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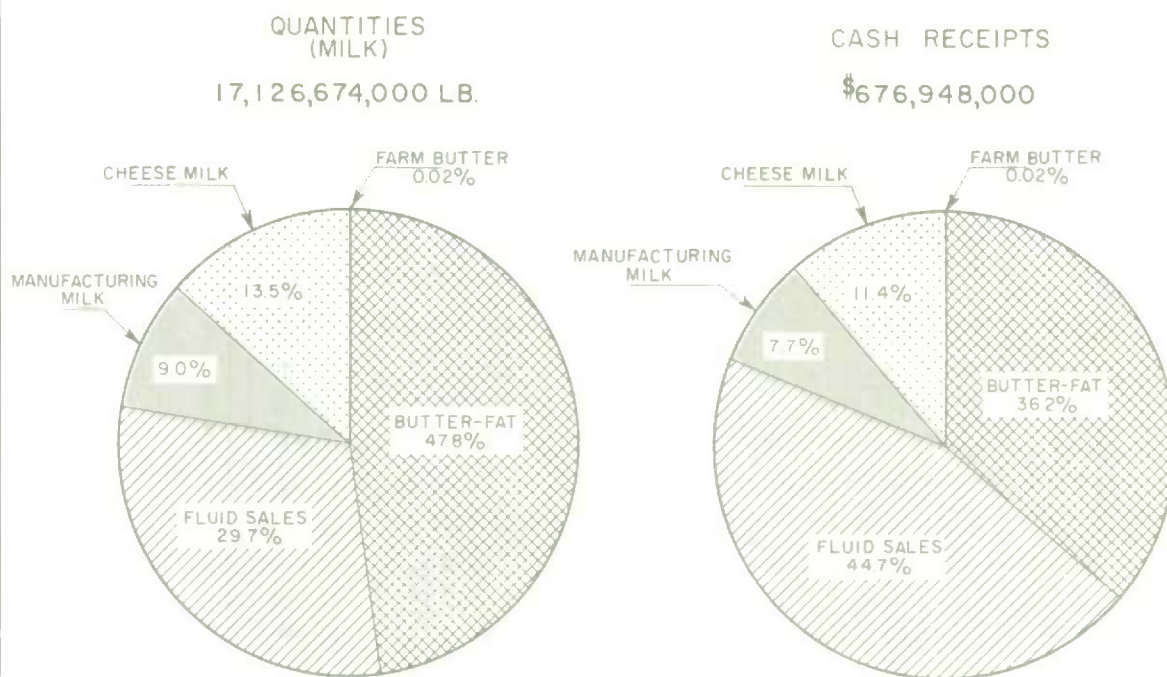
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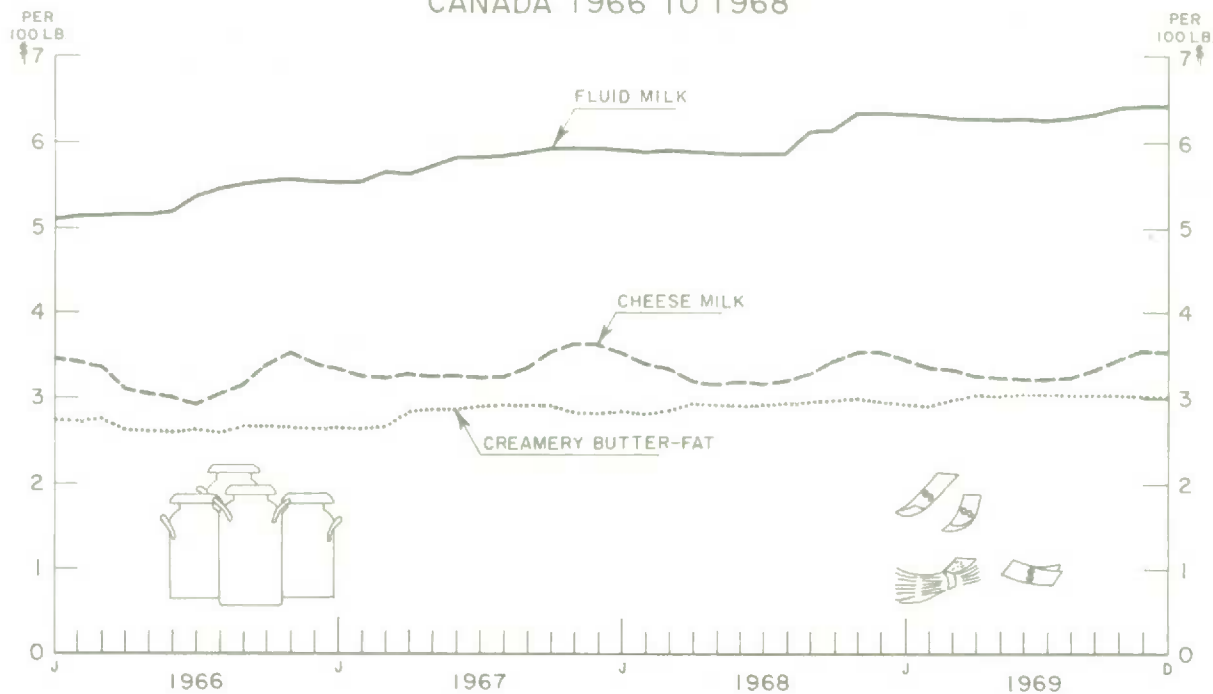
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FARM SALES OF DAIRY PRODUCTS 1969



AVERAGE FARM VALUE OF FLUID MILK, CHEESE MILK AND
CREAMERY BUTTER-FAT EXPRESSED AS MILK
CANADA 1966 TO 1968



DAIRY STATISTICS

1969

INTRODUCTION

Milk production in Canada for 1969 was estimated at 18.7 billion pounds, 1.8 per cent higher than the revised estimate for 1968. The increase was mostly due to a 6.6 per cent advance in Quebec, although 3.0 per cent more milk was produced in the three Maritime Provinces than in 1968. Milk production decreased 3.5 and 2.6 per cent, respectively, in Alberta and British Columbia from a year earlier, while declines of about 1.0 per cent were recorded in Ontario, Manitoba and Saskatchewan. Quebec and Ontario accounted for almost three quarters (13.8 billion pounds) of the total milk output, the four western provinces 4.0 billion pounds and the three Maritime Provinces 0.9 billion pounds. Estimates for Newfoundland are not available.

Almost two thirds (65 per cent) of total milk output was utilized for the manufacture of dairy factory products, 27 per cent for sales of milk and cream for consumption and 8 per cent was used on farms. This conforms to the pattern established over the past few years. The portion of total output used for manufactured products breaks down as follows: 44 per cent for creamery butter, 13 per cent for cheese and 4 per cent for both concentrated whole milk products and ice cream mix. The 8 per cent on farms breaks down as follows: 4 per cent consumed in farm homes, 4 per cent fed to livestock and less than one half of one per cent used in the manufacture of farm butter.

Milk cow numbers at June 1, 1969, were estimated at 2,584,000, down 1.2 per cent from 2,616,000 at June 1, 1968. All provinces except Quebec contributed to the decline. A 2.0 per cent increase in Quebec was responsible for an 0.3 per cent increase in milk cow numbers in Eastern Canada. In Western Canada milk cows decreased by 7.0 per cent. Dairy heifer numbers, at 616,000, were

1.1 per cent higher than a year ago. This was reflected in increased numbers in all provinces except New Brunswick and the three prairie provinces where dairy heifers declined 3.6 and 10.1 per cent, respectively.

The farm value of all milk produced in 1969 amounted to \$743 million. Farm cash receipts from the sale of milk, cream and farm butter accounted for \$677 million; the value of milk, cream and farm butter consumed on the farm for \$28 million; and the value of whole milk, skim milk and buttermilk fed to farm animals for \$38 million. The farm cash receipts from dairying were 5.1 per cent higher than in 1968. Sales of milk for fluid purposes accounted for \$303 million, 4.2 per cent more than a year earlier. Farm cash receipts from milk and cream sold for creamery butter manufacture was \$245 million, 7.3 per cent higher than in 1968, while receipts from milk used for other factory products amounted to \$129 million, 3.1 per cent more than in 1968.

Farm cash receipts estimates from the sale of dairy products include the basic plant paying price less haulage and, where applicable, quality premiums, bonuses, patronage dividends and those government subsidies which, in the past, were paid indirectly to farmers through plants as a part of the plant price. Farm cash receipts do not include government payments made direct to farmers by government cheque, nor do they reflect any allowance for costs incurred by farmers in the production of dairy products.

Direct Federal and Provincial subsidy payments, relative to this report, have been summarized in the following tables:

Approximate Subsidy Rates for Manufacturing Milk and Cream

Dairy year	Federal		Dairy year	Provincial	
	Milk	Cream		Milk	Cream
	\$ per cwt.	¢ per lb. b.f.		\$ per cwt.	¢ per lb. b.f.
April 1 to March 31:			Quebec, 1966-67 (effective Apr./66 to Mar./67):		
1965-66 .....	.20	5.71	April to September .....	.05	.05
1966-67 .....	.75	21.43	October to March .....	.10	.10
1967-68	1.10	31.42	Ontario, 1966-67 (effective Oct./66 to Mar./67) .....	.25	.10
1968-69	1.16	36.42			
	1.10 ¹	36.42			
1969-70 .....	.96	34.71			

¹ Effective August 1, 1968.

Combined Direct Federal and Provincial Subsidy Payments, by Province, 1965 to 1969

Province	1965	1966	1967	1968	1969
	thousands of dollars				
Prince Edward Island	323	924	1,632	1,863	1,509
Nova Scotia	91	385	670	606	417
New Brunswick	248	669	1,234	1,276	982
Quebec	6,750	33,331	42,604	47,474	38,234
Ontario	6,044	22,498	36,954	36,757	29,767
Manitoba	954	2,429	4,725	5,313	4,041
Saskatchewan	554	2,632	4,492	4,748	3,252
Alberta	1,704	4,670	9,586	10,154	7,911
British Columbia	244	1,053	1,332	1,509	829
Canada	16,912	68,591	103,229	109,700	86,942

The average farm unit value of all milk sold by farmers, including the milk equivalent of cream, advanced 11 cents to \$3.95 per cwt. in 1969. This was the eighth successive year to show an increase in the value of milk. Milk purchased by fluid milk distributors for sales as fluid milk, averaged 32 cents per cwt. higher in 1969, whereas milk utilized for the manufacture of concentrated whole milk products and ice cream mix brought 4 cents per cwt. more to farmers than in 1968. Cream for the manufacture of creamery butter averaged 0.7 cents per pound butterfat more in 1969, and milk used for cheese-making was 3 cents per cwt. higher. Whole milk, excluding cream, used in the manufacture of all dairy products averaged 6 cents per cwt. higher in 1969.

On March 31, 1969, the Canadian Dairy Commissions dairy stabilization program for the dairy year April 1, 1969 to March 31, 1970, was announced. The program was substantially the same as that for the previous dairy year and consisted of market price support for the major dairy products and direct subsidy to manufacturing milk and cream shippers on a quota basis. Beginning April 1, 1969; the Commission started to make direct subsidy payments of \$1.25 per cwt. on manufacturing milk testing 3.5 per cent butterfat, or 35.71¢ per pound butterfat for cream. From this gross subsidy rate a deduction was made for export assistance amounting to 26¢ per cwt. on quota milk and 52¢ per cwt. on any milk in excess of quota. One cent per pound butterfat was deducted on cream shipments. In addition, the Canadian Dairy Commission announced it would continue to purchase, subject to certain terms and conditions, Canada First Grade butter at 65¢ per pound for 40-93 score and 64¢ per pound for 39-92 score. The Commission's selling price for butter was also continued at 65¢ per pound. Canada First Grade spray processed skim milk powder was supported at 20¢ per pound, basis in storage Montreal or Toronto and subject to general requirements of purchase, as previously. Support prices for First Grade cheddar cheese remained as follows: 44¢ per pound for cheese produced in

April; 47¢ for 93 score and 46½¢ for 92 score with respect to cheese produced from May 1 to October 31; and 42¢ per pound for cheese produced from November 1, 1969 to March 31, 1970, all cheese subject to general requirements of purchase. Production payments to manufacturers of dry casein were made on the basis of 30¢ per pound for casein precipitated and dried in the same plant and 23¢ per pound for casein precipitated and forwarded to a central drying plant. The Canadian Dairy Commission agreed to pay the following export subsidies during the 1969-70 dairy year, under certain terms and conditions: cheddar cheese at 15½¢ per pound was reduced to 13¢ per pound on shipments made after July 13, 1969. (assistance does not apply to U.S.A.); evaporated and condensed milk at 2¢ per pound; dry whole milk powder at 6¢ per pound; and substantial export subsidy to spray and roller process skim milk powder to meet world markets.

Creamery butter production in 1969 amounted to 350 million pounds, 4.2 per cent higher than a year earlier, but 3.3 per cent or 11.9 million pounds below the record output in 1962. Five provinces, including the three Maritime Provinces, Quebec and Saskatchewan, contributed to the increase in butter production. The most significant was a 12.4 per cent increase for Quebec production followed by a 26.8 per cent increase for Nova Scotia. Declines ranged from 1.9 per cent for Ontario to 24.5 per cent for British Columbia. Total Canadian butter production, which includes creamery, farm-made and whey butter, was 358 million pounds in 1969. Cheddar cheese production, at 168 million pounds, was 0.8 per cent higher than in 1968. Ontario, the largest producer of cheddar cheese, manufactured 85 million pounds in 1969, 1.3 per cent more than a year earlier; whereas Quebec produced 70 million pounds, 1.9 per cent less than in 1968. Ice cream mix production, at 29 million gallons, was 4.2 per cent above production in 1968. In ice cream equivalent this amounted to approximately 58 million gallons, of which 54 million gallons was estimated to be hard ice cream and 4 million gallons soft ice

cream. Output of evaporated milk, the most important of the concentrated whole milk products, decreased 5.0 per cent to 282 million pounds in 1969; whole milk powder production declined 25.5 per cent to 3 million pounds; and skim milk powder, the leading by-product, increased 9.5 per cent to almost 395 million pounds in 1969.

The domestic disappearance of creamery butter declined to 322 million pounds in 1969. The 15.28 pounds per capita was one and three-quarter pounds below the average for the past ten years, but more than 11 pounds below the record per capita disappearance in 1942. Cheddar cheese consumed as such, at 75.6 million pounds or 3.58 pounds per capita, increased both in total and per capita rate from a year earlier. The domestic disappearance of process cheese, which is for the most part cheddar in content, increased to 96.7 million pounds in 1969, or 4.59 pounds per capita. The Canadian market for fancy and imported cheese continued to expand in 1969. Consumption of specialty type cheeses as such increased 15.0 per cent to 63.7 million pounds in 1969, or 3.0 pounds per capita. Both Canadian production and imports reached new levels in 1969. Total domestic disappearance of evaporated milk declined to 268 million pounds and per capita disappearance dropped slightly over a

pound to 12.7 pounds. Skim milk powder disappearance (including that used for animal feed) increased by 30.7 per cent to a record 212 million pounds in 1969, exceeding the previous record disappearance in 1966 by almost 48 million pounds.

The simple yearly average of wholesale butter price quotations at Montreal increased $1\frac{1}{2}$ cents to 65 cents per pound in 1969, while average wholesale Ontario cheddar cheese prices at Belleville advanced three eighths of a cent to $46\frac{1}{2}$ cents per pound. Montreal wholesale prices for evaporated milk increased during 1969 and the average for the year was \$7.97 per case. Skim milk powder prices at Montreal were slightly higher during the year; both spray and roller process advanced one half of a cent to 20 cents and 19 cents per pound, respectively.

Margarine production and total domestic disappearance both reached record levels in 1969. Production, at 204 million pounds, was 5.6 per cent above the previous high in 1968, while total domestic disappearance at 203 million pounds, was 4.0 per cent higher. Per capita consumption increased to 9.65 pounds in 1969, which was .40 pounds below the record rate in 1961. In comparison, total creamery butter disappearance decreased 3.2 per cent and the per capita rate declined 4.7 per cent from 1968.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- ▣ preliminary figures.
- † revised figures.

TABLE 1. Milk Production and Utilization, Canada, by Province, 1966 - 69

Note: Based on complete returns from dairy factories, a sample including most fluid milk markets, and monthly farm surveys.

Province and year	Used in manufacture		Milk otherwise used			Total milk production
	On farms ¹	In factories	Fluid sales	Farm-home consumed	Fed on farms	
	'000 lb.					
Prince Edward Island:						
1966	725	175,938	21,164	19,630	7,126	224,583
1967	749	169,257	19,801	19,410	6,775	215,992
1968	772	161,493	19,087	18,960	6,928	207,240
1969	562	171,981	18,211	18,990	7,126	216,870
Nova Scotia:						
1966	2,878	111,159	198,696	23,010	10,151	345,894
1967	2,808	105,915	203,178	22,710	10,689	345,300
1968	2,831	94,262	201,661	22,300	10,266	331,320
1969	2,714	111,199	199,671	21,830	10,227	345,641
New Brunswick:						
1966	3,978	140,264	152,348	22,360	8,000	326,950
1967	3,885	128,588	150,686	22,050	7,218	312,427
1968	3,908	115,421	142,871	20,630	7,362	290,192
1969	3,557	122,879	136,440	20,750	7,585	291,211
Quebec:						
1966	7,301	4,553,671	1,464,165	203,500	187,900	6,416,537
1967	6,950	4,733,875 ^f	1,427,223	206,500	189,350	6,563,898 ^f
1968	6,786	4,980,810	1,358,817	206,300	180,220	6,732,933
1969	6,412	5,475,024	1,312,294	201,300	180,930	7,175,960
Ontario:						
1966	6,949	4,237,649	2,096,987	189,500	270,400	6,801,485
1967	6,950	4,107,255	2,080,883	186,000	264,900	6,645,968
1968	6,646	4,106,616	2,094,265	184,700	261,600	6,653,827
1969	6,388	4,070,149	2,102,886	178,300	257,100	6,614,823
Manitoba:						
1966	7,184	497,157	247,558	84,340	49,150	885,389
1967	6,669	468,076	244,962	82,040	48,790	850,537
1968	6,178	479,264	241,179	82,100	50,870	859,591
1969	5,803	483,363	233,750	77,380	50,980	851,276
Saskatchewan:						
1966	20,639	456,089	196,941	150,800	56,100	880,569
1967	20,311	392,457	196,522	151,900	51,370	812,560
1968	19,445	385,910	193,839	151,800	51,870	802,864
1969	18,743	388,499	188,799	149,900	51,900	797,841
Alberta:						
1966	24,968	998,031	359,322	134,850	94,540	1,611,711
1967	22,885	961,271	351,124	134,260	96,350	1,565,890
1968	22,019	950,289	355,503	133,300	94,630	1,555,741
1969	20,382	888,446	365,783	129,180	96,910	1,500,701
British Columbia:						
1966	2,855	318,664	510,717	21,910	25,920	880,066
1967	2,831	318,416	527,095	22,290	24,760	895,392
1968	2,574	355,524	522,166	22,000	25,610	927,874
1969	2,574	323,621	529,997	20,890	26,680	903,762
Canada:						
1966	77,477	11,488,622	5,247,898	849,900	709,287	18,373,184
1967	74,038	11,385,110 ^f	5,201,474	847,160	700,202	18,207,984 ^f
1968	71,159	11,629,589	5,129,388	842,090	689,356	18,361,563
1969	67,135	12,035,161	5,087,831	618,520	689,438	18,698,085

¹ Milk used in farm butter only.

TABLE 2. Milk Equivalents of Dairy Factory Products, Canada, by Province, 1966-69

Province and year	Creamery butter	Cheddar cheese	Other cheese ¹	Concentrated whole milk products and ice cream mix ²	Total ³
	*000 lb.				
Prince Edward Island:					
1966	121,423	21,714	—	32,783	175,938
1967	107,687	25,850	—	35,710	169,257
1968	101,603	21,890	—	37,993	161,493
1969	106,985	25,993	—	38,994	171,981
Nova Scotia:					
1966	67,322	6,215	—	36,720	111,159
1967	58,547	13,684	—	32,689	105,915
1968	47,619	13,233	—	32,417	94,262
1969	60,372	17,072	—	32,713	111,199
New Brunswick:					
1966	114,964	6,765	—	18,491	140,264
1967	103,522	6,380	—	18,671	128,588
1968	89,552	6,226	—	19,629	115,421
1969	96,501	5,533	—	20,828	122,879
Quebec:					
1966	3,304,057	765,897	105,187	376,866	4,553,671
1967	3,490,508	706,728	98,386 ^f	436,198	4,733,875 ^f
1968	3,609,123	784,718	124,244	460,527	4,980,810
1969	4,057,607	769,813	157,428	488,555	5,475,024
Ontario:					
1966	2,413,078	992,002	178,503	640,111	4,237,649
1967	2,299,003	946,209	203,363	643,862	4,107,255
1968	2,344,048	927,146	230,036	589,509	4,106,616
1969	2,299,986	938,751	259,696	552,973	4,070,149
Manitoba:					
1966	441,511	15,851	1,803	36,454	497,157
1967	399,462	23,298	1,833	41,866	468,076
1968	413,150	22,044	1,720	40,736	479,264
1969	400,585	35,585	1,751	43,722	483,363
Saskatchewan:					
1966	445,325	—	—	9,660	456,089
1967	380,390	—	—	10,924	392,457
1968	373,136	—	—	11,652	385,910
1969	373,698	—	—	13,490	388,499
Alberta:					
1966	808,306	25,322	1,540	159,790	998,031
1967	781,466	34,133	1,606	141,198	961,271
1968	749,736	36,333	1,694	159,061	950,289
1969	690,932	31,702	1,441	159,802	888,446
British Columbia:					
1966	97,414	15,840	1,474	195,234	318,664
1967	99,052	15,598	1,716	193,493	318,416
1968	131,999	18,843	2,871	193,417	355,524
1969	99,707	20,086	4,136	191,250	323,621
Canada:					
1966	7,813,400	1,849,606	288,507	1,506,109	11,488,622
1967	7,719,637	1,771,880	306,904 ^f	1,554,611	11,385,110 ^f
1968	7,859,966	1,830,433	360,565	1,544,941	11,629,589
1969	8,186,373	1,844,535	424,452	1,542,327	12,035,161

¹ Other cheese, made from whole milk and cream, not including creamed cottage cheese.

² Combined to avoid disclosing individual company operations.

³ Includes small quantities of milk used in creaming cottage cheese.

TABLE 3. Farm Sales and Home Use of Milk and Farm Butter, Canada, by Province, 1966-69

Province and year	Used in farm homes		Sold off farms					Total sales in milk equivalent
	Farm butter	Milk consumed	Creamery butter-fat	Cheese milk	Milk for concentration and ice cream mix	Fluid sales	Farm butter	
	'000 lb.							
Prince Edward Island:								
1966	30	19,630	4,203	21,732	32,783	21,164	1	197,125
1967	31	19,410	3,728	25,860	35,710	19,801	1	189,081
1968	32	18,960	3,517	21,897	37,993	19,087	1	180,603
1969	23	18,990	3,703	26,002	38,994	18,211	1	190,215
Nova Scotia:								
1966	109	23,010	2,330	7,117	36,720	198,696	14	310,179
1967	108	22,710	2,026	14,679	32,689	203,178	12	309,369
1968	109	22,300	1,648	14,226	32,417	201,661	12	296,199
1969	104	21,830	2,090	18,114	32,713	199,671	12	311,146
New Brunswick:								
1966	123	22,360	3,980	6,809	18,491	152,348	47	293,714
1967	117	22,050	3,583	6,395	18,671	150,686	49	280,423
1968	118	20,630	3,100	6,240	19,629	142,871	49	259,440
1969	110	20,750	3,340	5,550	20,828	136,440	42	260,303
Quebec:								
1966	297	203,500	114,371	872,748	376,866	1,464,165	15	6,018,184
1967	278	206,500	120,825	807,169 ^f	436,198	1,427,223	19	6,161,542 ^f
1968	271	206,300	124,931	911,160	460,527	1,358,817	19	6,340,071
1969	256	201,300	140,456	928,862	488,555	1,312,294	18	6,787,738
Ontario:								
1966	275	189,500	83,530	1,184,460	640,111	2,096,987	22	6,335,151
1967	274	186,000	79,581	1,164,390	643,862	2,080,883	23	6,188,677
1968	257	184,700	81,140	1,173,059	589,509	2,094,265	27	6,201,514
1969	249	178,300	79,615	1,217,190	552,973	2,102,886	24	6,173,599
Manitoba:								
1966	297	84,340	15,283	19,192	36,454	247,558	10	744,945
1967	281	82,040	13,828	26,748	41,866	244,962	4	713,130
1968	260	82,100	14,302	25,378	40,736	241,179	4	720,535
1969	242	77,380	13,866	39,056	43,722	233,750	6	717,251
Saskatchewan:								
1966	863	150,800	15,415	1,104	9,660	196,941	19	653,474
1967	844	151,900	13,167	1,143	10,924	196,522	24	589,543
1968	807	151,800	12,916	1,122	11,652	193,839	24	580,313
1969	770	149,900	12,936	1,311	13,490	188,799	31	578,023
Alberta:								
1966	1,047	134,850	27,980	29,935	159,790	359,322	20	1,357,821
1967	964	134,260	27,051	38,607	141,198	351,124	14	1,312,719
1968	928	133,300	25,953	41,492	159,061	355,503	13	1,306,092
1969	859	129,180	23,917	37,712	159,802	365,783	12	1,254,505
British Columbia:								
1966	103	21,910	3,372	26,016	195,234	510,717	19	829,825
1967	105	22,290	3,429	25,871	193,493	527,095	16	845,883
1968	96	22,000	4,569	30,108	193,417	522,166	14	878,014
1969	98	20,890	3,451	32,664	191,250	529,997	12	853,894
Canada:								
1966	3,144	849,900	270,464	2,169,113	1,506,109	5,247,898	167	16,740,413
1967	3,002	847,160	267,218	2,110,862 ^f	1,554,611	5,201,474	162	16,590,367 ^f
1968	2,878	842,090	272,076	2,224,682	1,544,941	5,129,388	163	16,762,781
1969	2,711	818,520	283,374	2,306,461	1,542,327	5,087,831	158	17,126,674

TABLE 4. Utilization of Milk in Percentages of Total Milk Production, Canada, by Province, 1966-69

Province and year	Used in dairy factories				Fluid sales of milk and cream	Used on farms	
	Creamery butter	Cheese	Concentrated milk and ice cream mix	Total		Farm butter	Other purposes ¹
	percentage						
Prince Edward Island:							
1966.....	54.1	9.7	14.6	78.4	9.4	0.3	11.9
1967.....	49.8	12.0	16.6	78.4	9.2	0.3	12.1
1968.....	49.0	10.6	18.3	77.9	9.2	0.4	12.5
1969.....	49.3	12.0	18.0	79.3	8.4	0.3	12.0
Nova Scotia:							
1966.....	19.5	2.1	10.6	32.2	57.4	0.8	9.6
1967.....	17.0	4.2	9.5	30.7	58.8	0.8	9.7
1968.....	14.4	4.3	9.8	28.5	60.9	0.8	9.8
1969.....	17.5	5.2	9.5	32.2	57.8	0.7	9.3
New Brunswick:							
1966.....	35.2	2.0	5.7	42.9	46.6	1.2	9.3
1967.....	33.1	2.1	6.0	41.2	48.2	1.2	9.4
1968.....	30.9	2.1	6.8	39.8	49.2	1.4	9.6
1969.....	33.1	1.9	7.2	42.2	46.9	1.2	9.7
Quebec:							
1966.....	51.5	13.6	5.9	71.0	22.8	0.1	6.1
1967.....	53.2 ^f	12.3 ^f	6.6	72.1 ^f	21.8 ^f	0.1	6.0
1968.....	53.6	13.5	6.9	74.0	20.2	0.1	5.7
1969.....	56.6	12.9	6.8	76.3	18.3	0.1	5.3
Ontario:							
1966.....	35.5	17.4	9.4	62.3	30.8	0.1	6.8
1967.....	34.6	17.5	9.7	61.8	31.3	0.1	6.8
1968.....	35.2	17.6	8.9	61.7	31.5	0.1	6.7
1969.....	34.8	18.4	8.3	61.5	31.8	0.1	6.6
Manitoba:							
1966.....	49.9	2.2	4.1	56.2	27.9	0.8	15.1
1967.....	47.0	3.1	4.9	55.0	28.8	0.8	15.4
1968.....	48.1	2.9	4.7	55.7	28.1	0.7	15.5
1969.....	47.1	4.6	5.1	56.8	27.4	0.7	15.1
Saskatchewan:							
1966.....	50.6	0.1	1.1	51.8	22.4	2.3	23.5
1967.....	46.8	0.1	1.4	48.3	24.2	2.5	25.0
1968.....	46.5	0.1	1.5	48.1	24.1	2.4	25.4
1969.....	46.8	0.2	1.7	48.7	23.7	2.3	25.3
Alberta:							
1966.....	50.1	1.9	9.9	61.9	22.3	1.6	14.2
1967.....	49.9	2.5	9.0	61.4	22.4	1.5	14.7
1968.....	48.2	2.7	10.2	61.1	22.8	1.4	14.7
1969.....	46.0	2.5	10.7	59.2	24.4	1.3	15.1
British Columbia:							
1966.....	11.1	2.9	22.2	36.2	58.0	0.3	5.5
1967.....	11.1	2.9	21.6	35.6	58.9	0.3	5.2
1968.....	14.2	3.3	20.8	38.3	56.3	0.3	5.1
1969.....	11.0	3.6	21.2	35.8	58.6	0.3	5.3
Canada:							
1966.....	42.5	11.8	8.2	62.5	28.6	0.4	8.5
1967.....	42.4	11.6 ^f	8.5	62.5 ^f	28.6 ^f	0.4	8.5
1968.....	42.8	12.1	8.4	63.3	27.9	0.4	8.4
1969.....	43.8	12.3	8.3	64.4	27.2	0.3	8.1

¹ Milk consumed in farm homes and fed to livestock.

TABLE 5. Cows and Yearling Heifers Kept for Milking, by Province, 1966 - 69

Province and Year	June 1st			December 1st		
	Cows	Percentage milked ¹	Heifers	Cows	Percentage milked ¹	Heifers
	'000 head	%	'000 head	'000 head	%	'000 head
Prince Edward Island:						
1966	37	76.6	9	35	69.2	8
1967	37	80.7	9	35	68.7	8
1968	36	78.1	9	36	67.4	8
1969	36	78.8	9	35	64.7	7
Nova Scotia:						
1966	53	72.1	13	50	68.8	12
1967	50	71.5	12	49	66.3	11
1968	48	72.0	12	48	67.0	12
1969	47	72.9	12	46	68.2	12
New Brunswick:						
1966	52	75.4	12	50	61.6	11
1967	48	76.2	11	47	59.8	11
1968	47	72.2	11	46	66.6	10
1969	45	75.8	11	42	64.2	10
Quebec:						
1966	995	81.3	198	975	62.6	170
1967	1,004	81.5	186	988	60.4	177
1968	1,023	81.3	207	1,010	62.2	188
1969	1,043	81.6	217	1,020	62.7	200
Ontario:						
1966	909	76.6	245	912	68.0	241
1967	925	75.7	254	930	68.2	242
1968	905	75.9	250	900	68.3	245
1969	895	75.2	255	875	67.5	240
Manitoba:						
1966	150	72.0	36	144	54.5	30
1967	142	72.5	32	137	53.8	29
1968	133	72.2	30	128	54.0	26
1969	123	72.0	26	120	56.1	23
Saskatchewan:						
1966	154	70.4	30	145	52.8	26
1967	145	71.3	27	135	55.5	26
1968	127	73.5	25	118	56.7	21
1969	117	73.3	23	110	54.2	21
Alberta:						
1966	243	75.5	51	242	59.5	45
1967	235	75.1	48	216	64.5	42
1968	215	74.9	44	205	61.7	40
1969	200	77.0	40	200	60.9	36
British Columbia:						
1966	81	76.7	22	81	74.4	21
1967	82	78.4	20	81	74.4	21
1968	82	77.7	22	81	75.5	22
1969	78	75.7	23	78	74.5	23
Canada:						
1966	2,674	77.6	616	2,634	63.7	680
1967	2,668	77.5	599	2,618	63.6	675
1968	2,616	77.5	610	2,572	64.3	673
1969	2,584	77.6	616	2,526	64.2	672

¹ Based on the monthly survey of farms keeping milk cows, reports for June 15 and December 15.

TABLE 6. Farm Cash Receipts from Dairying, Canada, by Province, 1966-69

Province and year	Farm cash receipts ¹						Income in kind ²	Gross farm income
	Creamery butter-fat	Cheese milk	Milk for concentration and ice cream mix	Fluid sales	Farm butter	Total		
	thousands of dollars							
Prince Edward Island:								
1966	2,749	666	953	944	1	5,313	576	5,889
1967	2,523	784	1,070	952	1	5,330	605	5,935
1968	2,386	631	1,107	982	1	5,107	606	5,713
1969	2,534	777	1,160	997	1	5,469	605	6,074
Nova Scotia:								
1966	1,470	208	1,065	10,666	12	13,421	741	14,162
1967	1,280	434	1,093	11,365	12	14,184	735	14,919
1968	1,062	417	1,160	12,272	12	14,923	748	15,671
1969	1,364	534	1,242	12,900	12	16,052	738	16,790
New Brunswick:								
1966	2,515	199	552	7,782	27	11,075	761	11,836
1967	2,301	195	586	8,090	29	11,201	760	11,961
1968	1,987	172	639	8,064	32	10,894	725	11,619
1969	2,159	149	695	7,776	30	10,809	727	11,536
Quebec:								
1966	94,849	28,235	11,499	69,997	12	204,592	6,117	210,709
1967	108,466	27,048 ^f	14,284	75,323	12	225,133 ^f	6,476	231,609 ^f
1968	114,051	29,933	15,457	73,207	12	232,660	6,984	239,644
1969	132,847	31,158	16,783	75,574	12	256,374	7,033	263,407
Ontario:								
1966	64,543	37,204	20,045	105,284	13	227,089	5,468	232,557
1967	66,595	39,256	21,560	113,682	13	241,106	5,506	246,612
1968	69,571	39,277	20,142	119,775	15	248,780	6,105	254,885
1969	69,188	40,814	18,997	126,491	12	255,502	5,952	261,454
Manitoba:								
1966	9,137	561	1,232	11,115	10	22,055	2,316	24,371
1967	8,537	837	1,277	12,010	4	22,665	2,314	24,979
1968	8,782	800	1,242	12,247	4	23,075	2,336	25,411
1969	8,504	1,234	1,360	12,447	6	23,551	2,204	25,755
Saskatchewan:								
1966	9,498	27	229	9,797	12	19,563	4,436	23,999
1967	8,415	28	263	10,256	12	18,974	4,519	23,493
1968	8,203	28	293	10,231	12	18,767	4,548	23,315
1969	8,304	37	380	10,507	19	19,247	4,517	23,764
Alberta:								
1966	17,631	943	4,649	16,773	12	40,008	4,170	44,178
1967	17,896	1,228	4,589	18,096	12	41,821	4,271	46,092
1968	18,370	1,370	5,278	18,894	12	43,924	5,009	48,933
1969	17,117	1,268	5,335	19,602	12	43,334	4,859	48,193
British Columbia:								
1966	2,661	841	6,299	31,160	12	40,973	852	41,825
1967	2,936	879	6,598	33,577	12	44,002	939	44,941
1968	3,945	971	6,336	34,829	12	46,093	809	46,902
1969	2,980	1,040	6,193	36,385	12	46,610	775	47,385
Canada:								
1966	205,053	68,884	46,523	263,518	111	584,089	25,437	609,526
1967	218,949	70,689 ^f	51,320	283,351	107	624,416 ^f	26,125	650,541 ^f
1968	228,357	73,599	51,654	290,501	112	644,223	27,870	672,093
1969	244,997	77,011	52,145	302,679	116	676,948	27,410	704,358

¹ See paragraph 5, page 5, re farm cash receipts.² Value of milk, cream and farm butter consumed in farm-homes.

TABLE 7. Farm Value of Milk Production, Canada, by Province, 1966-69

Province and year	Used in manufacture		Milk otherwise used			Total milk production
	On farms ¹	In factories	Fluid sales	Farm-home consumed	Fed on farms ²	
	thousands of dollars					
Prince Edward Island:						
1966	18	4,368	944	559	767	6,656
1967	20	4,377	952	586	797	6,732
1968	21	4,124	982	586	773	6,486
1969	15	4,471	997	591	809	6,883
Nova Scotia:						
1966	70	2,743	10,666	683	543	14,705
1967	70	2,807	11,365	677	527	15,446
1968	73	2,639	12,272	687	480	16,151
1969	71	3,140	12,900	679	505	17,295
New Brunswick:						
1966	102	3,266	7,782	686	806	12,642
1967	103	3,082	8,090	686	710	12,671
1968	105	2,798	8,064	652	653	12,272
1969	97	3,003	7,776	660	683	12,219
Quebec:						
1966	187	134,583	69,997	5,942	9,699	220,408
1967	190	149,798 ^f	75,323	6,298	10,854	242,463 ^f
1968	188	159,441	73,207	6,808	10,696	250,340
1969	181	180,788	75,574	6,864	10,878	274,285
Ontario:						
1966	175	121,792	105,284	5,306	12,489	245,046
1967	181	127,411	113,682	5,338	12,291	258,903
1968	173	128,990	119,775	5,947	12,694	267,579
1969	169	128,999	126,491	5,795	12,214	273,668
Manitoba:						
1966	184	10,930	11,115	2,142	3,199	27,570
1967	177	10,651	12,010	2,141	2,995	27,974
1968	164	10,824	12,247	2,176	3,051	28,462
1969	159	11,098	12,447	2,051	3,001	28,756
Saskatchewan:						
1966	512	9,754	9,797	3,936	3,537	27,536
1967	521	8,706	10,256	4,010	2,960	26,453
1968	507	8,524	10,231	4,053	2,955	28,270
1969	489	8,721	10,507	4,047	2,970	26,734
Alberta:						
1966	608	23,223	16,773	3,574	5,887	50,065
1967	577	23,713	18,096	3,706	5,924	52,016
1968	555	25,018	18,894	4,466	6,398	55,331
1969	531	23,720	19,602	4,340	6,191	54,384
British Columbia:						
1966	66	9,801	31,160	798	1,025	42,850
1967	68	10,413	33,577	883	1,072	46,013
1968	62	11,252	34,829	759	1,000	47,902
1969	64	10,213	36,385	723	1,022	48,407
Canada:						
1966	1,922	320,460	263,518	23,626	37,952	647,478
1967	1,907	340,958 ^f	283,351	24,325	38,130	688,671 ^f
1968	1,848	353,610	290,501	26,134	38,700	710,794
1969	1,776	374,153	302,679	25,750	38,273	742,851

¹ Farm butter only.² Includes values of skim milk and buttermilk retained on farms.

TABLE 8. Average Farm Value of Milk, Cream and Farm Butter, Sold by Farmers, Canada, by Province, 1966-69¹

Province and year	Cream for butter	Milk for butter	Milk for cheese ²	Milk for ice cream mix and concentration	Average for manu-fac-turing milk ³	Average for all manu-fac-turing uses ⁴	Fluid milk	Fluid milk for cream	Average fluid	Farm butter	Average of total sales
	per lb. b.f. ¢					per cwt. \$				per lb. ¢	\$ per cwt. of milk
Prince Edward Island											
1966	65.4	—	3.06	2.91	2.97	2.48	4.60	3.19	4.46	59	2.70
1967	67.7	—	3.03	3.00	3.01	2.59	4.97	3.18	4.81	62	2.82
1968	67.8	—	2.88	2.91	2.90	2.55	5.31	3.23	5.14	63	2.83
1969	68.4	—	2.99	2.97	2.98	2.60	5.56	4.64	5.47	64	2.88
Nova Scotia:											
1966	63.1	—	2.91	2.90	2.90	2.46	5.70	3.03	5.37	57	4.33
1967	63.2	—	2.94	3.34	3.22	2.64	5.95	3.08	5.59	58	4.58
1968	64.4	—	2.88	3.58	3.38	2.79	6.33	4.19	6.09	60	5.04
1969	65.3	—	2.89	3.80	3.49	2.81	6.64	4.99	6.46	61	5.16
New Brunswick:											
1966	63.2	—	2.93	2.99	2.97	2.33	5.31	3.51	5.11	60	3.77
1967	64.2	—	3.03	3.14	3.12	2.40	5.56	3.66	5.37	62	3.99
1968	64.1	—	2.76	3.26	3.14	2.42	5.87	3.60	5.64	63	4.20
1969	64.6	—	2.67	3.34	3.20	2.44	5.93	3.57	5.70	64	4.15
Quebec:											
1966	63.6	89.4	3.24	3.05	3.12	2.96	5.14	2.76	4.78	60	3.40
1967	64.8	96.0	3.35	3.27	3.32	3.16 ^f	5.70	3.08	5.28	64	3.65
1968	65.3	96.6	3.28	3.36	3.33	3.20	5.79	3.26	5.39	65	3.67
1969	66.4	99.6	3.35	3.44	3.43	3.30	6.22	3.35	5.76	66	3.78
Ontario:											
1966	59.3	85.7	3.14	3.13	3.06	2.87	5.36	2.98	5.02	59	3.58
1967	61.3	92.4	3.37	3.35	3.28	3.10	5.82	3.24	5.46	61	3.90
1968	61.9	93.7	3.35	3.42	3.31	3.14	6.11	3.33	5.72	61	4.01
1969	62.4	94.2	3.35	3.44	3.32	3.17	6.45	3.37	6.02	62	4.14
Manitoba:											
1966	59.8	—	2.96	3.38	3.24	2.20	4.99	2.57	4.49	60	2.95
1967	61.7	—	3.15	3.05	3.09	2.27	5.41	2.87	4.90	62	3.18
1968	61.4	—	3.17	3.05	3.09	2.26	5.61	2.88	5.08	62	3.20
1969	61.3	—	3.17	3.11	3.14	2.29	5.88	2.92	5.32	64	3.28
Saskatchewan:											
1966	61.6	—	—	2.37	2.37	2.14	5.43	2.41	4.97	58	2.99
1967	63.9	—	—	2.41	2.41	2.22	5.69	2.43	5.22	60	3.22
1968	63.5	—	—	2.51	2.51	2.21	5.73	2.54	5.28	61	3.23
1969	64.2	—	—	2.82	2.82	2.24	6.01	2.82	5.57	61	3.33
Alberta:											
1966	63.0	—	3.15	2.91	2.94	2.32	5.11	2.72	4.67	57	2.95
1967	66.2	—	3.19	3.25	3.24	2.46	5.61	3.11	5.15	59	3.19
1968	67.4	95.7	3.30	3.32	3.31	2.63	5.78	3.29	5.31	59	3.36
1969	68.1	98.1	3.37	3.34	3.36	2.67	5.79	3.31	5.36	61	3.45
British Columbia:											
1966	—	78.9 ^g	3.25 ^h	3.23 ^h	3.07	3.07	6.10 ^o	6.10 ^o	6.10 ^o	54	4.94
1967	—	85.6 ^g	3.40 ^h	3.41 ^h	3.27	3.27	6.37 ^o	6.37 ^o	6.37 ^o	56	5.20
1968	—	86.3 ^g	3.21 ^h	3.28 ^h	3.16	3.16	6.67 ^o	6.67 ^o	6.67 ^o	56	5.25
1969	—	86.4 ^g	3.17 ^h	3.24 ^h	3.15	3.15	6.87 ^o	6.87 ^o	6.87 ^o	58	5.46
Canada											
1966	61.9	87.7	3.18	3.09	3.08	2.79	5.35	3.24	5.02	58	3.49
1967	64.0	94.5	3.35	3.30	3.30	2.99	5.80	3.51	5.45	61	3.76
1968	64.3	95.3	3.31	3.34	3.31	3.04	6.02	3.69	5.66	62	3.84
1969	65.0	97.5	3.34	3.38	3.37	3.11	6.34	3.79	5.95	62	3.95

¹ See paragraph 5, page 5, re farm cash receipts.
² Includes the milk equivalent of cheddar and other factory cheese made from whole milk and cream.
³ Includes columns 2, 3 and 4.
⁴ Includes columns 1, 2, 3 and 4.
^g B.C. values based on Class III qualifying milk.
^h B.C. values based on Class I qualifying milk.

TABLE 9. Production of Butter, Cheese and Ice Cream Mix, Canada, by Province, 1966 - 69

Province and year	Butter				Cheese		Cottage cheese ²	Ice cream mix production	
	Creamery	Farm	Whey	Total	Cheddar	Other ¹			
	'000 lb.								'000 gal.
Prince Edward Island:									
1966	5,189	31	50	5,270	1,974	—	3	172	
1967	4,602	32	64	4,698	2,350	—	3	186	
1968	4,342	33	58	4,433	1,990	—	3	190	
1969	4,572	24	63	4,659	2,363	—	3	200	
Nova Scotia:									
1966	2,877	123	—	3,000	565	—	791	1,166	
1967	2,502	120	—	2,622	1,244	—	873	1,182	
1968	2,035	121	—	2,156	1,203	—	871	1,274	
1969	2,580	116	—	2,696	1,552	—	914	1,265	
New Brunswick:									
1966	4,913	170	—	5,083	615	—	3	793	
1967	4,424	166	—	4,590	580	—	3	810	
1968	3,827	167	—	3,994	566	—	3	812	
1969	4,124	152	—	4,276	503	—	3	828	
Quebec:									
1966	141,199	312	1,994	143,505	69,627	9,923	2,814	6,895	
1967	149,167	297	2,050	151,514	64,248	9,186 ^r	3,056	7,693	
1968	154,236	290	2,495	157,021	71,338	11,569	3,190	7,431	
1969	173,402	274	2,459	176,135	69,983	14,605	3,564	7,724	
Ontario:									
1966	103,123	297	2,934	106,354	90,182	16,252	14,206	9,276	
1967	98,248	297	3,231	101,776	86,019	18,513	14,398	9,347	
1968	100,173	284	3,382	103,839	84,286	20,923	15,419	9,307	
1969	98,290	273	3,211	101,774	85,341	23,609	18,374	9,308	
Manitoba:									
1966	18,868	307	—	19,175	1,441	3	1,991	1,433	
1967	17,071	285	—	17,356	2,118	3	2,076	1,614	
1968	17,656	264	—	17,920	2,004	3	2,062	1,598	
1969	17,119	248	—	17,367	3,235	3	2,128	1,639	
Saskatchewan:									
1966	19,031	882	—	19,913	—	—	1,215	1,174	
1967	16,256	868	—	17,124	—	—	1,268	1,333	
1968	15,946	831	—	16,777	—	—	1,268	1,331	
1969	15,970	801	—	16,771	—	—	1,335	1,330	
Alberta:									
1966	34,543	1,067	5	35,615	2,302	140	3,133	2,735	
1967	33,396	978	3	34,377	3,103	146	3,356	2,837	
1968	32,040	941	6	32,987	3,303	154	3,833	2,660	
1969	29,527	871	7	30,405	2,882	131	4,538	2,856	
British Columbia:									
1966	4,163	122	—	4,285	1,440	3	7,762	2,946	
1967	4,233	121	—	4,354	1,418	3	7,761	3,145	
1968	5,641	110	—	5,751	1,713	3	7,557	3,238	
1969	4,261	110	—	4,371	1,826	3	7,790	3,329	
Canada:									
1966	333,906	3,311	4,983	342,200	168,146	26,624	31,967	26,649	
1967	329,899	3,164	5,348	338,411	161,080	28,179 ^r	32,810	28,147	
1968	335,896	3,041	5,941	344,878	166,403	33,074	34,218	27,897	
1969	349,845	2,869	5,740	358,454	167,885	38,991	38,966	29,071	

¹ All varieties made from whole milk and cream except cheddar and process cheese.

² Creamed and not creamed.

³ Excluded to avoid disclosing individual company operations but included in Canada total.

TABLE 10. Fluid Sales, Canada, by Province, 1966-69

Province and year	Fluid milk	Fluid cream as milk	Partly skimmed milk ¹	Chocolate drink	Skim milk	Buttermilk
	'000 lb.			'000 qt.		
Prince Edward Island:						
1966	19,096	2,068	²	202	383	4
1967	17,970	1,831	²	188	421	3
1968	17,539	1,548	²	158	410	4
1969	16,704	1,507	²	195	423	4
Nova Scotia:						
1966	174,069	24,627	2,353	2,306	3,714	340
1967	177,933	25,245	4,212	2,362	3,639	324
1968	178,570	23,091	6,078	2,272	3,647	315
1969	177,773	21,898	8,167	2,282	3,570	311
New Brunswick:						
1966	135,605	16,743	1,086	1,354	1,625	147
1967	135,353	15,333	1,303	1,263	1,509	135
1968	128,476	14,395	1,766	1,327	1,509	121
1969	122,982	13,458	2,391	1,496	1,468	129
Quebec:						
1966	1,240,912	223,253	27,794	8,352	15,240	650
1967	1,197,498	229,725	42,098	7,496	13,154	590
1968	1,140,588	218,229	50,225	7,513	12,315	656
1969	1,101,173	211,121	63,986	7,796	11,872	666
Ontario:						
1966	1,801,935	295,052	207,031	23,074	34,090	7,047
1967	1,792,397	288,486	224,965	21,314	31,603	6,437
1968	1,799,927	294,338	248,427	22,495	31,425	6,850
1969	1,805,718	297,168	275,265	23,941	30,734	6,813
Manitoba:						
1966	196,695	50,863	18,179	1,909	1,952	1,063
1967	196,217	48,745	22,391	1,928	1,814	984
1968	193,850	47,329	25,352	2,058	1,750	896
1969	189,828	43,922	27,982	2,269	1,773	949
Saskatchewan:						
1966	167,156	29,785	7,945	2,085	1,650	523
1967	168,289	28,233	10,865	2,248	1,649	570
1968	166,396	27,443	14,139	2,314	1,675	568
1969	162,480	26,319	17,802	2,318	1,613	610
Alberta:						
1966	292,585	66,737	23,952	3,989	3,426	1,365
1967	287,478	63,646	29,897	3,649	3,317	1,342
1968	289,580	65,923	36,092	3,866	3,394	1,472
1969	302,398	63,385	42,714	4,469	3,496	1,631
British Columbia:						
1966	414,000	96,717	27,377	2,806	3,029	1,806
1967	432,426	94,669	36,332	3,186	2,994	2,029
1968	427,666	94,500	46,843	3,191	3,060	2,015
1969	435,378	94,619	56,117	3,448	3,038	2,155
Canada:						
1966	4,442,053	805,845	315,717	46,077	65,109	12,945
1967	4,405,561	795,913	372,063	43,634	60,100	12,414
1968	4,342,592	786,796	428,922	45,194	59,185	12,897
1969	4,314,434	773,397	494,424	48,214	57,987	13,268

¹ Partly skimmed milk, commonly known as 2 per cent milk, is included in pounds equivalent in the estimate for fluid milk in column 1.

² Excluded to avoid disclosing individual company operations. Beginning with 1964, small volume sales were included with standard milk in monthly statistics published in "Fluid Milk Sales", Catalogue No. 23-002.

TABLE 11. Production of Concentrated Milk Products, Canada, 1966 - 69

Products	1966	1967	1968		1969
			'000 lb.		
Whole milk products:					
Condensed milk	22,788	23,835	25,951		21,593
Case	3,383	4,620	5,927		4,652
Bulk	19,405	19,215	20,024		16,941
Evaporated milk	309,696	288,107	296,618		281,881
Case	297,896	275,012	286,241		278,937
Bulk	11,800	13,095	10,377		2,944
Whole milk powder	7,732	8,352	3,932		2,931
Spray	7,536	8,219	3,758		2,800
Roller	196	133	174		131
Partly skimmed evaporated milk	14,153	11,778	9,660		7,926
Other whole milk products ¹	8,649	6,615	7,675		8,477
Milk by-products:					
Condensed skim milk	2,054	1,306	1,198		1,460
Evaporated skim milk	8,455	10,662	14,297		13,641
Skim milk powder	263,508	316,131	360,376		394,558
Spray	227,062	286,111	335,956		369,677
Roller	36,446	30,020	24,420		24,881
Powdered buttermilk	9,123	10,503	12,514		13,056
Casein	24,440	15,854	13,176		11,155
Whey powder	42,485	40,096	43,468		42,573
Other milk by-products ²	23,481	26,392	22,354		21,031

¹ Malted milk, cream powder, formula milks, whole milk powder of less than 26% fat, evaporated milk of 2% fat and concentrated liquid milk.
² Sugar of milk (lactose), condensed buttermilk, special formula skim milk products, lactalbumin and concentrated liquid skim milk.

TABLE 12. Stocks of Dairy Products in Store and Transit,¹ Canada, January 1, May 1 and October 1, 1966 - 69

Year	Butter ²			Cheese ³		
	January 1	May 1	October 1	January 1	May 1	October 1
'000 lb.						
1966	75,578	35,499	86,762	69,804	58,241	85,237
1967	61,548	28,794	84,883	86,439	70,998	98,389
1968	56,567	17,958	74,762	94,897	75,655	106,866
1969	62,805	35,423	104,351	90,028	70,976	102,326
Evaporated whole milk ⁴ Skim milk powder						
'000 lb.						
1966	39,814	20,783	56,112	25,501	27,329	83,543
1967	41,041	13,510	43,246	55,922	25,085	122,326
1968	32,033	17,961	43,091	137,509	140,666	233,112
1969	35,822	13,528	54,225	208,959	202,169	215,587

¹ Transit stocks discontinued beginning January 1, 1968.

² Creamery and whey butter.

³ Cheddar and other varieties (not process).

⁴ Manufacturers only.

TABLE 13. Exports and Imports of Certain Dairy Products, Canada, 1966 - 69

Year	Exports					Imports		
	Butter	Cheese	Evaporated milk	Condensed milk	Milk powder		Butter	Cheese
					Whole	Skim		
'000 lb.								
1966	161	35,949	8,499	—	6,710	69,447	23,412 ¹	18,247
1967	55	27,683	7,290	—	4,872	94,973	9,569 ²	23,669
1968	5	43,830	7,180	—	776	127,120	16 ³	26,970
1969	4	35,958	6,802	—	645	238,301	3,360 ³	31,264

¹ Data for 1966 represents butter imported under special permit to be processed into "materials for food preparations" for export to U.S.A. Not used in calculating the domestic disappearance of butter in Canada.

² Data for 1967 includes 7,319,000 pounds of butter imported under special permit to be processed into "materials for food preparations" for export to U.S.A. Not used in calculating the domestic disappearance of butter in Canada.

³ Data for 1968 includes 6,000 pounds of butter imported under special permit to be processed into "materials for food preparations" for export to U.S.A. Not used in calculating the domestic disappearance of butter in Canada. Imports used in calculating 1968 domestic disappearance of butter amounted to 3,370,000 pounds. This figure includes 3,360,000 pounds of butter imported in 1968 but due to lagged reporting credited to trade statistics in 1969.

TABLE 14. Domestic Disappearance of Butter, Cheese and Concentrated Milk Products, Canada, 1966-69

Year	Butter				Cheese ¹			
	Creamery ² butter	Farm butter	Whey butter	Total butter	Cheddar cheese	Process cheese	Other ³ cheese	Total cheese
Domestic disappearance								
'000 lb.								
1966	347,819 ⁴	3,311	4,980	356,110	58,785	84,450	40,909	184,144
1967	336,982 ⁴	3,164	5,441	345,587	68,309	84,728	47,428 ^f	200,465 ^f
1968	333,110 ⁴	3,041	5,854	342,005	69,192	90,164	55,402	214,758
1969	322,307 ⁴	2,869	5,797	330,973	75,616	96,729	63,729	236,074
Disappearance per capita								
lb.								
1966	17.35	0.16	0.25	17.76	2.93	4.21	2.04	9.18
1967	16.49	0.15	0.27	16.91	3.34	4.14	2.33 ^f	9.81 ^f
1968	16.04	0.15	0.28	16.47	3.33	4.34	2.67	10.34
1969	15.28	0.14	0.27	15.69	3.58	4.59	3.02	11.19
Concentrated milk by-products				Cheddar cheese			Cottage cheese	
Skim powder	Evaporated skim	Condensed skim	Total by-products	Cheddar used as such	Cheddar processed	Total cheddar		
Domestic disappearance								
'000 lb.								
1966	163,640	8,428	2,052	256,548	58,785	58,483	117,268	31,967
1967	139,571	10,575	1,279	234,639	68,309	59,319	127,628	32,810
1968	161,806	14,330	1,206	255,632	69,192	59,222	128,414	34,218
1969	211,504	13,754	1,456	309,524	75,616	66,256	141,872	38,666
Disappearance per capita								
lb.								
1966	8.16	0.42	0.10	12.80	2.93	2.92	5.85	1.59
1967	6.83	0.52	0.06	11.48	3.34	2.90	6.24	1.61
1968	7.79	0.69	0.06	12.30	3.33	2.85	6.18	1.65
1969	10.03	0.65	0.07	14.68	3.58	3.14	6.72	1.83
Concentrated whole milk products								
Evaporated milk	Condensed milk	Milk powder	Total whole	Evaporated milk	Condensed milk	Milk powder	Total whole	
Domestic disappearance				Disappearance per capita				
'000 lb.				lb.				
1966	299,970	22,352	1,298	346,720	14.96	1.11	0.07	17.29
1967	289,825	24,325	4,684	337,537	14.18	1.19	0.23	16.51
1968	285,649	25,619	3,108	331,676	13.75	1.23	0.15	15.97
1969	267,831	21,160	2,550	308,292	12.70	1.00	0.12	14.62

¹ Data shown for cheddar and other cheese represent that part of the supply used as such; thus making cheddar and other additive to process cheese for domestic disappearance calculations.

² Data shown for 1966 based on creamery butter and butter oil stocks in terms of butter, as well as butter oil exports.

³ "Other cheese" comprises all varieties made from whole milk and cream except cheddar.

⁴ Data includes adjustments in trade statistics. See footnotes 1 to 3, Table 13, page 18.

TABLE 15. Domestic Disappearance of Ice Cream and Fluid Milk and Cream, Canada, by Province, 1966 - 69

Province and year	Per capita			Total	
	Per year		Per day	Ice cream ¹ '000 gal.	Fluid milk and cream ² '000 pt.
	Ice cream ¹ gal.	Fluid milk and cream ² pt.	Fluid milk and cream ² pt.		
Prince Edward Island:					
1966	3.31	290.12	0.79	361	31,623
1967	3.57	278.87	0.76	389	30,397
1968	3.57	268.13	0.73	393	29,494
1969	3.80	262.16	0.72	418	28,838
Nova Scotia:					
1966	3.13	227.33	0.62	2,369	171,865
1967	3.17	231.01	0.63	2,406	175,107
1968	3.38	228.44	0.63	2,572	173,613
1969	3.32	224.74	0.62	2,537	171,706
New Brunswick:					
1966	2.59	219.50	0.60	1,601	135,432
1967	2.60	215.63	0.59	1,616	133,904
1968	2.58	202.79	0.56	1,614	126,745
1969	2.63	194.65	0.53	1,647	121,852
Quebec:					
1966	2.41	223.35	0.61	13,968	1,292,762
1967	2.59	215.64	0.59	15,210	1,266,452
1968	2.47	204.60	0.56	14,698	1,213,270
1969	2.55	196.01	0.54	15,239	1,173,328
Ontario:					
1966	2.74	253.97	0.70	19,130	1,772,469
1967	2.68	245.19	0.67	19,217	1,757,274
1968	2.67	241.31	0.66	19,557	1,766,639
1969	2.77	236.82	0.65	20,705	1,768,362
Manitoba:					
1966	3.02	267.17	0.73	2,908	257,285
1967	3.27	262.68	0.72	3,160	253,490
1968	3.24	257.82	0.71	3,158	250,604
1969	3.31	246.11	0.67	3,241	241,187
Saskatchewan:					
1966	2.40	281.97	0.77	2,296	269,566
1967	2.74	281.94	0.77	2,621	270,095
1968	2.73	278.81	0.76	2,629	267,937
1969	2.73	273.78	0.75	2,623	262,558
Alberta:					
1966	3.71	261.49	0.72	5,430	383,079
1967	3.69	252.02	0.69	5,503	376,267
1968	3.33	247.82	0.68	5,093	378,917
1969	3.49	245.48	0.67	5,453	383,693
British Columbia:					
1966	2.92	219.62	0.60	5,498	412,888
1967	3.03	218.18	0.60	5,909	425,880
1968	3.05	209.87	0.57	6,137	421,834
1969	3.04	206.10	0.56	6,292	427,044
Canada:					
1966	2.67	241.71	0.66	53,561	4,726,969
1967	2.74	235.15	0.64	56,031	4,688,866
1968	2.69	228.44	0.63	55,851	4,629,053
1969	2.76	222.53	0.61	58,155	4,578,568

¹ Ice cream data shown for 1966 to 1969 estimated on the basis of average overruns reported by mix manufacturers who report ice cream production and mix sales. Previous to 1960, ice cream was estimated at twice the volume of ice cream mix.

² Includes fluid sales together with milk and cream used in farm homes. Data are based on those shown in Table 1 in pounds.

TABLE 16. Domestic Disappearance of Dairy Products in Terms of Milk, Canada, 1966 - 69

Year	Per capita - lb.			Total - '000 lb.		
	Total milk	Fluid products ¹	Ice cream ²	Total milk	Fluid products ¹	Ice cream ²
1966.....	881.38	311.81	31.75	17,517,653	6,097,798	636,504
1967.....	863.12 ^f	303.34	36.03	17,491,092 ^f	6,048,634	736,400
1968.....	846.90	294.68	35.76	17,442,302	5,971,478	742,864
1969.....	828.80	287.06	37.74	17,330,933	5,906,351	795,901
	Creamery butter	Farm butter	Process cheese ³	Creamery butter	Farm butter	Process cheese ³
1966.....	405.93	3.87	32.41	8,138,965	77,477	649,944
1967.....	385.76	3.62	31.90	7,885,379	74,038	652,134 ^f
1968.....	375.25	3.43	33.41	7,794,774	71,159	693,895
1969.....	357.50	3.18	35.30	7,541,984	67,135	744,414
	Cheddar cheese	Other cheese ⁴	Evaporated milk	Cheddar cheese	Other cheese ⁴	Evaporated milk
1966.....	32.25	23.67	34.41	646,635	474,454	689,931
1967.....	36.76	26.84 ^f	32.61	751,399	548,569 ^f	666,598
1968.....	36.64	30.69	31.63	761,112	637,566	656,993
1969.....	39.44	34.75	29.21	831,776	732,757	616,011
	Condensed milk	Milk powder	Other products ⁵	Condensed milk	Milk powder	Other products ⁵
1966.....	2.56	0.52	2.20	51,410	10,384	44,151
1967.....	2.74	1.83	1.69	55,948	37,472	34,521
1968.....	2.83	1.20	1.38	58,924	24,864	28,673
1969.....	2.31	0.97	1.21	48,668	20,400	25,536

¹ Includes fluid sales plus milk and cream consumed in farm homes as shown in Table 1.

² Data adjusted to exclude the milk equivalent of creamery butter used in manufacturing ice cream mix.

³ Milk equivalent of cheddar and other cheese used for processing.

⁴ Data excludes farm-made cheese and represents specialty cheeses made from whole milk or cream, plus creamed cottage cheese.

⁵ Includes the milk equivalent of cream powder, malted milk, partly skimmed evaporated milk, formula milks, whole milk powder of less than 26% fat, evaporated milk of 2% fat and concentrated liquid milk.

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Month, 1966 - 69

Month and year	Creamery butter ¹	Cheddar cheese ²	Whole milk		Skim milk powder		
			Evaporated ³	Powder ⁴	Spray ⁵	Roller ⁶	Food ⁷
	per lb. ¢		per case \$		per lb. ¢		
January:							
1966	56½	41½	7.10	37	15½	14	11½
1967	61	43½	7.50	39	18½	16¼	14¼
1968	63	44½	7.80	42	19¼	18¾	15½
1969	65	46¼	7.80	42	20	18¾	15
February:							
1966	56½	42½	7.29	39	15½	14	12
1967	61	43½	7.50	39	18½	17	14¼
1968	63	44½	7.80	42	19¼	18¾	15
1969	65	45½	7.80	42	20	18¾	15
March:							
1966	56½	42½	7.35	39	16	14	12
1967	61½	43¼	7.50	39	18½	17¼	15
1968	63	44¼	7.80	42	19¼	18¾	14½
1969	65	45¼	7.80	42	20	19	15½
April:							
1966	59	43¼	7.35	39	18	15¼	12½
1967	63	43¼	7.65	42	20½	19	16
1968	63	44¼	7.80	42	19¼	18¾	14½
1969	65	45½	7.80	42	20	19	15½
May:							
1966	59	43	7.35	39	18	15¼	12½
1967	63	46	7.80	42	20½	19	16
1968	63	47	7.80	42	19¼	18½	14
1969	65	45½	8.05	42	20	19	15½
June:							
1966	59	42¼	7.35	39	18	15¼	12
1967	63	46¼	7.80	42	20½	19	15½
1968	63	47¼	7.80	42	19¼	18¾	14
1969	65	47¼	8.05	42	20	19	15½
July:							
1966	59	43	7.35	39	18	15¼	12
1967	63	46¼	7.80	42	20½	19	15½
1968	63	47¼	7.80	42	19¼	18¾	14
1969	65	47¼	8.05	42	20	19	15½
August:							
1966	59	43	7.35	39	18	15¼	12
1967	63	46¼	7.80	42	20½	19	15½
1968	63	47¼	7.80	42	19¼	18¾	14
1969	65	47¼	8.05	42	20	19	15½
September:							
1966	60	43½	7.35	39	18	16	12
1967	63	46¼	7.80	42	20½	19	15½
1968	63	47¼	7.80	42	20	18¾	14
1969	65	47¼	8.05	42	20	19	15½
October:							
1966	80¼	43½	7.35	39	18	16	12
1967	63	46¼	7.80	42	20½	19	15½
1968	63	47¼	7.80	42	20	18¾	14
1969	65	47¼	8.05	42	20	19	15½

See footnotes at end of table.

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Month, 1966-69 - Concluded

Month and year:	Creamery butter ¹	Cheddar cheese ²	Whole milk		Skim milk powder		
			Evaporated ³	Powder ⁴	Spray ⁵	Roller ⁶	Feed ⁷
	per lb. ¢		per case \$		per lb. ¢		
November:							
1966	61	43½	7.35	39	18	16	12
1967	63	46½	7.80	42	20	19	15½
1968	65	47½	7.80	42	20	18½	14
1969	65	47½	8.05	42	20	19	15½
December:							
1966	61	43½	7.38	39	18½	16½	12
1967	63	46½	7.80	42	19½	18½	15½
1968	65	46½	7.80	42	20	18½	14
1969	65	47½	8.05	42	20	19	15½
Yearly average:							
1966	59	42½	7.33	39	17½	15½	12
1967	62½	45½	7.71	41	19¼	18½	15¼
1968	63½	46½	7.80	42	19½	18½	14¼
1969	65	46½	7.97	42	20	19	15½

¹ 1st Gr. solids.
² Ontario coloured. Prices 1966 to 1969 at Belleville.
³ Cases (48/16's).
⁴ Spray 26% (bbis).
⁵ Bags.

TABLE 18. Production of Miscellaneous Factory Dairy Products, Canada, 1966-69

Product	1966	1967	1968	1969
			'000 gallon	
Hard ice cream	49,517	51,205	51,553	53,726
Soft ice cream	4,044	4,826	4,298	4,429
Total ice cream	53,561	56,031	55,851	58,155
Ice milk	1,000	1,226	1,271	1,427
Milkshake mix	699	802	928	1,113
Sherbet	731	822	816	771
Water ices	2,582	3,084	3,348	3,496
Yogurt	442	607	986	1,481
			'000 pound	
Cottage cheese - Creamed	27,193	28,139	29,547	32,872
Cottage cheese - Uncreamed	4,774	4,671	4,871	5,794



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APPENDIX

Product Conversion Rates

Product	Per cent butter-fat by weight	Fluid per pound product
Butter (creamery and farm)	81.0	23.4 lb. milk
Cheese (cheddar and other factory cheese made from whole milk)	34.0	11.0 " "
Cream cheese	32.0	10.3 " "
Cottage cheese (creamed) ¹	4.0	1.14 " "
Ice cream mix (gallons)	11.0	34.0 " " ²
Condensed milk	8.0	2.3 " "
Evaporated milk	8.0	2.3 " "
Partly skimmed evaporated milk	4.0	1.14 " "
Evaporated milk of 2% fat	2.0	0.57 " "
Whole milk powder	27.0	8.0 " "
Cream powder	73.5	21.0 " "
Malted milk	7.5	2.5 " "
Condensed skim milk	—	3.0 " skim milk
Evaporated skim milk	—	3.0 " "
Skim milk powder	—	11.0 " "
Casein	—	40.0 " "
Cottage cheese	—	7.0 " "
Condensed buttermilk	—	3.0 " buttermilk
Buttermilk powder	—	12.0 " "
Lactose (sugar of milk)	—	22.0 " whey
Whey powder	—	20.0 " "

¹ Previous to July 1, 1961, converted on the basis of 3.0 per cent butter-fat and 0.86 pounds of milk.² Pounds of milk per gallon.

Weight Conversion Rates for Units of Volume

Commodity	Unit	Pounds per unit
Whole milk	gallon	10.30
	quart	2.58
	pint	1.29
Skim milk	gallon	10.40
	quart	2.59
	pint	1.30
Cream	gallon	10.00
	quart	2.50
	pint	1.25