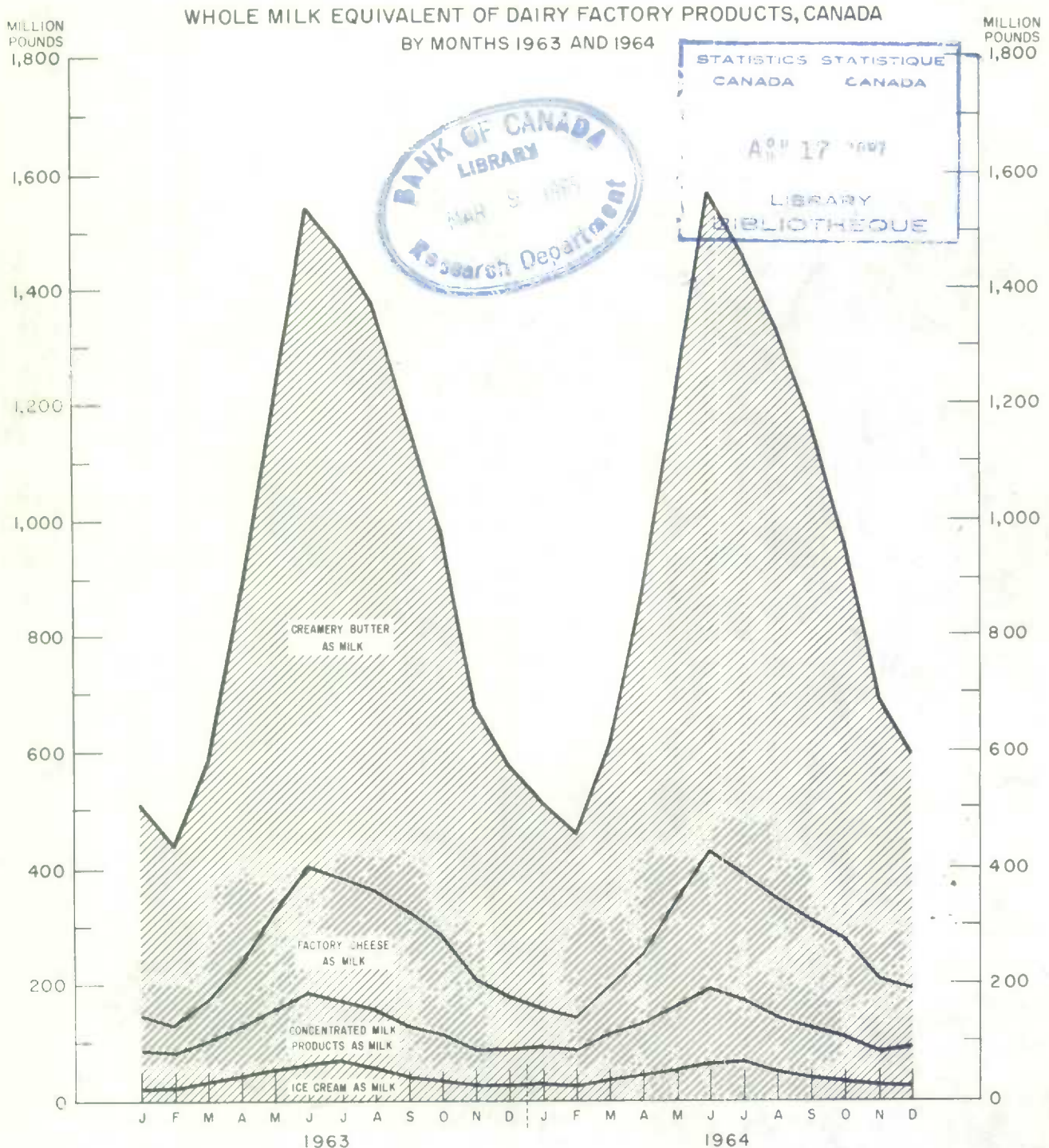


THE DAIRY REVIEW

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PRELIMINARY INDICATIONS OF THE DAIRY SITUATION, JANUARY, 1965

The preliminary estimate of milk produced in January is 1,066,000,000 pounds. This is 1.2 per cent lower than milk production in January, 1964.

Approximately 47 per cent of the milk produced in January, or 503,000,000 pounds, was used for the manufacture of dairy factory products. This was 2.5 per cent below factory utilization in January, 1964, and was primarily due to decreases of 3 and 15 per cent in the amount of milk used in the manufacture of creamery butter and concentrated whole milk products, respectively. Slightly over two-thirds of the milk used in dairy factory products during January went into creamery butter. About 10 per cent more milk was used for the manufacture of cheese during January, 1965, and 7 per cent more for ice cream mix than a year ago.

Revised data for factory utilization of milk in 1963 and 1964 indicate that 11.5 billion pounds of milk went into the manufacture of dairy factory products during each of the last two years. Creamery butter production required about 8.2 billion pounds of milk during 1964, almost the same as a year ago. Factory cheese accounted for 1.8 billion pounds of milk, while the remaining 1.5 billion pounds of milk was used for concentrated whole milk products and ice cream mix.

TABLE 1. Milk Equivalent of Dairy Factory Products, January to December, 1963 and 1964 and January, 1964 and 1965

Product	January - December			January		
	1963(1)	1964(1)	Percentage change	1964(1)	1965	Percentage change
	'000 lb.		%	'000 lb.		%
Creamery butter.....	8,234,905	8,232,635	-	354,932	343,489	- 3.2
Factory cheese(2)...	1,701,334	1,761,831	+ 3.6	66,352	73,141	+ 10.2
Creamed cottage cheese.....	26,781	28,544	+ 6.6	-	-	-
Concentrated products.....	993,896	999,809	+ 0.6	66,549	56,378	- 15.3
Ice Cream Mix.....	499,296	489,652	- 1.9	27,822	29,819	+ 7.2
Totals	11,456,212	11,512,471	+ 0.5	515,655	502,827	- 2.5

(1) Revised. (2) Data include cheddar and other whole milk and cream cheese.

Fluid sales of milk and cream in January, for the purpose of the preliminary estimate, are calculated at 427,700,000 pounds, an increase of 1.4 per cent over fluid sales in January, 1964. This assumes the same relationship to year-earlier estimates as for the October-December period.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 4.6 per cent below the quantity used in January, 1964, while milk used for livestock feeding was 2.0 per cent below that of a year ago. Reports from dairy correspondents participating in the survey indicate about 2 per cent less cows being milked at January 15 than at the same date last year, but also that this decrease was offset by increased milk production per cow.

FARM MILK PRODUCTION, UTILIZATION AND INCOME IN DECEMBER, 1964.

Farm Milk Production: The estimated quantity of milk produced on farms in December amounted to 1,175 million pounds, an increase of 24 million pounds or 2.1 per cent over that of December, 1963. Of this amount, 596 million pounds or 51 per cent was utilized in factory production, and approximately 446 million pounds or 38 per cent was used for fluid sales. During the January-December period, the estimated production was 18,491 million pounds, an increase of 59 million pounds over that produced in the same period of the previous year. The quantity of milk utilized for factory production in the January-December period amounted to 11,512 million pounds while fluid sales accounted for 5,114 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 446 million pounds in December, an increase of approximately 14 million pounds in comparison with December of the previous year. This included about 370 million pounds of fluid milk, comprising about 32 per cent of the farm milk supply, and fluid cream sales of 76 million pounds representing about 6 per cent. During the twelve month period, fluid sales totalled 5,114 million pounds, an increase of 93 million pounds or 1.8 per cent over those of the corresponding 1963 period.

Farm Butter: Butter made on farms in December amounted to 335,000 pounds, decreasing 25 per cent from the corresponding month in 1963. For the January-December period, 4,911,000 pounds were produced, a decrease of 20 per cent from the same period last year.

Farm Cash Income: Cash income from the sale of dairy products in December amounted to \$36,718,000. This represented an increase of 7.0 per cent or \$2,392,000 in comparison with the same month last year. The weighted average value of \$3.52 per hundred pounds of milk was 12 cents higher than in December, 1963. Fluid milk at \$5.04 per hundred was 16 cents higher than in December, 1963. Creamery butter-fat increased from 69.7 cents to 72.3 cents per pound, and farm butter at 57 cents per pound was the same as in December, 1963. Milk used in manufacture averaged \$2.98 per hundred, 10 cents higher than in December, 1963. Cheese milk increased to \$3.03 per hundred, an increase of 11 cents per hundred in comparison with the same month a year earlier.

Farm cash income estimates cover all money received by farmers for the sale of milk, cream and farm butter. Government subsidies and bonuses are included in these estimates. The estimates, however, do not make any allowances for costs incurred by farmers in the production of dairy products.

PRODUCTION AND PRICES OF DAIRY PRODUCTS IN DECEMBER, 1964.

Creamery Butter:

Production: Creamery butter production amounted to 17.2 million pounds in December, 1964, an increase of approximately 239 thousand pounds as compared to production in the same month of the previous year.

Stocks: Combined holdings of creamery butter and butter oil (in butter equivalent) in store and transit on January 1, 1965, amounted to 100.4 million pounds, approximately 118.9 million pounds lower than at January 1 last year. On December 1, 1964, stock holdings at 118.5 million pounds were 129.7 million pounds less than at the same date a year earlier.

Supply: The combined quantity of creamery butter and butter oil represented by stocks on December 1, plus production and imports during the month, amounted to 135.8 million pounds of butter at December 31, 1964. This was a decrease of approximately 129.5 million pounds compared to the corresponding supply figure at December 31, 1963.

Domestic Disappearance: The combined domestic disappearance of creamery butter and butter oil in December amounted to 33.6 million pounds of butter, a decrease of 1.2 million pounds or 3.3 per cent less than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.74 pounds as compared with 1.83 pounds in December, 1963.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 53 cents per pound in December, as against 51 cents in December, 1963.

Cheddar Cheese:

Production: Cheddar cheese production in December amounted to approximately 7.4 million pounds, an increase of about 0.6 million pounds compared to production in the same month of the previous year.

Prices: The Belleville price of Ontario coloured cheese averaged 38 cents per pound in December. The comparative price in 1963 was 36 1/2 cents.

Ice Cream Mix:

The quantity of ice cream mix manufactured in December was approximately 1.5 million gallons or 143 thousand gallons more than that produced a year ago.

TABLE 2. Milk Production and Utilization, by Province, December, 1963 and 1964.

Province and year	Total milk production	Utilization				
		Factory products	Farm butter	Farm-home consumed	Fed to livestock	Fluid sales
thousand pounds						
P.E.I. 1963	11,134(1)	7,141(1)	94	1,670	488	1,741
1964	12,076(1)	7,990(1)	70	1,610	491	1,915
N.S. 1963	25,069	5,257	351	2,080	1,380	16,001
1964	25,073	5,270	257	2,070	630	16,846
N.B. 1963	22,035	7,010	351	2,020	370	12,284
1964	22,346	6,774	328	2,020	302	12,922
Que. 1963	339,998	183,265	796	19,400	10,600	125,937
1964	327,814	171,029	702	18,000	9,340	128,743
Ont. 1963	444,179	235,233	936	16,400	20,700	170,910
1964	483,656	266,854	749	16,100	23,200	176,753
Man. 1963	63,669	28,518	1,310	7,590	4,900	21,351
1964	63,365	29,432	843	7,490	3,670	21,930
Sask. 1963	65,107	26,811	3,065	13,300	5,830	16,101
1964	63,652	28,151	2,504	12,100	4,450	16,447
Alta. 1963	105,514(1)	52,820(1)	3,346	13,300	6,530	29,518
1964	105,899(1)	54,277(1)	2,129	11,800	7,530	30,163
B.C. 1963	65,422	21,832	257	2,070	2,760	38,503
1964	63,261	18,166	257	2,010	2,170	40,658
Totals .. 1963	1,150,509	576,269	10,506	77,830	53,558	432,346
1964	1,174,917	595,718	7,839	73,200	51,783	446,377

(1) The milk equivalent of concentrated whole milk products is excluded to avoid disclosing individual company operations. It is included in totals.

TABLE 3. Milk Equivalent of Factory Products and Fluid Sales, by Province,
December, 1963 and 1964.

Province and year	Creamery butter	Cheese	Concentrated milk	Ice cream mix	Fluid milk	Fluid cream
thousand pounds of milk						
P.E.I. 1963	6,482	616	(1)	43	1,579	162
1964	6,950	979	(1)	61	1,720	195
N.S. 1963	4,048	-	-	1,209	14,202	1,799
1964	3,721	-	-	1,549	14,988	1,858
N.B. 1963	6,037	319	-	654	10,766	1,518
1964	5,780	264	-	730	11,352	1,570
Que. 1963	119,527	42,514	12,750	8,474	103,520	22,417
1964	105,534	47,847	10,129	7,519	106,301	22,442
Ont. 1963	146,250	44,327	34,769	9,887	143,902	27,008
1964	169,159	47,009	38,200	12,486	149,139	27,614
Man. 1963	26,138	731	-	1,649	16,440	4,911
1964	27,121	766	-	1,545	17,022	4,908
Sask. 1963	26,489	-	-	322	13,203	2,898
1964	27,565	-	-	586	13,687	2,760
Alta. 1963	49,982	1,661	(1)	1,177	23,357	6,161
1964	50,778	1,815	(1)	1,684	23,933	6,230
B.C. 1963	12,566	968	5,076	3,222	30,386	8,117
1964	6,505	572	7,314	3,775	32,399	8,259
Totals .. 1963	397,519	91,136	60,977	26,637	357,355	74,991
1964	403,113	99,252	63,418	29,935	370,541	75,836

(1) Excluded to avoid disclosing individual company operations but included in the total.

TABLE 4. Milk Utilization: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, December, 1964.

Province	Used in manufacture				Used for fluid sales	Used on farms		
	Creamery butter	Cheese	Conc.milk and ice cream mix	Total		For farm butter	In farm homes	Pail fed to animals
	percentages							
P.E.I.	52	7	10	69	14	1	12	4
N.S.	15	-	6	21	67	1	8	3
N.B.	26	1	3	30	58	2	9	1
Que.	32	15	5	52	39	-	6	3
Ont.	35	10	10	55	37	-	3	5
Man.	43	1	2	46	35	1	12	6
Sask.	43	-	1	44	26	4	19	7
Alta.	45	2	7	54	27	2	10	7
B.C.	10	1	18	29	64	-	3	4
Canada ..	34	9	8	51	38	1	6	4

TABLE 5. Butter Made on Farms, by Province, December, and Cumulative January to December, 1963 and 1964.

Province	December			January - December		
	1964	1963	% of 1963	1964	1963	% of 1963
	'000 lb.		%	'000 lb.		%
P.E.I.	3	4	75	54	59	92
N.S.	11	15	73	195	258	76
N.B.	14	15	93	220	293	75
Que.	30	34	88	481	571	84
Ont.	32	40	80	403	524	77
Man.	36	56	64	485	690	70
Sask.	107	131	82	1,493	1,775	84
Alta.	91	143	64	1,438	1,740	83
B.C.	11	11	100	142	192	74
Totals ..	335	449	75	4,911	6,102	80

TABLE 6. Production Trends as Indicated by Reports in the Farm Survey, Conducted as of the 15th of each Month

A. Cows Milked: Percentage of Total Milk Cows, by Province November, December 1964 and January, 1964 and 1965.

Province	November		December		January	
	1964	1963	1964	1963	1964	1965
	percentages					
P.E.I.	81.8	82.9	73.5	75.9	64.2	61.8
N.S.	68.3	70.1	65.3	70.6	67.0	70.4
N.B.	72.3	74.0	65.7	66.6	56.4	57.0
Que.	71.4	72.5	57.8	59.5	43.4	45.3
Ont.	70.5	71.6	67.1	65.0	62.7	61.0
Man.	57.9	56.1	55.8	53.7	50.9	51.5
Sask.	60.4	57.5	53.5	55.2	49.8	55.5
Alta.	62.5	61.9	58.0	61.3	57.0	59.1
B.C.	74.9	72.4	72.6	71.0	70.1	71.6
Canada ..	68.9	68.9	62.2	62.7	55.3	56.4

B. Milk Production Per Cow: Daily Averages for All Cows and for Cows Milked, by Province, December, 1964 and January 1964 and 1965.

Province	All cows			Cows milked		
	December 1964	January 1965	January 1964	December 1964	January 1965	January 1964
	pounds					
P.E.I.	14.5	12.3	10.6	20.0	19.2	17.2
N.S.	15.1	15.3	15.5	23.2	22.8	22.0
N.B.	13.1	11.6	11.3	19.9	20.6	19.8
Que.	10.9	9.7	9.6	18.9	22.3	21.3
Ont.	18.9	19.2	18.6	28.1	30.6	30.5
Man.	14.7	13.7	13.1	26.4	26.9	25.4
Sask.	13.7	13.3	14.7	25.7	26.7	26.4
Alta.	14.8	16.3	16.6	25.5	28.5	28.1
B.C.	20.5	20.6	20.7	28.2	29.4	29.0
Canada ..	15.1	14.7	14.6	24.2	26.6	26.0

TABLE 7. Cows Two Years and Over, Kept on Farms for Milking Purposes, by Province, December 1, 1963 and 1964 and June 1, 1964

Province	December 1		June 1 1964	December 1, 1964 as % of	
	1964	1963		Dec. 1, 1963	June 1, 1964
	no.	no.	No.	%	%
P.E.I.	37,000	36,000	37,000	103	100
N.S.	57,000	59,000	59,000	97	97
N.B.	56,000	57,000	58,000	98	97
Que.	1,042,000	1,019,000	1,060,000	102	98
Ont.	930,000	930,000	954,000	100	97
Man.	177,000	180,000	182,000	98	97
Sask.	185,000	200,000	193,000	92	96
Alta.	264,000	272,000	274,000	97	96
B.C.	89,000	90,000	89,000	99	100
Totals ..	2,837,000	2,843,000	2,906,000	100	98

TABLE 8. Yearling Heifers Kept on Farms for Milking Purposes, by Province, December 1, 1963 and 1964 and June 1, 1964

Province	December 1		June 1 1964	December 1, 1964 as % of	
	1964	1963		Dec. 1, 1963	June 1, 1964
	no.	no.	No.	%	%
P.E.I.	7,000	7,900	8,400	89	83
N.S.	12,200	13,500	13,600	90	90
N.B.	12,000	13,000	14,000	92	86
Que.	175,000	184,000	200,000	95	88
Ont.	265,000	267,000	285,000	99	93
Man.	40,000	41,000	46,000	98	87
Sask.	35,000	37,000	41,000	95	85
Alta.	52,000	58,000	61,000	90	85
B.C.	23,000	23,000	23,000	100	100
Totals ..	621,200	644,400	692,000	96	90

TABLE 9. Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province, December, 1963 and 1964.

Province and year	Creamery butter-fat	Cheese milk	Milk for ice cream mix and concentration	Fluid cream	Fluid milk	Farm butter	Total
thousand dollars							
P.E.I. 1963	155	16	46	5	66	-	288
1964	169	28	42	6	74	-	319
N.S. 1963	91	-	34	54	717	1	897
1964	85	-	44	56	803	1	989
N.B. 1963	140	9	22	51	524	2	748
1964	134	7	25	53	574	2	795
Que. 1963	2,979	1,169	599	569	4,669	1	9,986
1964	2,818	1,362	512	570	5,156	1	10,419
Ont. 1963	3,616	1,363	1,288	610	7,238	2	14,117
1964	4,332	1,516	1,541	665	7,532	2	15,588
Man. 1963	581	20	46	109	769	1	1,526
1964	599	22	43	108	831	-	1,603
Sask. 1963	602	-	8	74	659	1	1,344
1964	624	-	15	69	708	1	1,417
Alta. 1963	1,142	51	236	175	1,091	1	2,696
1964	1,176	54	237	180	1,161	1	2,809
B.C. 1963	289	29	248	455	1,702	1	2,724
1964	152	18	319	465	1,824	1	2,779
Totals .. 1963	9,595	2,657	2,527	2,102	17,435	10	34,326
1964	10,089	3,007	2,778	2,172	18,663	9	36,718

TABLE 10. Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, December, 1963 and 1964.

Province and year	Creamery butter-fat	Cheese milk	Milk for ice cream mix and concentration	Fluid milk	Farm butter	Average of total sales
	per lb. £	per cwt. \$	per cwt. \$	per cwt. \$	per lb. £	\$ per cwt. of milk
P.E.I. 1963	69.0	2.67	3.03	4.16	55	2.77
	1964	70.0	2.84	3.05	4.30	52	2.84
N.S. 1963	65.0	-	2.85	5.05	58	4.22
	1964	66.0	-	2.81	5.36	56	4.46
N.B. 1963	67.0	2.77	3.34	4.87	59	3.86
	1964	67.0	2.67	3.38	5.06	60	4.02
Que. 1963	72.0	2.75	2.82	4.51	55	3.23
	1964	77.1	2.85	2.90	4.85	55	3.48
Ont. 1963	71.4	3.07	2.88	5.03	57	3.48
	1964	74.0	3.22	3.04	5.05	56	3.51
Man. 1963	64.2	2.71	2.81	4.68	56	3.06
	1964	63.8	2.94	2.81	4.88	56	3.12
Sask. 1963	65.6	-	2.56	4.99	56	3.13
	1964	65.4	-	2.50	5.17	55	3.18
Alta. 1963	66.0	3.08	2.93	4.67	56	3.02
	1964	66.9	3.02	2.91	4.85	56	3.09
B.C. 1963	66.5	3.01	2.98	5.60	52	4.51
	1964	67.5	3.16	2.88	5.63	54	4.72
Canada .. 1963	69.7	2.92	2.88	4.88	57	3.40
	1964	72.3	3.03	2.98	5.04	57	3.52

TABLE 11. Creamery Butter: Domestic Disappearance for December and January to December, 1955 to 1964.

Year	December		January to December	
	Total	Per capita	Total	Per capita
	'000 lb.	lb.	'000 lb.	lb.
1955	26,560	1.69	301,645	19.21
1956	27,604	1.72	313,606	19.50
1957	26,425	1.59	321,554	19.36
1958	27,941	1.63	312,255	18.28
1959	23,018	1.32	303,059	17.33
1960 (1).....	25,702	1.44	289,889	16.22
1961 (1).....	26,881	1.47	288,309	15.81
1962 (1).....	30,158	1.62	320,752	17.27
1963 (1).....	34,726	1.83	351,342	18.56
1964 (1).....	33,564 (2)	1.74	357,067	18.53

(1) Data based on creamery butter and butter oil stocks in terms of butter.

(2) Includes an adjustment for approximately 1,475,000 lb. of butter oil or 1,844,000 lb. in butter equivalent, exported in the month of December.

TABLE 12. Cheese, Supply and Disposition, Canada, December and Cumulative January to December, 1960 to 1964.

Year	Stocks beginning	Production	Imports(1)	Exports	Stocks end	Domestic disappearance	
						Dec.	Jan.-Dec.
'000 lb.							
Cheddar cheese							
1960	57,525	4,353	-	3,140	55,766	2,972	88,590
1961	66,791	5,498	-	4,284	63,993	4,012	91,540
1962	54,240	6,314	1	4,907	51,458	4,190	102,944
1963	64,378	6,783	-	7,565	57,720	5,876	107,861
1964	64,010	7,381	-	7,020	58,937	5,434	112,054
Process cheese							
1960	4,137	4,920	-	17	3,922	5,118	55,176
1961	4,297	6,284	-	20	4,279	6,282	57,467
1962	4,712	5,434	-	14	4,232	5,900	61,109
1963	5,980	6,364	-	32	6,365	5,947	64,638
1964	6,783	5,686	-	38	6,102	6,329	68,503
Other cheese (hard and soft varieties)							
1963	4,511	1,546	1,876	7	3,125	4,801	31,721
1964	3,414	1,687	(2)	1	2,885	2,215	30,675

(1) Trade data for 1964 are preliminary and subject to revision.

(2) Not available.

TABLE 13. Principal Concentrated Milk Products, Supply and Disposition, Canada, December and Cumulative January to December, 1960 to 1964.

Year	Stocks beginning	Production	Imports (1)	Exports	Stocks end	Domestic disappearance	
						December	Jan. - Dec.
'000 lb.							
Evaporated whole milk							
1960	53,659	16,623	-	221	45,453	24,608	312,831
1961	70,528	13,769	-	46	62,158	22,093	302,685
1962	48,354	14,865	-	781	41,164	21,274	307,542
1963	49,123	17,996	-	385	41,897	24,837	306,472
1964	45,054	17,246	-	1,186	35,965	25,149	302,541
Partly skimmed evaporated milk							
1960	2,752	1,613	-	-	2,703	1,662	20,617
1961	3,099	1,396	-	-	2,838	1,657	20,284
1962	2,499	1,312	-	-	2,159	1,652	19,703
1963	2,067	1,105	-	-	1,785	1,387	18,482
1964	1,889	1,654	-	-	2,141	1,402	17,894
Condensed whole milk							
1960	589	1,287	-	-	887	989	14,253
1961	1,034	786	-	-	966	854	14,735
1962	976	1,593	-	-	1,196	1,373	16,082
1963	762	1,483	-	-	736	1,509	17,935
1964	762	1,640	-	-	770	1,632	17,587
Whole milk powder							
1960	6,673	2,099	13	5,227 (2)	5,822	(3)	4,899 (2)
1961	3,229	1,000	36	2,049 (2)	2,565	(3)	3,278 (2)
1962	1,687	1,863	7	3,007	3,109	(3)	2,820
1963	3,500	1,457	-	1,437	2,738	782	5,167
1964	2,958	1,950	-	1,353	3,643	(3)	2,976
Skim milk powder							
1960	24,673	9,541	-	1,328	23,204	9,682	122,749
1961	35,349	10,008	-	14,881	29,875	601	153,277
1962	54,823	9,420	-	1,481	53,513	9,249	132,977
1963	21,998	10,001	-	2,674	20,994	8,331	153,049
1964	34,148	11,070	-	5,968	28,385	10,865	153,517
Casein							
1960	1,762	247	49	101	1,268	689	6,280
1961	2,321	729	59	1,285	2,046	(3)	5,852
1962	2,866	969	1	1,138	2,567	131	8,226
1963	2,201	535	17	1,282	1,551	(3)	6,954
1964	2,077	758	(4)	1,081	1,534	220	8,575

(1) Trade data for 1963 are preliminary and subject to revision.

(2) Apparent disappearance nil or negative due to lagged reporting of exports.

(3) Includes adjustment for 5,000,000 pounds of whole milk powder exported in the last three months of 1960, but due to lagged reporting credited to the first three months of 1961 in trade statistics.

(4) Not available.

TABLE 14. Ice Cream: Production of Hard and Soft Types, by Province, January, 1965, compared with 1964.

Province and year	Hard ice cream	Soft ice cream	Total ice cream
	January		
thousand gallons			
P.E.I. 1964	18	--(1)	18
1965	18	--(1)	18
N.S. 1964	99	--(1)	99
1965	116	1	117
N.B. 1964	65	--(1)	65
1965	68	--(1)	68
Que. 1964	655	4	659
1965	672	4	676
Ont. 1964	963	6	969
1965	899	8	907
Man. 1964	159	3	162
1965	156	3	159
Sask. 1964	149	2	151
1965	117	5	122
Alta. 1964	254	8	262
1965	234	8	242
B.C. 1964	311	12	323
1965	333	16	349
Totals .. 1964	2,673	35	2,708
1965	2,613	45	2,658

(1) Less than 500 gallons.

TABLE 15. Production of Other Products in Ice Cream Industry, Canada, January, 1965, compared with 1964.

Year	Milkshake mix	Sherbet	Water ices	Ice milk
	January			
thousand gallons				
1964	17.3	31.2	29.8	42.5
1965	19.4	38.4	51.3	45.2

TABLE 16. Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, January, 1965 (1)

(Data on Export Sales not included due to disclosure provisions of Statistics Act)

Province and classification	Domestic sales of skim milk powder			
	Total reported	Range of reported prices(2)	Weighted average selling price F.O.B. plant (net)	Price range of "bulk of sales
	'000 lb.	£ per lb.	£ per lb.	£ per lb.
Quebec:				
Spray	2,710	13.3 - 16.8	14.55	14.1 - 14.5
Roller	310	10.8 - 15.8	13.36	13.6 - 14.0
Feed	102	12.8 - 14.8	13.14	12.6 - 13.0
Ontario:				
Spray	3,356	12.8 - 17.3	14.63	14.6 - 15.0
Roller	862	11.8 - 14.8	13.65	14.1 - 14.5
Feed	93	4.8 - 13.3	11.73	12.6 - 13.0

(1) At time of publication reports had not been received from 1 of 69 plants listed as producing in Quebec and Ontario, therefore, the table should not be interpreted as covering total sales in these provinces.

(2) Mid-points of lowest and highest half cent range in which sales were reported.

Livestock and Animal Products Section, Agriculture Division

Issued Monday, March 8, 1965.

SUPPLEMENT TO THE DAIRY REVIEW, JANUARY, 1965

The green pages of this supplement contain revised statistics of milk production and utilization for 1963 and 1964. Utilization data include butter made on farms, the milk equivalent of dairy factory products and fluid sales, milk fed to livestock and milk consumed in farm homes. The 1964 data differ from previously published information which appeared in monthly issues of The Dairy Review in that virtually 100 per cent of the dairy factories and milk distributors known to be operating in Canada have forwarded complete monthly information for the year. Some have corrected monthly reports forwarded earlier. When monthly publications go to press, publication deadlines make it necessary to estimate production of sales for late reporting firms. The 1963 data has been revised slightly from that shown in the supplement to the July 1964 issue of The Dairy Review. Minor changes result from further corrections submitted by firms for that year.

Milk production estimates are the sum of the quantities of milk used in factories, by milk distributors and on farms. Since reporters supply information in terms of dairy products, these products must be converted to milk equivalent. The conversion factors used are found on page 10 of the supplement.

The yellow pages contain revised farm cash income data that correspond to the revised production data appearing in the green pages. Generally the average values used are similar to those used for 1963 and 1964 in the monthly issues of The Dairy Review. Most of the revisions in farm cash income are caused by related changes in milk utilization estimates.

TABLE 1. Farm Butter Made and Sold, Canada, by Month, 1963 and 1964(1)

Month	Total butter made on farms		Butter sold off farms		Butter consumed in farm homes	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	484	405	18	15	466	390
February	456	376	14	13	442	363
March	483	380	15	11	468	369
April	520	425	16	14	504	411
May	554	442	25	18	529	424
June	554	446	28	19	526	427
July	543	453	27	20	516	433
August	543	437	28	19	515	418
September	538	416	22	15	516	401
October	506	415	19	15	487	400
November	472	381	17	14	455	367
December	449	335	15	13	434	322
Year	6,102	4,911	244	186	5,858	4,725

(1) Data for Newfoundland are not available.

TABLE 2. Farm Butter: Production by Province and by Month, 1963 and 1964⁽¹⁾

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	4	4	16	11	20	17
February	4	4	16	13	20	16
March	4	3	13	8	20	10
April	6	5	13	11	24	15
May	5	5	20	14	30	17
June	6	5	30	22	33	26
July	5	6	30	25	29	25
August	6	5	30	25	31	25
September	6	5	30	20	26	21
October	5	5	24	19	24	19
November	4	4	21	16	21	15
December	4	3	15	11	15	14
Year	59	54	258	195	293	220
	Quebec		Ontario		Manitoba	
January	54	27	37	39	64	55
February	28	30	41	31	60	43
March	40	36	55	40	60	43
April	42	45	58	40	55	43
May	44	45	42	36	61	40
June	47	45	40	33	57	40
July	50	47	38	32	57	40
August	50	47	38	26	54	37
September	60	41	53	35	56	37
October	73	45	41	30	55	33
November	49	43	41	29	55	38
December	34	30	40	32	56	36
Year	571	481	524	403	690	485
	Saskatchewan		Alberta		British Columbia	
January	143	121	129	120	17	11
February	143	119	129	110	15	10
March	154	121	125	110	12	9
April	169	143	139	110	14	13
May	171	139	157	132	24	14
June	161	132	157	132	23	11
July	155	130	160	132	19	16
August	150	127	168	132	16	13
September	142	120	150	125	15	12
October	128	123	141	130	15	11
November	128	111	142	114	11	11
December	131	107	143	91	11	11
Year	1,775	1,493	1,740	1,438	192	142

(1) Data for Newfoundland are not available.

TABLE 3. Milk Production and Utilization, by Product and by Month, 1963 and 1964(1)

Month	Total milk production		Creamery butter		Factory cheese(2)	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	1,070,079	1,079,326	361,951	354,932	60,340	66,352
February	966,899	1,022,216	309,792	324,299	49,739	55,868
March	1,205,272	1,232,577	414,087	423,095	72,453	85,960
April	1,518,998	1,502,467	636,761	628,478	113,943	127,022
May	1,815,954	1,856,684	858,172	878,155	171,806	188,024
June	2,140,726	2,182,991	1,139,814	1,156,475	222,211	237,333
July	2,059,601	2,032,043	1,088,919	1,068,585	210,587	215,262
August	1,955,756	1,902,204	1,011,162	985,374	209,647	209,754
September	1,724,963	1,734,202	849,584	863,670	201,133	190,590
October	1,560,358	1,537,582	698,302	685,549	177,018	169,647
November	1,236,086	1,204,886	468,842	460,910	121,321	116,767
December	1,150,509	1,174,917	397,519	403,113	91,136	99,252
Year	18,431,982 ⁽³⁾	18,490,639 ⁽³⁾	8,234,905	8,232,635	1,701,334	1,761,831
	Other factory products(4)		Farm butter		Farm-home consumed	
January	88,795	94,371	11,326	9,477	72,880	74,030
February	80,246	86,792	10,670	8,798	65,130	67,700
March	102,396	111,129	11,303	8,891	72,820	73,820
April	125,816	127,621	12,169	9,945	75,610	74,610
May	160,118	162,447	12,964	10,344	80,210	81,250
June	187,236	191,330	12,963	10,436	82,520	80,380
July	177,257	167,481	12,707	10,600	88,760	86,050
August	156,357	143,109	12,705	10,227	87,560	84,250
September	127,445	125,132	12,589	9,734	81,370	78,530
October	112,704	106,445	11,840	9,711	82,280	78,320
November	87,208	80,251	11,045	8,915	76,650	73,100
December	87,614	93,353	10,506	7,839	77,830	73,200
Year	1,493,192	1,489,461	142,787	114,917	943,620	925,240
	Fed to livestock		Fluid milk		Fluid cream(5)	
January	61,832	58,403	347,856	356,885	65,099	64,876
February	62,242	62,884	327,648	350,702	61,432	65,173
March	100,664	93,212	363,919	366,658	67,630	69,812
April	139,850	116,840	348,823	351,764	66,026	66,187
May	114,260	110,520	350,822	357,736	67,602	68,208
June	81,340	78,950	344,289	356,013	70,353	72,074
July	61,992	60,215	349,373	353,449	70,006	70,401
August	49,980	51,715	359,102	350,275	69,243	67,500
September	47,384	45,488	342,376	355,278	63,082	65,780
October	47,332	43,888	363,205	373,713	67,677	70,309
November	47,054	49,707	357,292	351,345	66,674	63,891
December	53,558	51,783	357,355	370,541	74,991	75,836
Year	867,488	823,605	4,212,060	4,294,359	809,815	820,047

(1) Data for Newfoundland are not available.

(2) Data include milk equivalents of cheddar and other whole milk and cream cheese.

(3) Milk equivalents of cottage cheese, though not available by months, are included in the yearly totals for 1963 and 1964.

(4) Data include milk equivalents of concentrated whole milk products and ice cream mix.

(5) Cream expressed as milk.

TABLE 4. Total Milk Production, by Province and by Month, 1963 and 1964⁽¹⁾
(Milk equivalents of cottage cheese, though not available by months, are included in yearly totals).

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	9,771	11,322	25,213	25,149	21,000	20,937
February	7,618	8,811	23,491	24,286	18,213	19,017
March	8,123	9,473	25,715	25,437	21,673	21,048
April	12,910	14,198	27,891	25,811	27,407	27,567
May	18,752	21,345	29,561	28,413	34,602	34,666
June	27,585	34,526	35,309	33,622	45,194	45,699
July	32,531	35,437	36,562	34,269	45,620	46,641
August	26,759	30,061	32,543	31,203	40,858	39,186
September	22,922	26,170	29,361	29,390	35,387	34,840
October	21,852	22,316	28,773	28,102	31,342	29,979
November	15,104	15,395	25,501	23,930	23,776	23,494
December	12,633	13,387	25,069	25,073	22,035	22,346
Year	216,576	242,460	345,660	335,409	367,200	365,514
	Quebec		Ontario		Manitoba	
January	270,761	262,633	435,934	440,825	65,861	65,729
February	222,863	232,093	396,777	419,976	64,604	68,445
March	312,096	315,208	484,578	502,155	81,523	80,794
April	483,660	461,453	567,563	576,295	93,414	88,032
May	614,249	635,504	650,683	677,144	108,445	101,898
June	815,038	814,893	718,789	749,977	115,746	115,838
July	785,598	764,319	656,099	668,122	116,285	109,405
August	738,448	712,561	647,370	642,580	105,737	98,367
September	668,184	652,562	573,194	594,755	88,527	84,468
October	575,085	550,879	532,374	551,742	79,506	72,959
November	408,901	381,249	451,409	462,687	64,537	59,754
December	339,998	327,814	444,179	483,656	63,669	63,365
Year	6,236,466	6,112,843	6,570,600	6,782,355	1,049,254	1,010,560
	Saskatchewan		Alberta		British Columbia	
January	68,010	69,518	106,973	116,024	66,556	67,189
February	67,497	70,842	104,373	113,995	61,463	64,751
March	81,742	80,137	121,519	128,898	68,303	69,427
April	96,488	93,941	140,355	143,778	69,310	71,392
May	118,003	111,294	160,594	164,065	81,065	82,355
June	125,926	121,399	182,401	189,345	74,738	77,692
July	126,843	114,156	186,604	186,013	73,459	73,681
August	114,855	104,548	175,901	171,069	73,285	72,629
September	93,076	89,270	147,065	148,566	67,247	74,181
October	85,527	80,703	136,911	130,865	68,988	70,037
November	68,870	64,674	114,108	111,232	63,880	62,471
December	65,107	63,652	112,397	112,363	65,422	63,261
Year	1,112,903	1,065,197	1,692,154	1,719,411	841,169	856,890

(1) Data for Newfoundland are not available.

TABLE 5. Milk Equivalents of Factory Products, by Province and by Month, 1963 and 1964(1)

(Milk equivalents of cottage cheese, though not available by months, are included in yearly totals).

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	5,929	7,468	5,405	5,446	5,294	5,775
February	4,140	5,178	4,917	5,050	3,479	4,372
March	4,145	5,349	4,983	5,361	4,888	5,685
April	7,261	9,181	7,281	6,711	10,236	11,561
May	13,051	15,608	8,973	8,735	16,800	18,302
June	22,544	28,672	15,110	13,555	27,435	28,806
July	27,028	29,873	14,064	11,978	27,181	28,361
August	21,904	24,907	10,296	10,227	23,712	22,303
September	18,955	22,018	9,880	9,601	20,147	19,378
October	17,798	18,126	8,078	7,832	15,608	14,082
November	11,290	11,314	5,651	5,312	8,749	8,304
December	8,640	9,301	5,257	5,270	7,010	6,774
Year	162,701	187,014	100,566	95,802	170,632	173,797
	Quebec		Ontario		Manitoba	
January	120,271	112,806	232,796	234,469	31,326	31,364
February	82,073	85,598	203,823	215,112	32,066	33,832
March	135,623	143,836	263,110	278,049	42,947	41,753
April	286,062	276,430	346,966	358,944	54,785	50,536
May	430,423	447,557	434,523	458,098	69,711	66,048
June	647,537	648,639	510,377	535,015	80,413	80,462
July	627,461	606,289	450,494	460,408	81,106	75,109
August	586,024	562,047	440,650	439,300	70,273	65,641
September	522,309	504,937	376,288	389,474	55,033	52,181
October	422,069	399,120	325,478	338,041	43,970	38,759
November	258,557	237,163	248,008	257,835	30,718	27,556
December	183,265	171,029	235,233	266,854	28,518	29,432
Year	4,303,259	4,197,126	4,079,397	4,244,040	622,266	594,179
	Saskatchewan		Alberta		British Columbia	
January	29,890	30,292	56,160	64,003	24,015	24,032
February	31,461	32,181	55,717	63,206	22,101	22,430
March	41,160	40,068	67,266	74,639	24,814	25,444
April	53,185	50,993	84,146	90,810	26,598	27,955
May	74,585	68,445	105,407	108,817	36,623	37,016
June	86,758	80,737	127,641	135,998	31,446	33,254
July	86,926	76,345	133,327	134,534	29,176	28,431
August	75,123	66,800	121,536	119,529	27,648	27,483
September	55,397	53,084	95,742	98,234	24,411	30,485
October	46,716	43,037	84,257	78,662	24,050	23,982
November	31,309	28,877	62,554	62,036	20,535	19,531
December	26,811	28,151	59,703	60,741	21,832	18,166
Year	640,280	600,073	1,056,409	1,094,407	320,702	326,033

(1) Data for Newfoundland are not available.

TABLE 6. Fluid Milk Sales, by Province and by Month, 1963 and 1964⁽¹⁾

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	1,603	1,641	14,611	14,495	11,245	11,023
February	1,521	1,541	13,618	14,222	10,478	10,775
March	1,656	1,563	14,946	14,717	11,576	10,908
April	1,646	1,559	14,716	14,189	11,125	10,814
May	1,714	1,714	14,679	13,862	11,407	10,860
June	1,659	1,703	14,068	14,240	11,300	11,050
July	1,916	1,920	14,791	14,542	11,630	11,529
August	1,937	1,942	15,400	14,573	11,435	11,144
September	1,537	1,656	13,731	14,124	10,413	10,829
October	1,658	1,745	14,817	14,990	11,043	11,272
November	1,569	1,670	14,528	13,873	10,711	10,803
December	1,579	1,720	14,202	14,988	10,766	11,352
Year	19,995	20,374	174,107	172,815	133,129	132,359
	Quebec		Ontario		Manitoba	
January	100,011	103,089	138,021	141,988	15,769	16,188
February	94,728	100,549	130,074	140,328	14,908	15,973
March	104,968	106,019	145,573	147,518	16,548	16,806
April	98,053	102,085	140,420	140,040	16,072	15,863
May	99,305	103,487	140,341	143,252	16,043	16,195
June	96,822	100,181	140,544	145,704	15,338	15,925
July	97,425	98,496	142,688	145,294	15,150	15,422
August	98,496	97,059	145,833	142,441	16,387	15,543
September	97,045	100,364	138,831	145,177	15,369	15,876
October	102,715	104,239	146,300	151,865	16,934	17,374
November	101,504	99,980	143,716	141,956	16,578	15,731
December	103,520	106,301	143,902	149,139	16,440	17,022
Year	1,194,592	1,221,849	1,696,243	1,734,702	191,536	193,918
	Saskatchewan		Alberta		British Columbia	
January	12,943	13,420	23,251	23,483	30,402	31,558
February	12,168	13,292	21,907	23,250	28,246	30,772
March	13,367	13,608	23,997	23,839	31,288	31,680
April	12,962	13,247	23,449	22,759	30,380	31,208
May	13,061	13,416	23,205	23,152	31,067	31,798
June	12,292	13,129	22,539	23,090	29,727	30,991
July	12,322	12,550	22,418	22,151	31,033	31,545
August	13,295	13,057	23,487	22,329	32,832	32,187
September	12,492	13,116	22,348	22,617	30,610	31,519
October	13,739	14,119	24,044	24,738	31,955	33,371
November	13,612	13,064	23,892	23,068	31,182	31,200
December	13,203	13,687	23,357	23,933	30,386	32,399
Year	155,456	159,705	277,894	278,409	369,108	380,228

(1) Data for Newfoundland are not available.

TABLE 7. Milk Equivalent of Fluid Cream Sales, by Province and by Month, 1963 and 1964(1)

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	162	158	1,639	1,791	1,478	1,459
February	157	151	1,692	1,670	1,422	1,449
March	174	161	1,812	1,802	1,601	1,489
April	163	161	1,700	1,674	1,554	1,481
May	170	166	1,731	1,778	1,643	1,516
June	172	174	1,819	1,972	1,747	1,675
July	320	314	3,035	3,194	2,548	2,591
August	257	275	2,275	2,128	1,847	1,849
September	174	204	1,768	1,737	1,411	1,469
October	181	209	1,836	1,794	1,445	1,502
November	158	188	1,720	1,583	1,404	1,415
December	162	195	1,799	1,858	1,518	1,570
Year	2,250	2,356	22,826	22,981	19,618	19,465
	Quebec		Ontario		Manitoba	
January	19,016	18,356	23,551	23,555	4,358	4,500
February	17,307	18,544	22,521	23,811	4,166	4,414
March	18,869	19,811	24,908	25,952	4,554	4,689
April	18,162	19,585	24,119	23,775	4,640	4,407
May	18,692	19,907	24,736	24,052	4,724	4,549
June	20,979	20,920	24,732	26,386	4,421	4,575
July	20,442	20,634	23,028	22,671	4,325	4,468
August	19,758	19,455	23,798	23,031	4,663	4,547
September	17,986	18,572	22,934	23,885	4,235	4,345
October	18,753	18,907	24,137	25,834	4,875	5,024
November	18,493	17,380	24,326	23,817	4,634	4,318
December	22,417	22,442	27,008	27,614	4,911	4,908
Year	230,874	234,513	289,798	294,383	54,506	54,744
	Saskatchewan		Alberta		British Columbia	
January	2,661	2,665	5,513	5,550	6,721	6,842
February	2,502	2,634	5,280	5,565	6,385	6,935
March	2,771	2,690	5,831	5,826	7,110	7,392
April	2,686	2,555	5,808	5,425	7,194	7,124
May	2,705	2,580	5,808	5,797	7,393	7,863
June	2,609	2,574	5,757	5,838	8,117	7,960
July	2,598	2,469	5,815	5,759	7,895	8,301
August	2,807	2,609	6,197	5,872	7,641	7,734
September	2,544	2,572	5,315	5,680	6,715	7,316
October	2,857	2,849	5,991	6,193	7,602	7,997
November	2,834	2,536	5,859	5,591	7,246	7,063
December	2,898	2,760	6,161	6,230	8,117	8,259
Year	32,472	31,493	69,335	69,326	88,136	90,786

(1) Data for Newfoundland are not available.

TABLE 8. Consumption of Milk in Farm Homes, by Province and by Month, 1963 and 1964 (1)

(Data covering milk consumption in farm homes include cream expressed as milk).

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	1,450	1,590	2,200	2,000	2,040	1,820
February	1,290	1,420	1,870	1,940	1,730	1,530
March	1,430	1,420	1,910	1,920	1,780	1,760
April	1,500	1,560	2,020	1,920	1,890	1,800
May	1,680	1,670	2,060	2,170	2,320	2,140
June	1,680	1,690	2,290	2,150	2,760	2,140
July	1,930	1,890	2,470	2,520	2,650	2,680
August	1,850	1,910	2,520	2,390	2,440	2,410
September	1,740	1,720	2,120	2,150	2,270	2,190
October	1,790	1,750	2,180	2,150	2,130	2,190
November	1,590	1,730	1,980	2,110	2,000	2,040
December	1,670	1,610	2,080	2,070	2,020	2,020
Year	19,600	19,960	25,700	25,490	26,030	24,720
	Quebec		Ontario		Manitoba	
January	18,300	18,000	15,800	16,100	7,600	7,290
February	16,100	15,800	14,500	15,500	7,070	7,000
March	18,500	17,700	16,100	16,900	7,990	7,770
April	19,600	18,800	16,400	16,200	8,230	7,540
May	20,400	20,900	16,400	17,000	8,640	7,920
June	20,600	20,700	16,600	16,300	8,470	8,000
July	22,900	22,600	17,800	17,600	8,720	8,240
August	22,000	21,700	18,000	16,900	8,630	8,320
September	20,200	20,000	16,400	16,100	8,110	7,650
October	20,600	19,600	16,900	16,400	8,190	7,730
November	19,400	18,000	16,200	15,900	7,370	7,270
December	19,400	18,000	16,400	16,100	7,590	7,490
Year	238,000	231,800	197,500	197,000	96,610	92,220
	Saskatchewan		Alberta		British Columbia	
January	12,200	12,500	11,300	12,800	1,990	1,930
February	10,700	11,200	10,100	11,500	1,770	1,810
March	12,200	12,100	11,000	12,300	1,910	1,950
April	12,600	12,500	11,400	12,300	1,970	1,990
May	14,100	14,000	12,400	13,300	2,210	2,150
June	14,100	14,000	13,900	13,400	2,120	2,000
July	15,100	14,400	14,900	13,900	2,290	2,220
August	15,100	14,400	14,800	14,000	2,220	2,220
September	14,200	13,400	14,200	13,300	2,130	2,020
October	14,200	13,400	14,200	13,000	2,090	2,100
November	13,300	12,300	12,800	11,800	2,010	1,950
December	13,300	12,100	13,300	11,800	2,070	2,010
Year	161,100	156,300	154,300	153,400	24,780	24,350

(1) Data for Newfoundland are not available.

TABLE 9. Milk Fed to Livestock, by Province and by Month, 1963 and 1964(1)

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
January	533	371	984	1,160	475	462
February	416	427	1,020	1,100	636	517
March	624	910	1,760	1,450	1,360	972
April	2,200	1,620	1,870	1,060	2,040	1,560
May	2,020	2,070	1,650	1,540	1,730	1,450
June	1,390	2,170	1,320	1,190	1,180	1,420
July	1,220	1,300	1,500	1,450	932	895
August	671	910	1,350	1,300	699	895
September	376	455	1,160	1,310	538	483
October	308	369	1,300	891	554	488
November	403	399	1,130	677	421	581
December	488	491	1,380	630	370	302
Year	10,649	11,492	16,424	13,758	10,935	10,025
	Quebec		Ontario		Manitoba	
January	11,900	9,750	24,900	23,800	5,310	5,100
February	12,000	10,900	24,900	24,500	4,990	6,220
March	33,200	27,000	33,600	32,800	8,080	8,770
April	60,800	43,500	38,300	36,400	8,400	8,680
May	44,400	42,600	33,700	33,900	7,900	6,250
June	28,000	23,400	25,600	25,800	5,770	5,940
July	16,200	15,200	21,200	21,400	5,650	5,230
August	11,000	11,200	18,200	20,300	4,520	3,450
September	9,240	7,730	17,500	19,300	4,470	3,550
October	9,240	7,960	18,600	18,900	4,250	3,300
November	9,800	7,720	18,200	22,500	3,950	3,990
December	10,600	9,340	20,700	23,200	4,900	3,670
Year	256,380	216,300	295,400	302,800	68,190	64,150
	Saskatchewan		Alberta		British Columbia	
January	6,970	7,810	7,730	7,380	3,030	2,570
February	7,320	8,750	8,350	7,900	2,610	2,570
March	8,640	8,840	10,500	9,720	2,900	2,750
April	11,100	11,300	12,300	9,910	2,840	2,810
May	9,550	9,600	10,100	9,910	3,210	3,200
June	6,400	7,870	8,890	7,930	2,790	3,230
July	6,270	5,350	6,400	6,580	2,620	2,810
August	5,020	4,710	5,950	6,250	2,570	2,700
September	5,120	4,290	5,950	5,810	3,030	2,560
October	5,020	4,420	5,120	5,230	2,940	2,330
November	4,820	5,300	5,680	6,070	2,650	2,470
December	5,830	4,450	6,530	7,530	2,760	2,170
Year	82,060	82,690	93,500	90,220	33,950	32,170

(1) Data for Newfoundland are not available.

CONVERSION RATES

To obtain pounds butter-fat or milk equivalent, multiply the gallons or pounds of product by the conversion rates shown under respective headings below.

Product	Butter-fat	Milk (1)
		pounds
Butter .....	.81	23.4
Cheese (cheddar and other factory cheese made from whole milk) .....	.34	11.0
Ice cream mix (gallons)(2)	1.21	34.0
Cottage cheese (creamed) .....	.04	1.14
Cream cheese .....	.32	10.3
Condensed milk .....	.08	2.3
Evaporated milk .....	.08	2.3
Partly skimmed evaporated milk .....	.04	1.14
Evaporated milk of 2% fat .....	.02	0.57
Whole milk powder .....	.27	8.0
Cream powder .....	.735	21.0
Malted milk .....	.075	2.5
		Skim Milk
Condensed skim milk	-	3.0
Evaporated skim milk	-	3.0
Skim milk powder	-	11.0
Casein	-	40.0
Cottage cheese	-	7.0
		Buttermilk
Condensed buttermilk	-	3.0
Buttermilk powder	-	12.0
		Whey
Lactose (sugar of milk)	-	22.0
Whey powder	-	20.0

(1) Milk with 3.5 per cent butter-fat.

(2) Converted on basis of 11 pounds per gallon and 11 per cent milk fat by weight.

NET WEIGHT OF STANDARD UNITS

Commodity	Gallons	Quarts	Pints
	CONVERSION RATE TO POUNDS		
Whole milk	10.3	2.58	1.29
Skim milk	10.4	2.59	1.30
Cream	10.0	2.50	1.25

TABLE 10. Average Values, at the Farm, for Milk and Cream Used in Dairy Products, by Province and by Month, 1963

Month	Prince Edward Island				Nova Scotia				New Brunswick			
	Creamy B.F.	Cheese Milk	Mfg. Milk (1)	Fluid Milk	Creamy B.F.	Cheese Milk	Mfg. Milk (1)	Fluid Milk	Creamy B.F.	Cheese Milk	Mfg. Milk (1)	Fluid Milk
	¢ per lb.	\$ per cwt.			¢ per lb.	\$ per cwt.			¢ per lb.	\$ per cwt.		
Jan.	68.0	2.59	2.96	4.12	67.0	-	2.78	4.96	66.0	2.46	3.30	4.75
Feb.	69.0	2.63	3.00	4.11	67.0	-	2.78	4.95	66.0	2.54	3.29	4.74
Mar.	68.0	2.59	2.91	4.09	67.0	-	2.79	4.96	66.0	2.47	3.28	4.73
Apr.	68.5	2.63	2.82	4.10	67.0	-	2.76	4.93	66.0	2.47	3.28	4.72
May	68.5	2.51	2.76	4.10	65.0	-	2.68	4.92	65.5	2.54	3.28	4.72
June	68.5	2.52	2.72	4.16	63.0	-	2.63	4.92	65.0	2.59	3.28	4.73
July	68.5	2.52	2.70	4.12	62.0	-	2.64	4.89	65.0	2.64	3.27	4.74
Aug.	68.5	2.67	2.73	4.11	63.0	-	2.83	4.92	65.5	2.65	3.24	4.77
Sept.	69.0	2.67	2.79	4.14	64.0	-	2.71	4.96	66.0	2.71	3.29	4.79
Oct.	69.0	2.67	2.86	4.17	64.0	-	2.85	4.97	67.0	2.68	3.33	4.83
Nov.	69.0	2.67	2.93	4.17	65.0	-	2.86	4.99	67.0	2.81	3.34	4.87
Dec.	69.0	2.67	3.03	4.16	65.0	-	2.85	5.05	67.0	2.77	3.34	4.87
Year	68.6	2.61	2.80	4.13	64.4	-	2.73	4.95	65.7	2.63	3.29	4.77
	Quebec				Ontario				Manitoba			
Jan.	70.4	2.76	2.68	4.51	68.8	2.82	2.74	4.84	63.4	2.60	2.77	4.63
Feb.	70.4	2.76	2.60	4.51	68.7	2.83	2.67	4.83	63.4	2.64	2.77	4.61
Mar.	70.4	2.76	2.66	4.51	69.6	2.73	2.66	4.83	63.4	2.63	2.77	4.61
Apr.	70.4	2.76	2.56	4.51	70.0	2.66	2.57	4.83	63.2	2.59	2.77	4.58
May	71.5	2.74	2.54	4.50	73.0	2.70	2.53	4.83	63.4	2.54	2.80	4.59
June	71.7	2.75	2.53	4.50	69.9	2.75	2.47	4.81	63.8	2.54	2.81	4.58
July	71.7	2.75	2.49	4.51	70.0	2.77	2.46	4.76	63.6	2.59	2.81	4.59
Aug.	71.5	2.75	2.59	4.51	70.0	2.81	2.49	4.76	63.6	2.63	2.81	4.60
Sept.	71.5	2.74	2.64	4.52	70.0	2.92	2.62	4.96	63.6	2.70	2.81	4.62
Oct.	71.5	2.79	2.73	4.53	70.7	3.02	2.73	5.00	63.6	2.78	2.81	4.67
Nov.	72.0	2.76	2.82	4.52	71.5	3.13	2.87	5.03	65.0	2.77	2.81	4.69
Dec.	72.0	2.75	2.82	4.51	71.4	3.07	2.88	5.03	64.2	2.71	2.81	4.68
Year	71.5	2.76	2.61	4.51	70.3	2.84	2.61	4.88	63.7	2.64	2.79	4.62
	Saskatchewan				Alberta				British Columbia			
Jan.	64.5	-	2.47	4.98	66.0	2.90	2.98	4.65	65.5	2.81	2.78	5.51
Feb.	64.6	-	2.46	4.95	66.1	2.86	2.86	4.62	65.5	2.82	2.74	5.46
Mar.	64.6	-	2.40	4.93	66.1	2.82	2.83	4.60	67.2	2.83	2.75	5.42
Apr.	64.4	-	2.40	4.90	66.0	2.79	2.82	4.61	68.8	2.86	2.72	5.47
May	64.3	-	2.35	4.49	65.9	2.76	2.70	4.59	67.2	2.86	2.77	5.48
June	64.1	-	2.34	4.46	65.7	2.76	2.70	4.59	66.5	2.89	2.86	5.46
July	64.6	-	2.39	4.46	65.4	2.79	2.77	4.61	66.5	2.97	2.65	5.48
Aug.	63.4	-	2.41	4.58	65.4	2.81	2.78	4.62	66.5	3.05	3.03	5.47
Sept.	64.9	-	2.45	4.61	65.4	2.89	2.85	4.64	66.5	3.16	3.07	5.51
Oct.	64.8	-	2.49	4.98	65.5	3.03	2.92	4.66	66.5	3.16	3.10	5.58
Nov.	65.2	-	2.56	5.05	65.9	3.07	2.98	4.68	66.5	3.15	3.00	5.64
Dec.	65.6	-	2.56	4.99	66.0	3.08	2.93	4.67	66.5	3.01	2.98	5.60
Year	64.5	-	2.41	4.79	65.7	2.87	2.82	4.63	66.7	2.96	2.86	5.51

(1) Manufacturing milk prices include milk and cream used in the production of ice creammix and concentrated milk products, all expressed as milk equivalents.

TABLE 11. Average Values, at the Farm, for Milk and Cream Used in Dairy Products, by Province and by Month, 1964

Month	Prince Edward Island				Nova Scotia				New Brunswick				
	Creamy B.F.	Cheese Milk	Mfg. Milk (1)	Fluid Milk	Creamy B.F.	Cheese Milk	Mfg. Milk (1)	Fluid Milk	Creamy B.F.	Cheese Milk	Mfg. Milk (1)	Fluid Milk	
	¢ per lb.	\$ per cwt.			¢ per lb.	\$ per cwt.			¢ per lb.	\$ per cwt.			
Jan.	69.0	2.66	2.99	4.11	65.0	-	2.95	5.02	67.0	2.72	3.35	5.00	
Feb.	69.0	2.66	3.00	4.27	65.0	-	2.93	5.02	67.0	2.72	3.38	4.99	
Mar.	69.0	2.66	2.95	4.26	65.0	-	2.93	5.02	67.0	2.71	3.39	5.03	
Apr.	69.0	2.64	2.85	4.26	65.0	-	2.93	5.03	67.0	2.71	3.38	5.03	
May	69.0	2.51	2.83	4.27	65.0	-	2.92	5.29	66.0	2.67	3.39	5.03	
June	68.0	2.58	2.79	4.29	64.0	-	2.89	5.31	65.0	2.59	3.39	5.03	
July	69.0	2.62	2.72	4.25	65.0	-	2.90	5.30	65.0	2.67	3.37	5.00	
Aug.	68.5	2.76	2.75	4.25	65.0	-	2.81	5.30	66.0	2.67	3.34	5.03	
Sept.	69.0	2.84	2.84	4.28	65.0	-	2.83	5.32	66.0	2.67	3.38	5.05	
Oct.	69.0	2.84	2.93	4.33	66.0	-	2.84	5.35	67.0	2.67	3.38	5.05	
Nov.	70.0	2.84	3.09	4.30	66.0	-	2.85	5.36	67.0	2.67	3.38	5.06	
Dec.	70.0	2.84	3.05	4.30	66.0	-	2.81	5.36	67.0	2.67	3.38	5.06	
Year	68.9	2.72	2.84	4.27	65.0	-	2.88	5.22	66.0	2.67	3.38	5.03	
		Quebec				Ontario				Manitoba			
Jan.	72.4	2.76	2.79	4.54	72.2	2.98	2.84	5.02	64.2	2.63	2.81	4.65	
Feb.	72.4	2.75	2.72	4.54	72.9	2.95	2.82	5.00	64.2	2.70	2.81	4.65	
Mar.	72.9	2.77	2.71	4.56	73.0	2.93	2.79	5.01	64.4	2.66	2.81	4.64	
Apr.	72.9	2.78	2.67	4.55	73.0	2.82	2.75	5.02	64.0	2.55	2.81	4.65	
May	72.9	2.80	2.64	4.58	71.5	2.96	2.67	5.02	63.4	2.71	2.81	4.64	
June	74.5	2.80	2.60	4.56	71.4	2.93	2.59	4.98	63.4	2.68	2.81	4.63	
July	74.0	2.80	2.56	4.54	71.4	2.97	2.53	4.94	62.8	2.80	2.81	4.62	
Aug.	75.3	2.79	2.73	4.74	71.9	3.03	2.63	4.95	63.2	2.75	2.81	4.68	
Sept.	75.8	2.82	2.78	4.77	72.3	3.03	2.70	4.97	63.4	2.86	2.81	4.83	
Oct.	76.6	2.84	2.81	4.81	72.4	3.18	2.85	5.02	63.4	3.07	2.81	4.90	
Nov.	77.1	2.86	2.86	4.81	73.9	3.34	3.05	5.05	63.6	2.99	2.81	4.89	
Dec.	77.1	2.85	2.90	4.85	74.0	3.22	3.04	5.05	63.8	2.94	2.81	4.88	
Year	74.7	2.81	2.70	4.65	72.3	3.02	2.74	5.00	63.6	2.75	2.81	4.72	
		Saskatchewan				Alberta				British Columbia			
Jan.	66.0	-	2.49	4.94	66.8	2.97	2.89	4.64	66.5	2.91	3.04	5.51	
Feb.	65.8	-	2.42	4.92	66.9	2.94	2.83	4.77	66.5	2.89	3.01	5.51	
Mar.	66.0	-	2.43	4.88	67.1	2.93	2.81	4.78	66.5	2.89	2.95	5.49	
Apr.	66.2	-	2.42	4.68	66.9	2.89	2.77	4.78	66.5	2.90	2.87	5.50	
May	65.5	-	2.39	4.58	66.6	2.84	2.71	4.77	66.5	2.95	2.82	5.41	
June	64.2	-	2.33	4.68	66.6	2.83	2.67	4.74	67.5	3.15	2.85	5.37	
July	65.1	-	2.37	4.71	66.4	2.86	2.71	4.77	67.5	3.20	2.81	5.40	
Aug.	65.3	-	2.41	4.76	66.4	2.85	2.78	4.78	67.5	3.17	2.83	5.48	
Sept.	65.5	-	2.46	5.04	66.7	2.92	2.91	4.82	67.5	3.18	2.85	5.60	
Oct.	65.7	-	2.48	5.17	66.7	2.93	2.91	4.84	67.5	3.19	2.89	5.65	
Nov.	65.8	-	2.52	5.17	66.9	3.02	2.93	4.85	67.5	3.20	2.79	5.69	
Dec.	65.4	-	2.50	5.17	66.9	3.02	2.91	4.85	67.5	3.16	2.88	5.63	
Year	65.4	-	2.43	4.89	66.7	2.90	2.79	4.78	67.1	3.06	2.88	5.52	

(1) Manufacturing milk prices include milk and cream used in the production of ice cream mix and concentrated milk products, all expressed as milk equivalents.

TABLE 12. Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Product and by Month, 1963 and 1964(1)

Month	Total farm cash income(2)		1. Creamery butter-fat		2. Cheese milk(3)	
	1963	1964	1963	1964	1963	1964
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
January	31,107	32,431	8,498	8,592	1,685	1,913
February	28,143	30,860	7,242	7,857	1,392	1,602
March	33,735	35,736	9,753	10,303	1,987	2,456
April	39,996	41,504	15,111	15,385	3,087	3,562
May	48,099	50,563	20,757	21,347	4,669	5,439
June	56,481	59,568	27,329	28,406	6,103	6,812
July	54,835	55,880	26,076	26,165	5,805	6,225
August	53,037	53,614	24,182	24,429	5,833	6,127
September	47,827	50,146	20,395	21,562	5,712	5,602
October	44,705	46,086	16,794	17,199	5,154	5,114
November	36,813	37,124	11,352	11,605	3,576	3,613
December	34,326	36,718	9,595	10,089	2,657	3,007
Year	509,812	530,983	197,084	202,939	48,368	52,225
	3. Fluid Milk		4. Fluid Cream		5. Fluid Sales	
January	16,646	17,399	1,811	1,805	18,457	19,204
February	15,632	17,101	1,702	1,820	17,334	18,921
March	17,344	17,903	1,882	1,947	19,226	19,850
April	16,635	17,161	1,857	1,862	18,492	19,023
May	16,666	17,472	1,839	1,911	18,505	19,383
June	16,320	17,318	1,897	1,957	18,217	19,275
July	16,518	17,142	1,915	1,953	18,433	19,095
August	17,011	17,248	1,889	1,917	18,900	19,165
September	16,526	17,654	1,722	1,847	18,248	19,501
October	17,684	18,748	1,900	1,976	19,584	20,724
November	17,471	17,679	1,891	1,837	19,362	19,516
December	17,435	18,663	2,102	2,172	19,537	20,835
Year	201,888	211,488	22,407	23,004	224,295	234,492
	6. Manufacturing milk(4)		7. Farm butter		(1) Data for Newfoundland are not available. (2) Total of 1, 2, 5, 6 and 7. (3) Annual total includes cash income from cream used in creamed cottage cheese. (4) Milk and cream for manufacture of ice cream mix and concentrated whole milk products.	
January	2,456	2,711	11	11		
February	2,166	2,471	9	9		
March	2,760	3,119	9	8		
April	3,296	3,525	10	9		
May	4,152	4,382	16	12		
June	4,815	5,062	17	13		
July	4,505	4,383	16	12		
August	4,106	3,880	16	13		
September	3,459	3,471	13	10		
October	3,162	3,039	11	10		
November	2,512	2,381	11	9		
December	2,527	2,778	10	9		
Year	39,916	41,202	149	125		

TABLE 13. Farm Cash Income from the Sale of Milk, Cream and Farm Butter,
by Province and by Month, 1963 and 1964(1)

(Annual total farm cash income figures for each province include cash income from cream used in the manufacture of creamed cottage cheese).

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
January	219	263	907	914	714	745
February	172	204	844	887	631	699
March	175	208	918	926	723	744
April	250	302	954	929	824	878
May	392	467	988	1,001	994	1,039
June	626	788	1,096	1,138	1,235	1,290
July	746	831	1,136	1,158	1,273	1,333
August	622	709	1,070	1,083	1,168	1,158
September	539	632	967	1,034	1,023	1,063
October	517	543	979	1,047	957	965
November	351	363	913	922	783	798
December	288	319	897	989	748	795
Year	4,897	5,629	11,688	12,049	11,075	11,509
	Quebec		Ontario		Manitoba	
January	8,056	8,100	13,059	13,849	1,525	1,561
February	6,806	7,279	11,882	13,242	1,494	1,605
March	8,673	9,103	14,189	15,338	1,820	1,830
April	12,074	12,315	15,972	16,981	2,054	1,975
May	15,798	16,786	18,453	19,752	2,392	2,330
June	21,193	22,005	20,100	21,800	2,602	2,634
July	20,713	20,695	18,617	19,697	2,607	2,483
August	19,720	19,971	18,628	19,215	2,429	2,293
September	18,041	18,716	17,153	18,152	2,034	2,028
October	15,912	16,235	16,483	17,437	1,883	1,831
November	11,735	11,700	14,490	15,013	1,584	1,485
December	9,986	10,419	14,117	15,588	1,526	1,603
Year	168,747	173,366	193,454	206,397	23,984	23,695
	Saskatchewan		Alberta		British Columbia	
January	1,380	1,423	2,579	2,783	2,668	2,793
February	1,369	1,452	2,486	2,782	2,459	2,710
March	1,648	1,647	2,867	3,097	2,722	2,843
April	1,887	1,853	3,231	3,411	2,750	2,860
May	2,312	2,231	3,700	3,849	3,070	3,108
June	2,537	2,471	4,178	4,467	2,914	2,975
July	2,560	2,373	4,304	4,397	2,879	2,913
August	2,329	2,198	4,093	4,062	2,978	2,925
September	1,886	1,931	3,434	3,597	2,750	2,993
October	1,806	1,782	3,279	3,251	2,889	2,995
November	1,469	1,399	2,783	2,775	2,705	2,669
December	1,344	1,417	2,696	2,809	2,724	2,779
Year	22,550	22,203	39,709	41,364	33,708	34,771

(1) Data for Newfoundland are not available.

TABLE 14. Farm Cash Income from Milk and Cream Used in Fluid Sales, by Province and by Month, 1963 and 1964 (1)

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
January	71	72	773	781	583	600
February	68	71	723	763	544	587
March	74	72	795	793	601	599
April	72	71	775	764	576	594
May	75	78	773	787	592	597
June	75	79	744	816	591	613
July	89	92	809	865	634	663
August	88	92	823	835	605	623
September	70	78	733	804	545	597
October	75	83	789	857	581	620
November	70	78	776	792	569	595
December	71	80	771	859	575	627
Year	898	946	9,284	9,716	6,996	7,315
	Quebec		Ontario		Manitoba	
January	5,001	5,152	7,212	7,656	826	852
February	4,719	5,049	6,787	7,549	779	841
March	5,221	5,343	7,599	7,980	863	885
April	4,903	5,162	7,332	7,565	837	837
May	4,944	5,246	7,300	7,735	840	852
June	4,875	5,070	7,267	7,842	798	837
July	4,907	4,967	7,264	7,679	790	810
August	4,944	5,122	7,437	7,562	856	827
September	4,837	5,251	7,377	7,757	804	862
October	5,137	5,460	7,851	8,231	899	961
November	5,065	5,226	7,788	7,764	880	864
December	5,238	5,726	7,848	8,197	878	939
Year	59,791	62,774	89,062	93,517	10,050	10,367
	Saskatchewan		Alberta		British Columbia	
January	711	729	1,235	1,246	2,045	2,116
February	664	718	1,159	1,265	1,891	2,078
March	726	729	1,266	1,304	2,081	2,145
April	699	682	1,242	1,240	2,056	2,108
May	650	676	1,224	1,267	2,107	2,145
June	609	674	1,192	1,253	2,066	2,091
July	612	650	1,194	1,218	2,134	2,151
August	677	685	1,256	1,231	2,214	2,188
September	638	724	1,187	1,253	2,057	2,175
October	755	801	1,290	1,374	2,207	2,337
November	760	739	1,286	1,281	2,168	2,177
December	733	777	1,266	1,341	2,157	2,289
Year	8,234	8,584	14,797	15,273	25,183	26,000

(1) Data for Newfoundland are not available.



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TABLE 15. Farm Cash Income from Milk Used in Fluid Milk Sales, by Province and by Month, 1963 and 1964 (1)

Month	Prince Edward Island		Nova Scotia		New Brunswick	
	1963	1964	1963	1964	1963	1964
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
January	66	67	725	728	534	551
February	63	66	674	714	497	538
March	68	67	741	739	548	549
April	67	66	725	714	525	544
May	70	73	722	733	538	546
June	69	73	692	756	534	556
July	79	82	723	771	551	576
August	80	83	758	772	545	561
September	64	71	681	751	499	547
October	69	76	736	802	533	569
November	65	72	725	744	522	547
December	66	74	717	803	524	574
Year	826	870	8,619	9,027	6,350	6,658
	Quebec		Ontario		Manitoba	
January	4,510	4,680	6,680	7,128	730	753
February	4,272	4,565	6,283	7,016	687	743
March	4,734	4,834	7,031	7,391	763	780
April	4,422	4,645	6,782	7,030	736	738
May	4,469	4,740	6,778	7,191	736	751
June	4,357	4,568	6,760	7,256	702	737
July	4,394	4,472	6,792	7,178	695	712
August	4,442	4,601	6,942	7,051	754	727
September	4,386	4,787	6,886	7,215	710	767
October	4,653	5,014	7,315	7,624	791	851
November	4,588	4,809	7,229	7,169	778	769
December	4,669	5,156	7,238	7,532	769	831
Year	53,896	56,871	82,716	86,781	8,851	9,159
	Saskatchewan		Alberta		British Columbia	
January	645	663	1,081	1,090	1,675	1,739
February	602	654	1,012	1,109	1,542	1,696
March	659	664	1,104	1,140	1,696	1,739
April	635	620	1,081	1,088	1,662	1,716
May	586	614	1,065	1,104	1,702	1,720
June	548	614	1,035	1,094	1,623	1,664
July	550	591	1,033	1,057	1,701	1,703
August	609	622	1,085	1,067	1,796	1,764
September	576	661	1,037	1,090	1,687	1,765
October	684	730	1,120	1,197	1,783	1,885
November	687	675	1,118	1,119	1,759	1,775
December	659	708	1,091	1,161	1,702	1,824
Year	7,440	7,816	12,862	13,316	20,328	20,990

(1) Data for Newfoundland are not available.