005	11,550	52,505
1946	14,885	44,205	447	2,504	15,332	46,709
1947	11,026	40,144	3,043	7,760	14,069	47,904
1948	12,075	34,549	6,923	18,664	18,998	53,213
1949	3,203	24,254	3,938	10,606	7,141	34,860
(E) Domestic Disappearance - '000 lb.						
1945	13,038	120,190	6,000	32,560	19,038	152,750
1946	8,540	124,524	4,797	37,484	13,337	162,008
1947	16,077	135,631	4,995	41,375	21,072	177,006
1948	21,287	153,167	4,257	38,480	25,544	191,647
1949	22,312	139,070	5,827	40,290	28,139	179,360

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

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

CONCENTRATED MILK - PRINCIPAL PRODUCTS

Table 9. - Supply and Disposition, August and January-August, 1945 to 1949

Section A	August	Jan-August	August	Jan-August	August	Jan-August
	Condensed Whole Milk		Condensed Skim Milk		Casein	
Production - '000 lb.						
1945	2,852	19,741	253	2,822	496	2,788
1946	2,921	19,941	369	2,093	483	2,781
1947	2,375	18,158	331	2,972	942	4,912
1948	4,470	23,615	560	3,615	616	3,787
1949	2,453	17,152	503	2,618	365	2,450
Section B	Evaporated Whole Milk	Whole Milk Powder	Skin Milk Powder			
(A) Production - '000 lb.						
1945	21,618	150,005	1,466	11,020	4,293	28,367
1946	20,996	147,137	1,502	10,243	4,660	31,406
1947	23,108	153,588	1,230	11,266	6,437	40,003
1948	30,114	179,260	2,468	13,196	7,414	44,738
1949	23,807	169,932	1,012	9,456	6,647	47,094
(B) Stocks First of Month - '000 lb.						
1945	49,707	1/ 51,907	3,876	1/ 3,901	7,173	1/ 6,285
1946	29,134	31,783	3,038	2,468	4,018	5,194
1947	29,413	30,037	3,698	2,682	8,066	8,546
1948	34,404	38,055	3,479	3,694	10,247	9,130
1949	62,390	64,668	3,589	3,472	22,595	23,176
(C) Exports - '000 lb. 2/						
1945	9,308	35,325	471	2,110	947	2,894
1946	10,957	28,588	638	2,798	407	1,424
1947	9,180	24,907	405	2,364	2,371	7,063
1948	7,818	17,130	1,339	3,901	6,703	16,353
1949	1,551	9,035	531	3,318	3,670	8,906
(D) Domestic Disappearance - '000 lb.						
1945	10,110	102,435	970	7,736	4,234	22,484
1946	7,390	109,127	1,434	6,093	3,077	26,611
1947	13,304	119,698	1,841	7,826	3,586	27,088
1948	18,645	133,519	915	7,226	1,828	24,325
1949	19,978	124,956	598	5,586	2,396	22,913

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

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



WHEY BUTTER, OTHER CHEESE AND ICE CREAM

Table 10.- Production in Canada, January to August, 1945 to 1949

Year	April	May	June	July	August	Jan-August
(A) Production of Whey Butter - lb.						
1945	172,900	370,100	468,000	485,600	392,100	2,080,400
1946	135,700	289,300	403,100	400,900	365,400	1,725,300
1947	115,200	241,300	347,400	382,200	347,300	1,560,200
1948	77,500	166,300	291,600	316,700	262,200	1,207,500
1949	91,200	233,800	325,000	308,100	268,700	1,293,900
(B) Production of Other Cheese - lb.						
1945	160,025	142,750	185,164	180,219	213,066	1,289,251
1946	195,444	264,745	292,849	309,480	313,466	1,804,855
1947	290,611	298,265	344,340	260,053	241,597	2,086,188
1948	148,501	176,207	197,620	201,159	223,969	1,271,230
1949	215,423	181,699	229,166	160,822	128,913	1,361,732
(C) Production of Ice Cream - '000 Gal.						
1945	1,526	1,685	2,210	2,728	2,304	12,882
1946	1,454	1,690	2,041	2,761	2,117	12,282
1947	1,949	2,313	2,875	4,073	3,740	17,062
1948	1,830	2,472	3,381	3,980	3,602	18,759
1949	1,900	2,622	3,580	3,732	3,815	19,164

Table II - Butter-Fat and Milk Equivalent of Dairy Factory Production  
August and January-August, 1948 and 1949

Products		August			January-August		
		Butter-Fat	Milk	% of total	Butter-Fat	Milk	% of total
		'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	1948	30,196	862,808	73.8	164,578	4,702,542	75.0
	1949	28,136	803,930	72.0	160,805	4,594,717	73.2
Factory Cheese 1/	1948	5,559	158,821	13.6	25,971	742,032	11.8
	1949	6,213	177,470	15.9	29,931	854,905	13.6
Condensed whole Milk	1948	358	10,192	0.9	1,889	53,842	0.9
	1949	196	5,593	0.5	1,373	39,106	0.6
Evaporated whole Milk	1948	2,319	66,251	5.7	13,802	394,372	6.3
	1949	1,833	52,375	4.7	13,084	373,850	6.0
Whole Milk Powder	1948	691	19,744	1.7	3,695	105,568	1.7
	1949	283	8,096	0.7	2,648	75,648	1.2
Ice Cream	1948	1,801	51,472	4.4	9,379	268,066	4.3
	1949	2,403	68,670	6.1	11,616	331,912	5.3
TOTAL 2/	1948	40,933	1,169,567	100.0	219,509	6,272,016	100.0
	1949	39,098	1,117,085	100.0	219,637	6,275,254	100.0

1/ Includes Other Cheese Production which is shown in table 10.

2/ Includes Malted Milk, Cream Powder and Sub-Standard milk products not separately listed.

TABLE 12 - PERCENTAGE OF COWS MILKED, COWS FRESHENING, AND DAILY PRODUCTION OF MILK PER COW,  
JULY, AUGUST AND SEPTEMBER 1948 AND 1949

Canada by provinces	Year	Percentage of Cows Milked 1/			Percentage of Cows Freshening 1/		
		July	August	September	July	August	September
CANADA	1948	80.4	77.6	75.8	5.4	4.6	4.8
	1949	79.0	78.2	77.7	5.5	4.3	4.9
P.E.I.	1948	92.5	83.1	81.4	7.1	3.4	1.9
	1949	80.0	83.4	82.2	10.5	7.2	4.2
N. S.	1948	76.9	78.2	75.1	5.4	5.0	5.9
	1949	76.0	74.4	72.0	7.3	4.5	9.2
N. B.	1948	87.2	88.0	87.1	3.3	5.4	3.0
	1949	88.7	82.9	84.0	7.1	3.7	4.5
QUE.	1948	87.2	88.2	84.5	4.9	3.1	2.2
	1949	84.8	83.8	83.2	5.0	2.8	2.6
ONT.	1948	76.4	74.9	74.4	5.2	5.1	5.4
	1949	75.9	75.1	75.3	5.2	4.6	5.8
MAN.	1948	80.2	75.2	71.6	6.0	4.6	4.7
	1949	75.2	75.1	73.2	6.4	5.5	4.0
SASK.	1948	74.9	76.4	74.2	6.0	4.9	4.0
	1949	74.9	74.3	71.8	7.4	4.9	6.8
ALTA.	1948	79.4	73.8	71.2	5.8	5.2	5.0
	1949	75.0	72.9	73.6	5.3	5.0	6.9
B. C.	1948	76.8	72.6	70.4	4.6	5.5	7.1
	1949	80.0	78.9	75.5	5.7	6.4	6.2
Canada by provinces	Year	Daily Production of Milk Per Cow (Based on All Cows) 1/			Daily Production of Milk Per Cow (Based on Cows actually milked)		
		July	August	September	July	August	September
CANADA	1948	21.2	19.3	16.9	26.2	24.8	22.3
	1949	21.4	19.4	18.5	27.1	24.8	23.9
P.E.I.	1948	25.8	21.7	19.7	27.9	26.1	24.3
	1949	25.3	24.4	21.5	31.6	28.0	26.1
N. S.	1948	17.9	17.5	15.8	23.4	22.4	21.1
	1949	19.4	17.4	16.4	25.6	23.3	22.8
N. B.	1948	22.7	20.1	17.5	26.0	22.8	20.0
	1949	23.5	19.2	18.0	26.5	23.2	21.4
QUE.	1948	22.0	20.8	17.7	25.2	23.6	20.9
	1949	21.6	18.7	17.7	25.5	22.3	21.3
ONT.	1948	21.0	19.9	17.7	27.5	26.6	23.8
	1949	22.1	20.4	20.3	29.1	27.2	27.0
MAN.	1948	19.6	15.9	14.4	24.5	21.2	20.1
	1949	19.0	17.7	16.0	25.3	23.6	21.9
SASK.	1948	19.5	17.4	14.5	26.0	22.8	19.6
	1949	20.3	18.5	15.8	27.1	24.9	22.0
ALTA.	1948	21.6	19.7	16.4	27.2	26.7	23.1
	1949	20.4	19.3	18.8	27.3	26.5	25.5
B. C.	1948	19.9	18.1	16.7	25.9	25.0	23.8
	1949	20.9	19.9	17.9	26.2	25.2	23.7

1/ Based on cows and helpers two years and over kept mainly for milking purposes.

Table 13. - PRECIPITATION, TEMPERATURES AND SUNSHINE AT TWENTY-FIVE STATIONS IN CANADA  
September, 1948 and 1949

Weather Station	Total Precipitation		Mean Temperature		Bright Sunshine	
	1948	1949	1948	1949	1948	1949
	Inches	Inches	Degrees	Degrees	Hours	Hours
Charlottetown	3.7	4.5	59	59	174	164
Kentville	2.0	3.5	57	58	179	155
Nappan	2.4	5.7	57	57	171	147
Fredericton	1.8	8.0	58	56	183	151
Lennoxville	0.4	2.6	57	56	197	125
Ste. Anne	2.7	2.6	58	56	171	108
L'Assomption	0.9	5.5	61	57	217	137
Ottawa	1.2	3.0	61	56	214	135
Harrow	2.0	3.6	66	60	162	214
Kapuskasing	1.0	4.6	56	48	179	88
Morden	0.2	0.8	63	55	251	213
Brandon	0.1	0.9	61	53	-	197
Indian Head	0.4	0.7	58	52	212	204
Swift Current	0.1	0.7	57	54	212	205
Scott	0.1	1.0	54	54	217	231
Lethbridge	0.0	0.6	55	55	241	233
Lacombe	1.0	0.3	51	52	177	234
Manyberries	0.4	0.1	59	56	239	200
Beaverlodge	1.6	0.9	51	52	193	202
Port Vermilion	2.3	1.5	50	51	155	183
Agassiz	3.7	3.1	59	63	146	162
Summerland	0.7	0.7	58	60	218	226
Seamichton	1.8	0.9	55	59	204	215

Table 14. - NUMBERS OF DAIRY CATTLE ON FARMS, IN CANADA BY PROVINCES,  
June 1, 1948-1949.

Province		DAIRY COWS 1/		DAIRY HEIFERS 2/		CALVES 3/	
		No.	% Change	No.	% Change	No.	% Change
CANADA	1948	3,700,700		909,000		2,400,600	
	1949	3,620,200	- 2.2	904,400	- 0.5	2,324,200	- 3.2
P. E. I.	1948	42,400		11,000		25,400	
	1949	44,500	+ 5.0	10,100	- 8.2	29,000	+14.2
N. S.	1948	95,400		25,600		36,600	
	1949	97,000	+ 1.7	26,000	+ 1.6	39,000	+ 6.6
N. B.	1948	102,900		26,500		47,300	
	1949	102,100	- 0.8	26,000	- 1.9	48,000	+ 1.5
QUE.	1948	1,129,400		219,000		460,900	
	1949	1,114,300	- 1.3	224,300	+ 2.4	460,300	- 0.1
ONT.	1948	1,260,700		321,200		696,200	
	1949	1,249,900	- 0.9	333,800	+ 3.9	705,000	+ 1.3
MAN.	1948	262,300		74,800		194,300	
	1949	243,600	- 7.1	69,400	- 7.2	185,300	- 4.6
SASK.	1948	387,000		124,600		410,600	
	1949	359,800	- 7.0	116,600	- 6.4	361,100	-12.1
ALTA.	1948	327,000		86,300		444,800	
	1949	315,000	- 3.7	79,400	- 6.4	421,000	- 5.4
B. C.	1948	93,600		20,000		84,500	
	1949	94,000	+ 0.4	18,800	- 6.0	75,500	-10.7

1/ Cows kept for milk purposes. 2/ Heifers one to two years old being kept for milk.

3/ All classes of calves are represented in these figures.

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