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# DAIRY STATISTICS

1961

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5503-502

Price 50 cents

1910

30-30

1911

1912

1913

1914

1915

1916

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1934

1935

## TABLE OF CONTENTS

	Page
Chart     Farm Sales and Average Farm Values of Dairy Products .....	4
Introduction .....	5
Table	
1. Milk Production and Utilization, Canada, by Province, 1958 to 1961 .....	7
2. Milk Equivalents of Dairy Factory Products, Canada, by Province, 1958 to 1961 .....	8
3. Farm Sales and Home Use of Milk and Farm Butter, Canada, by Province, 1958 to 1961 .....	9
4. Utilization of Milk in Percentages of Total Milk Production, Canada, by Province, 1958 to 1961 .....	10
5. Cows and Yearling Heifers Kept for Milking, by Province, 1958 to 1961 .....	11
6. Farm Income from Dairying, Canada, by Province, 1958 to 1961 .....	12
7. Farm Value of Milk Production, Canada, by Province, 1958 to 1961 .....	13
8. Average Farm Value of Milk, Cream and Farm Butter, Sold by Farmers, Canada, by Province, 1958 to 1961 .....	14
9. Production of Butter, Cheese and Ice Cream Mix, Canada, by Province, 1958 to 1961 .....	15
10. Fluid Sales, Canada, by Province, 1958 to 1961 .....	16
11. Production of Concentrated Milk Products, Canada, 1958 to 1961 .....	17
12. Stocks of Dairy Products in Store and Transit, Canada, January 1, May 1 and October 1, 1958 to 1961 .....	17
13. Exports and Imports of Certain Dairy Products, Canada, 1958 to 1961 .....	17
14. Domestic Disappearance of Butter, Cheese and Concentrated Milk Products, Canada, 1958 to 1961 .....	18
15. Domestic Disappearance of Ice Cream and Fluid Milk and Cream, Canada, by Province, 1958 to 1961 .....	19
16. Domestic Disappearance of Dairy Products in Terms of Milk, Canada, 1958 to 1961 .....	20
17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Months, 1958 to 1961 .....	21
18. Production of Butter Oil, Canada, by Months, 1958 to 1961 .....	22

### APPENDIX

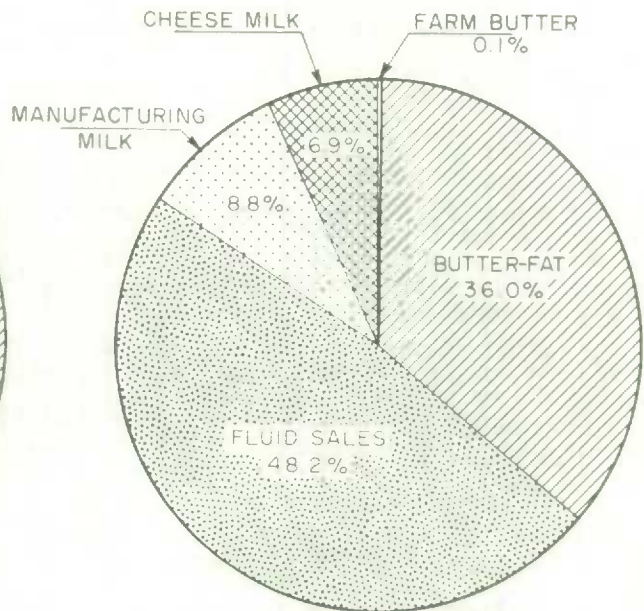
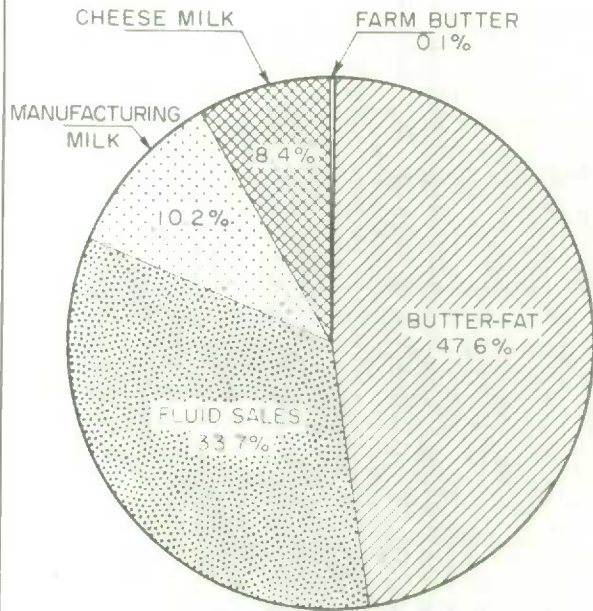
Method of Estimating Milk Production .....	23
Conversion Rates for Product Equivalents .....	23
Weight Conversion Rates for Units of Volume .....	23

# FARM SALES OF DAIRY PRODUCTS

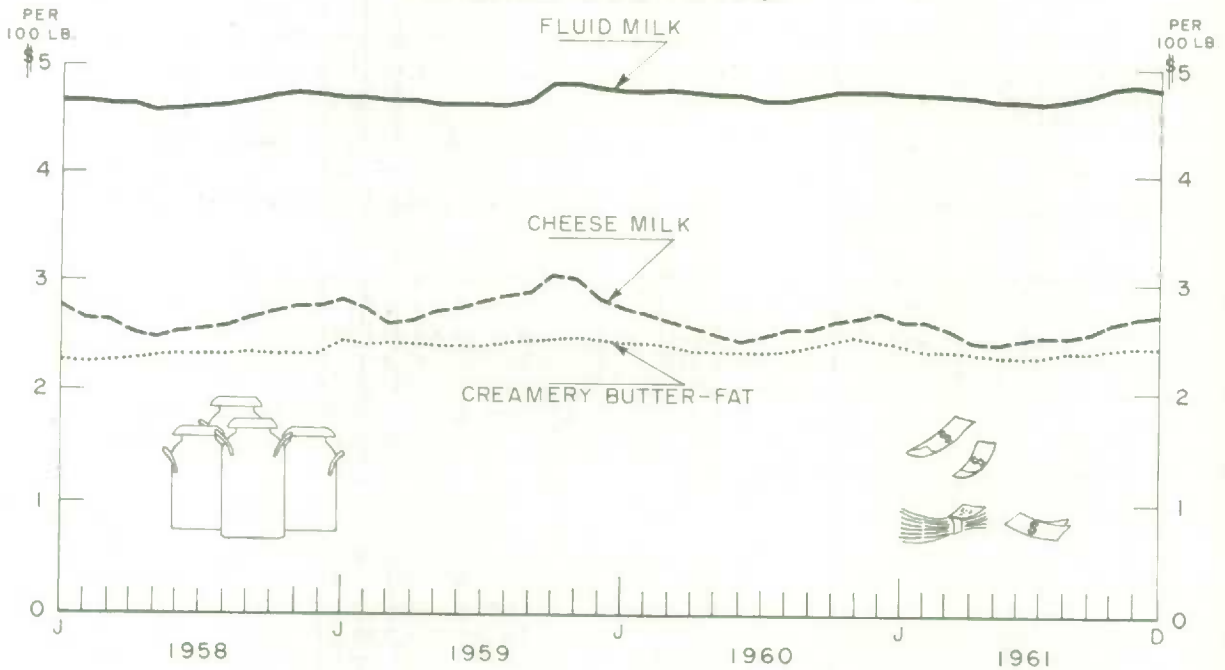
1961

QUANTITIES  
(MILK)  
17,259,548,000 LB.

INCOME  
\$ 533,978,000



AVERAGE FARM VALUE OF FLUID MILK, CHEESE MILK, AND CREAMERY BUTTER-FAT EXPRESSED AS MILK CANADA 1958 TO 1961



# DAIRY STATISTICS

1961

## INTRODUCTION

Milk production in Canada during 1961 is estimated at a record 19.2 billion pounds, about 760 million pounds or 4.1 per cent more than the previous record output in 1960. The increase reflects the rise in cow numbers during the year. All provinces contributed to the increase in milk production, but more particularly Quebec and Ontario. These two provinces were responsible for approximately 79 per cent of the additional milk, with increases of 6 and 4 per cent, respectively, over production in 1960. Prince Edward Island, Alberta and British Columbia each produced 5 per cent more milk, while in the remaining provinces production was only slightly higher than a year ago. Quebec and Ontario each accounted for 6.5 billion pounds, the four western provinces, 5 billion pounds and the remaining one billion pounds of milk was produced in the three Maritime provinces. No estimates are made for milk production in Newfoundland.

Slightly more than 59 per cent of the milk produced in Canada was utilized for the manufacture of dairy factory products, 30 per cent was used for sales of fluid milk and cream and 11 per cent was used on farms. This is the same general pattern as in preceding years. Nearly all the additional milk produced during 1961, was absorbed in the manufacture of creamery butter. Factory utilization by products was as follows: 43 per cent for creamery butter, 7 per cent for cheese, 5 per cent for concentrated whole milk products and 4 per cent for ice cream mix. Of the milk used on farms, 6 per cent was consumed in farm homes in the form of milk and cream, 4 per cent pail fed to livestock, and 1 per cent used in the manufacture of farm butter.

Milk cow numbers at June 1, 1961, were 2.3 per cent higher than at the same date a year earlier. With the exception of a 1.7 per cent decline in the Maritime provinces, cow numbers were up in all provinces. In Quebec, Ontario, Saskatchewan, Alberta and British Columbia, 2 to 3 per cent more cows were reported on farms, while Manitoba had less than one per cent more cows than at the same date last year. Cow numbers at December 1 indicated the same picture as at June 1. The number of heifers retained for milking purposes increased both at June 1 and December 1 over a year ago. This is the second successive increase after an almost continuous decline since 1948.

Production conditions remained generally favourable in 1961, despite serious drought in the Prairie provinces that threatened to reduce milk production. Eastern Canada and particularly British Columbia experienced good growing conditions in June and until the end of September, grass and

fodder crops made excellent growth. Anticipating the seriousness of the situation in the West, measures were taken by provincial and federal government officials in an attempt to avoid feed shortages and any necessity for liquidating livestock in areas where farmers were hardest hit by drought. Arrangements were made for assistance with respect to transportation costs on shipments of fodder, for the movement of cattle to feed, and for the transportation of haying equipment, for the period, June 26, 1961 to March 31, 1962. The Canadian Wheat Board also arranged for the retention of stocks of wheat, oats and barley in country elevators for local requirements when needed; and under P.F.R.A., steps were taken to provide feedlot arrangements on community pastures where adequate water was available.

The total farm value of all milk produced in 1961 amounted to \$617 million. This was made up of farm cash income from the sale of milk, cream and farm butter (\$534 million); the value of milk, cream and farm butter consumed on the farm (\$34 million); and the value of milk, skim milk and buttermilk fed to farm animals (\$49 million). Farm cash income from dairying was 3 per cent higher than in 1960. The sale of milk for fluid purposes amounted to \$258 million, 1 per cent higher than in the previous year. Farm Cash income from milk and cream sold for creamery butter manufacture was \$192 million, 9 per cent higher than the corresponding value for 1960 while milk for other factory products brought \$84 million in cash income to farmers, 2 per cent less than in 1960.

The average value of all milk and milk equivalent of cream sold by farmers, dropped 5 cents per cwt. to \$3.09 in 1961. This is the second year in succession that the average has been lower than that of the preceding year. Milk purchased by fluid milk distributors for sale as fluid milk, averaged 1 cent per cwt. higher in 1961, but milk utilized for the manufacture of concentrated whole milk products and ice cream mix brought 2 cents less per cwt. to farmers in 1961 than in 1960. Milk and cream for the manufacture of creamery butter dropped three-quarters of a cent per pound butter-fat, and milk used for cheese-making dropped 4 cents per cwt.

The price support program for dairy products was unchanged from 1960 with the exception that there was no purchase program for whole milk powder in 1961. On April 20, 1961, the Federal Government announced that price supports in force for butter and cheese would continue for another twelve months commencing May 1, 1961. Butter therefore would continue to be supported at 64 cents, Ontario cheese at 32 cents and Quebec

cheese at 31½ cents. The 25 cent per cwt. payment for manufacturing milk, exclusive of milk from producers who sell a portion of their milk to the fluid milk market, was to remain effective until April 30, 1962.

The production of creamery butter during 1961 amounted to a record 352 million pounds, 15.6 million more than the previous record output in 1958 and 31.2 million or 10 per cent above production in 1960. Sharp increases in production in Quebec, Ontario and Alberta, accounted for most of the additional butter produced but all provinces manufactured more butter in 1961 than in 1960. Quebec, the largest butter manufacturing province, produced 139 million pounds of creamery butter during the year, 12 per cent above production a year ago. Ontario produced 95 million, up 11 per cent and Alberta 41 million almost 10 per cent above production in 1960. Combined with whey butter and butter made on farms, total butter production amounted to 364 million pounds in 1961. Cheddar cheese production, at 118 million pounds, was 7 per cent above production in 1960. This was due almost entirely to a 20 per cent increase in Quebec to 46 million pounds. Outside of four war years, 1942 to 1945, when production averaged 59 million pounds, this was the highest production recorded by Quebec since 1928. Ontario, the largest producer of cheddar cheese, manufactured 67 million pounds in 1961, virtually no change from a year ago. Ice cream mix production at 21 million gallons was 5 per cent above the high level established in 1960. The ice cream equivalent of ice cream mix shown for 1960 and 1961 in this issue of Dairy Statistics, was 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. Evaporated milk, the most important of the whole milk products, advanced 2 per cent to 322 million pounds in 1961, whole milk powder declined 44 per cent to 26 million pounds, while the leading by-product, skim milk powder, established a new record by advancing 24 per cent to 213 million pounds. The decline in whole milk powder was due to the discontinuance of the government purchase program which had resulted in the higher production of this product in 1960.

The domestic disappearance of creamery butter, which has declined continuously in both total and per capita since 1957, amounted to 288 million pounds in 1961. The 15.8 pounds per capita was one-half pound below 1960 but almost 4 pounds below 1957. Calculations for 1960 and 1961 include the

butter equivalent of butter oil. Cheddar cheese consumed as such, at 51 million pounds or 2.8 pounds per capita, was slightly higher in total but 2 per cent lower in per capita than during 1960. Process cheese, which is for the most part cheddar in content, was 57 million or 3.2 pounds per capita in 1961. This represented increases of 4 and 2 per cent, respectively, over corresponding figures a year ago. The Canadian market for fancy and imported cheeses has been growing rapidly, probably largely as a result of immigration. In the past ten years, the consumption of these types of cheeses has more than doubled. Total disappearance moved up from 11 million pounds in 1951 to 26 million pounds in 1961, or from 0.8 pounds to 1.4 pounds per capita. Total domestic disappearance of evaporated milk declined 4 per cent to 301 million pounds and per capita 7 per cent to 16.5 pounds. Skim Milk powder, on the other hand, advanced 24 per cent to 153 million pounds. Since large quantities of this product are used for livestock feed it is difficult to determine the exact amount used for human consumption.

The simple average of wholesale butter price quotations at Montreal declined 5⁄8 of a cent to 62½ cents per pound in 1961, while average wholesale Ontario cheddar cheese prices at Belleville advanced 5⁄8 of a cent to 33½ cents per pound. The Montreal average wholesale price for evaporated milk was unchanged at \$6.40 per case in 1961. Skim milk powder prices continue to decline, spray process dropped 1¾ cents to 7¾ cents per pound in 1961, and roller process 2¼ cents to 6¼ cents per pound.

The production of butter oil testing over 95 per cent fat and made from fresh cream, amounted to 652 thousand pounds in 1961. This represents less than one-third of the production in 1959 when almost 2 million pounds was produced. The government's program of storing surplus creamery butter stocks in the form of butter oil may have contributed greatly to the decline in other butter oil production.

From the time the production and sale of margarine was legalized in Canada in 1949, margarine production has more than doubled, moving from 74 million pounds in 1949 to 184 million pounds in 1961. On a per capita basis, disappearance moved from 5.5 pounds to 10.1 pounds. In comparison, total creamery butter disappearance advanced 10 per cent over the same period but per capita disappearance declined 19 per cent from 19.6 pounds to 15.8 pounds in 1961.

TABLE 1. Milk Production and Utilization, Canada, by Province, 1958 to 1961

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 <sup>1</sup>	In factories	Fluid sales	Farm-home consumed	Fed on farms	
	'000 lb.					
<b>Prince Edward Island:</b>						
1958 .....	3,814	167,712	26,212	23,840	12,985	234,563
1959 .....	2,714	174,120	26,850	22,460	13,486	239,630
1960 .....	2,223	160,213	27,339	22,550	13,273	225,598
1961 .....	2,153	169,942	27,088	23,790	14,115	237,088
<b>Nova Scotia:</b>						
1958 .....	15,327	147,779	182,392	47,460	16,680	409,638
1959 .....	15,023	144,447	167,514	47,570	18,900	413,454
1960 .....	12,987	124,179	194,244	47,490	19,290	398,190
1961 .....	12,191	133,437	196,865	42,690	17,512	402,695
<b>New Brunswick:</b>						
1958 .....	25,483	218,607	151,827	41,550	20,634	458,101
1959 .....	18,767	208,783	156,260	41,700	22,960	448,470
1960 .....	19,141	195,549	157,370	40,570	27,180	439,810
1961 .....	19,820	201,645	161,454	39,200	24,732	446,851
<b>Quebec:</b>						
1958 .....	30,069	3,892,023	1,666,584	283,900	198,770	6,071,346
1959 .....	27,729	3,824,899	1,682,475	271,100	211,320	6,017,523
1960 .....	23,728	3,926,354	1,722,536	287,100	219,130	6,178,848
1961 .....	19,984	4,252,715	1,753,629	281,400	233,520	6,541,248
<b>Ontario:</b>						
1958 .....	17,878	3,512,703	2,041,680	227,600	214,200	6,014,061
1959 .....	17,737	3,614,801	2,111,370	230,300	234,800	6,209,008
1960 .....	15,070	3,652,196	2,148,655	222,800	225,900	6,264,621
1961 .....	10,086	3,868,549	2,162,011	215,900	249,700	6,506,246
<b>Manitoba:</b>						
1958 .....	36,410	664,855	305,998	100,190	52,770	1,160,223
1959 .....	34,094	639,908	311,539	101,460	52,520	1,139,521
1960 .....	29,718	625,046	321,645	95,800	54,720	1,127,129
1961 .....	25,342	640,668	320,388	86,040	56,510	1,128,948
<b>Saskatchewan:</b>						
1958 .....	76,729	727,523	312,470	179,200	59,230	1,355,152
1959 .....	63,484	710,899	323,322	176,100	63,740	1,337,545
1960 .....	57,681	698,002	338,730	177,300	65,490	1,337,203
1961 .....	52,182	705,801	343,645	170,400	72,470	1,344,498
<b>Alberta:</b>						
1958 .....	61,846	924,417	348,403	151,400	59,090	1,545,156
1959 .....	57,283	925,322	360,493	141,700	56,210	1,541,008
1960 .....	52,650	1,014,576	365,401	146,400	57,110	1,636,137
1961 .....	43,664	1,097,169	369,307	145,000	65,250	1,720,390
<b>British Columbia:</b>						
1958 .....	8,026	283,015	455,862	32,360	26,380	805,643
1959 .....	9,618	308,830	462,040	31,820	28,270	840,578
1960 .....	9,734	329,692	475,261	32,530	30,670	877,887
1961 .....	8,424	363,876	479,500	31,710	33,790	917,302
<b>Canada:</b>						
1958 .....	275,582	10,538,634	5,491,428	1,087,500	660,739	18,053,883
1959 .....	246,449	10,552,009	5,621,863	1,064,210	702,206	18,186,737
1960 .....	222,932	10,725,807	5,751,381	1,072,540	712,763	18,485,423
1961 .....	193,846	11,433,804	5,813,887	1,036,130	767,599	19,245,266

<sup>1</sup> Milk used in farm butter only.

TABLE 2. Milk Equivalents of Dairy Factory Products, Canada, by Province, 1958 to 1961

Province and year	Creamery butter	Cheddar cheese	Other cheese <sup>1</sup>	Concentrated milk products <sup>2</sup>	Ice cream mix	Total <sup>3</sup>
	'000 lb.					
Prince Edward Island:						
1958 .....	141,640	8,932	—	<sup>4</sup>	3,315	167,712
1959 .....	137,101	13,090	—	<sup>4</sup>	3,927	174,120
1960 .....	122,546	11,308	—	<sup>4</sup>	4,284	160,213
1961 .....	135,907	9,636	—	<sup>4</sup>	4,216	169,942
Nova Scotia:						
1958 .....	113,620	—	—	8,917	24,820	147,779
1959 .....	105,066	—	297	10,897	27,727	144,447
1960 .....	84,544	—	—	9,400	29,784	124,179
1961 .....	91,868	—	—	11,024	30,022	133,437
New Brunswick:						
1958 .....	194,548	9,130	—	—	14,858	218,607
1959 .....	183,245	8,437	—	—	17,034	208,783
1960 .....	169,369	7,755	—	—	18,360	195,549
1961 .....	177,161	5,786	—	—	18,632	201,645
Quebec:						
1958 .....	3,124,883	261,602	36,881	313,646	153,612	3,892,023
1959 .....	2,974,772	371,888	39,997	265,747	172,176	3,824,899
1960 .....	2,895,306	420,112	41,963	397,909	170,748	3,926,354
1961 .....	3,247,663	505,175	46,165	273,459	179,044	4,252,715
Ontario:						
1958 .....	2,093,177	690,052	71,754	420,677	231,506	3,512,703
1959 .....	2,044,715	759,374	80,009	464,529	260,372	3,614,801
1960 .....	1,998,266	736,329	87,892	562,754	261,018	3,652,196
1961 .....	2,223,843	737,869	84,593	547,117	267,852	3,868,549
Manitoba:						
1958 .....	623,774	7,623	2,585	<sup>4</sup>	29,784	664,855
1959 .....	599,742	4,235	2,461	<sup>4</sup>	32,113	639,908
1960 .....	579,805	5,357	2,431	<sup>4</sup>	36,142	625,046
1961 .....	591,505	6,061	2,142	<sup>4</sup>	39,304	640,668
Saskatchewan:						
1958 .....	690,510	506	11	—	36,040	727,523
1959 .....	670,901	2,090	—	—	37,519	710,899
1960 .....	655,481	3,212	—	—	38,726	698,002
1961 .....	664,396	319	—	—	40,290	705,801
Alberta:						
1958 .....	803,252	17,985	154	<sup>4</sup>	55,675	924,417
1959 .....	803,135	17,347	176	<sup>4</sup>	56,729	925,322
1960 .....	873,709	19,360	529	<sup>4</sup>	63,308	1,014,576
1961 .....	957,458	19,580	517	<sup>4</sup>	68,544	1,097,169
British Columbia:						
1958 .....	76,752	8,701	407	121,254	72,012	283,015
1959 .....	99,848	7,755	561	123,173	72,692	308,830
1960 .....	118,404	10,659	418	121,320	73,950	329,692
1961 .....	137,592	12,848	550	126,364	80,274	363,878
Canada:						
1958 .....	7,862,166	1,004,531	111,792	924,432	621,622	10,536,634
1959 .....	7,618,525	1,184,216	123,501	931,163	680,289	10,552,009
1960 .....	7,497,430	1,214,092	133,232	1,169,725	696,320	10,725,807
1961 .....	8,227,393	1,297,274	133,967	1,027,270	728,178	11,433,804

<sup>1</sup> Other cheese, made from whole milk and cream, not including creamed cottage cheese.<sup>2</sup> Evaporated and condensed whole milk, whole milk powder, cream powder, malted milk, partly skimmed evaporated milk, formula milks, whole milk powder of less than 26% fat, evaporated milk of 2% fat, sterilized cream and multi-milk.<sup>3</sup> Includes small quantities of milk used in creaming cottage cheese.<sup>4</sup> Excluded to avoid disclosing individual company operations but included in provincial and Canada totals.



TABLE 3. Farm Sales and Home Use of Milk and Farm Butter, Canada, by Province, 1958 to 1961

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 con- centration and ice cream mix	Fluid sales	Farm butter	
	'000 lb.							
<b>Prince Edward Island:</b>								
1958 .....	156	23,840	4,963	8,945	17,127	26,212	7	194,085
1959 .....	113	22,460	4,804	13,099	23,920	28,850	3	201,039
1960 .....	92	22,550	4,242	11,317	26,350	27,339	3	187,621
1961 .....	90	23,790	4,704	9,648	24,387	27,088	2	197,076
<b>Nova Scotia:</b>								
1958 .....	529	47,460	3,982	412	33,737	182,392	126	333,120
1959 .....	519	47,570	3,662	757	38,624	187,514	123	334,838
1960 .....	449	47,490	2,927	451	39,184	194,244	106	320,904
1961 .....	413	42,690	3,180	523	41,046	196,865	108	332,828
<b>New Brunswick:</b>								
1958 .....	794	41,550	6,817	9,201	14,858	151,827	295	377,338
1959 .....	585	41,700	6,422	8,504	17,034	156,260	217	370,121
1960 .....	599	40,570	5,863	7,820	18,360	157,370	219	358,044
1961 .....	652	39,200	6,133	5,852	18,632	161,454	195	367,861
<b>Quebec:</b>								
1958 .....	1,193	283,900	109,504	299,882	467,258	1,666,584	92	5,560,758
1959 .....	1,102	271,100	104,244	412,204	437,923	1,682,475	83	5,509,317
1960 .....	961	287,100	100,222	462,391	568,657	1,722,536	53	5,650,129
1961 .....	803	281,400	112,419	552,549	452,503	1,753,629	51	6,007,539
<b>Ontario:</b>								
1958 .....	688	227,600	73,351	767,343	652,183	2,041,680	76	5,556,159
1959 .....	686	230,300	71,652	845,185	724,901	2,111,370	72	5,727,855
1960 .....	588	222,800	69,171	830,158	823,772	2,148,655	56	5,802,164
1961 .....	397	215,900	76,979	829,737	814,969	2,162,011	34	6,031,356
<b>Manitoba:</b>								
1958 .....	1,505	100,190	21,859	11,194	29,887	305,998	51	972,047
1959 .....	1,419	101,460	21,017	7,687	32,479	311,539	38	952,337
1960 .....	1,257	95,800	20,070	8,786	36,455	321,845	13	947,191
1961 .....	1,070	86,040	20,475	9,351	39,812	320,388	13	961,356
<b>Saskatchewan:</b>								
1958 .....	3,206	179,200	24,197	973	36,040	312,470	73	1,041,699
1959 .....	2,689	176,100	23,510	2,479	37,519	323,322	24	1,034,785
1960 .....	2,439	177,300	22,690	3,795	38,726	338,730	26	1,037,343
1961 .....	2,206	170,400	22,998	1,115	40,290	343,645	24	1,050,010
<b>Alberta:</b>								
1958 .....	2,589	151,400	28,148	19,467	101,698	348,403	54	1,274,086
1959 .....	2,399	141,700	28,144	19,000	103,187	360,493	49	1,286,964
1960 .....	2,203	146,400	30,244	21,596	119,271	365,401	47	1,381,081
1961 .....	1,830	145,000	33,143	22,540	117,171	369,307	36	1,467,316
<b>British Columbia:</b>								
1958 .....	304	32,360	2,690	12,997	193,266	455,862	39	739,788
1959 .....	370	31,820	3,499	13,117	195,865	462,040	41	771,855
1960 .....	366	32,530	4,099	16,018	195,270	475,261	50	806,121
1961 .....	316	31,710	4,763	19,648	206,638	479,500	44	844,406
<b>Canada:</b>								
1958 .....	10,964	1,087,500	275,511	1,130,414	1,546,054	5,491,428	813	16,049,080
1959 .....	9,882	1,064,210	266,974	1,322,032	1,611,452	5,821,863	650	16,189,111
1960 .....	8,954	1,072,540	259,528	1,362,332	1,866,045	5,751,381	573	16,490,598
1961 .....	7,777	1,036,130	284,794	1,450,963	1,755,448	5,813,887	507	17,259,548

TABLE 4. Utilization of Milk in Percentages of Total Milk Production, Canada, by Province, 1958 to 1961

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 <sup>1</sup>
	percentages						
Prince Edward Island:							
1958 .....	60.4	3.8	7.3	71.5	11.2	1.6	15.7
1959 .....	57.2	5.5	10.0	72.7	11.2	1.1	15.0
1960 .....	54.3	5.0	11.7	71.0	12.1	1.0	15.9
1961 .....	57.3	4.1	10.3	71.7	11.4	0.9	16.0
Nova Scotia:							
1958 .....	27.7	0.1	8.3	36.1	44.5	3.7	15.7
1959 .....	25.4	0.2	9.3	34.9	45.4	3.6	16.1
1960 .....	21.2	0.1	9.9	31.2	48.8	3.2	16.8
1961 .....	22.8	0.1	10.2	33.1	48.9	3.0	15.0
New Brunswick:							
1958 .....	42.5	2.0	3.2	47.7	33.1	5.6	13.6
1959 .....	40.9	1.9	3.8	46.6	34.8	4.2	14.4
1960 .....	38.5	1.8	4.2	44.5	35.8	4.3	15.4
1961 .....	39.6	1.3	4.2	45.1	36.1	4.5	14.3
Quebec:							
1958 .....	51.5	4.9	7.7	64.1	27.4	0.5	8.0
1959 .....	49.4	6.9	7.3	63.6	28.0	0.4	8.0
1960 .....	46.8	7.5	9.2	63.5	27.9	0.4	8.2
1961 .....	49.7	8.4	6.9	65.0	26.8	0.3	7.9
Ontario:							
1958 .....	34.8	12.8	10.8	58.4	34.0	0.3	7.3
1959 .....	32.9	13.6	11.7	58.2	34.0	0.3	7.5
1960 .....	31.9	13.2	13.2	58.3	34.3	0.2	7.2
1961 .....	34.2	12.8	12.5	59.5	33.2	0.1	7.2
Manitoba:							
1958 .....	53.7	1.0	2.6	57.3	26.4	3.1	13.2
1959 .....	52.6	0.7	2.9	56.2	27.3	3.0	13.5
1960 .....	51.4	0.8	3.2	55.4	28.6	2.6	13.4
1961 .....	52.4	0.8	3.5	56.7	28.4	2.3	12.6
Saskatchewan:							
1958 .....	51.0	0.1	2.6	53.7	23.0	5.7	17.6
1959 .....	50.2	0.2	2.8	53.2	24.2	4.7	17.9
1960 .....	49.0	0.3	2.9	52.2	25.3	4.3	18.2
1961 .....	49.4	0.1	3.0	52.5	25.6	3.9	18.0
Alberta:							
1958 .....	52.0	1.2	6.6	59.8	22.6	4.0	13.6
1959 .....	52.1	1.2	6.7	60.0	23.4	3.7	12.9
1960 .....	53.4	1.3	7.3	62.0	22.3	3.2	12.5
1961 .....	55.7	1.3	6.8	63.8	21.5	2.5	12.2
British Columbia:							
1958 .....	9.5	1.6	24.0	35.1	56.6	1.0	7.3
1959 .....	11.9	1.6	23.2	36.7	55.0	1.1	7.2
1960 .....	13.5	1.8	22.3	37.6	54.1	1.1	7.2
1961 .....	15.0	2.2	22.5	39.7	52.3	0.9	7.1
Canada:							
1958 .....	43.5	6.3	8.6	58.4	30.4	1.5	9.7
1959 .....	41.9	7.3	8.8	58.0	30.9	1.4	9.7
1960 .....	40.5	7.4	10.1	58.0	31.1	1.2	9.7
1961 .....	42.8	7.5	9.1	59.4	30.2	1.0	9.4

<sup>1</sup> Milk consumed in farm homes and fed to livestock.

TABLE 5. Cows and Yearling Heifers Kept for Milking, by Province, 1958 to 1961

Province and Year	June 1st			December 1st		
	Cows	Percentage milked <sup>1</sup>	Heifers	Cows	Percentage milked <sup>1</sup>	Heifers
	'000 head	%	'000 head	'000 head	%	'000 head
<b>Prince Edward Island:</b>						
1958 .....	42	80.1	9	40	75.0	7
1959 .....	41	79.2	8	40	73.6	8
1960 .....	41	79.0	9	40	74.8	8
1961 .....	41	78.4	9	39	75.6	8
<b>Nova Scotia:</b>						
1958 .....	71	75.4	16	70	72.3	15
1959 .....	69	74.5	15	68	68.1	15
1960 .....	68	74.5	15	67	72.1	15
1961 .....	67	72.1	16	65	68.4	14
<b>New Brunswick:</b>						
1958 .....	81	79.6	17	76	68.2	14
1959 .....	75	80.8	16	72	67.1	13
1960 .....	72	80.9	15	70	68.0	12
1961 .....	70	81.5	14	67	68.4	12
<b>Quebec:</b>						
1958 .....	1,082	82.9	190	1,048	61.1	162
1959 .....	1,083	82.6	184	1,064	62.6	159
1960 .....	1,114	82.1	180	1,095	61.5	152
1961 .....	1,141	82.0	170	1,128	61.7	148
<b>Ontario:</b>						
1958 .....	1,015	76.3	277	1,007	65.2	256
1959 .....	1,015	78.3	275	1,008	66.2	272
1960 .....	1,040	76.9	290	1,036	64.3	283
1961 .....	1,075	75.9	305	1,072	65.5	297
<b>Manitoba:</b>						
1958 .....	218	72.3	50	212	59.1	43
1959 .....	214	73.6	47	211	56.8	42
1960 .....	211	73.4	45	208	53.2	42
1961 .....	212	73.9	46	208	55.0	39
<b>Saskatchewan:</b>						
1958 .....	254	75.2	50	250	56.9	46
1959 .....	248	74.9	47	246	55.1	42
1960 .....	245	75.6	46	244	54.5	41
1961 .....	251	74.7	45	246	54.4	37
<b>Alberta:</b>						
1958 .....	275	75.1	57	273	60.3	50
1959 .....	272	75.4	56	270	60.5	51
1960 .....	277	77.3	57	275	58.3	51
1961 .....	283	77.0	57	277	59.3	50
<b>British Columbia:</b>						
1958 .....	91	75.5	21	91	73.3	21
1959 .....	91	78.8	24	93	70.5	25
1960 .....	94	76.1	26	95	73.1	26
1961 .....	96	77.0	26	98	72.9	25
<b>Canada:</b>						
1958 .....	3,129	77.8	687	3,067	63.9	614
1959 .....	3,108	78.5	672	3,072	63.9	627
1960 .....	3,162	78.0	683	3,130	62.8	630
1961 .....	3,236	77.8	688	3,200	63.3	630

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

TABLE 6. Farm Income from Dairying, Canada, by Province, 1958 to 1961

Province and year	Farm cash income						Income in kind <sup>1</sup>	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:								
1958 .....	3,213	204	472	1,016	7	4,912	738	5,650
1959 .....	3,176	297	665	1,054	3	5,195	686	5,881
1960 .....	2,778	251	740	1,068	3	4,840	670	5,510
1961 .....	3,093	212	671	1,065	2	5,043	705	5,748
Nova Scotia:								
1958 .....	2,539	9	959	8,501	76	12,084	1,698	13,782
1959 .....	2,398	28	1,083	8,963	73	12,545	1,720	14,265
1960 .....	1,928	16	1,136	9,258	63	12,401	1,695	14,096
1961 .....	2,092	15	1,169	9,406	65	12,747	1,524	14,271
New Brunswick:								
1958 .....	4,342	221	490	6,861	188	12,102	1,718	13,820
1959 .....	4,088	212	562	7,084	136	12,082	1,582	13,664
1960 .....	3,745	185	603	7,262	139	11,934	1,561	13,495
1961 .....	3,951	130	615	7,377	122	12,195	1,564	13,759
Quebec:								
1958 .....	75,582	8,658	12,846	69,916	58	167,060	9,057	176,117
1959 .....	75,580	11,839	12,060	70,721	50	170,250	9,237	179,487
1960 .....	70,946	12,712	15,470	72,526	34	171,688	9,476	181,164
1961 .....	78,584	14,919	12,175	73,830	33	179,541	9,116	188,657
Ontario:								
1958 .....	46,884	19,142	17,116	38,251	49	171,442	6,554	177,996
1959 .....	50,066	24,157	18,926	91,859	45	185,053	7,319	192,372
1960 .....	47,361	20,561	21,670	95,434	38	185,064	6,918	191,982
1961 .....	51,846	20,035	20,733	95,727	22	188,363	6,321	194,684
Manitoba:								
1958 .....	13,651	282	670	12,037	31	26,671	3,448	30,119
1959 .....	13,230	203	736	12,205	23	26,397	3,477	29,874
1960 .....	12,716	227	1,020	12,682	12	26,657	3,247	29,904
1961 .....	12,935	239	1,107	13,140	12	27,433	2,870	30,303
Saskatchewan:								
1958 .....	15,637	23	842	12,643	43	29,188	6,482	35,670
1959 .....	15,271	59	908	13,577	12	29,827	6,177	36,004
1960 .....	14,785	93	939	14,146	13	29,976	6,147	36,123
1961 .....	14,925	28	965	14,504	12	30,434	5,808	36,242
Alberta:								
1958 .....	18,556	492	2,884	15,111	30	37,073	5,496	42,569
1959 .....	18,598	501	2,877	15,575	27	37,578	5,169	42,747
1960 .....	19,896	583	3,312	15,781	24	39,596	5,162	44,758
1961 .....	21,738	602	3,248	16,005	24	41,617	4,953	46,570
British Columbia:								
1958 .....	1,643	339	8,287	24,740	24	35,033	1,100	36,133
1959 .....	2,395	353	6,184	26,326	23	35,281	1,214	36,495
1960 .....	2,754	407	5,573	26,834	28	35,596	1,234	36,830
1961 .....	3,119	507	6,299	26,654	26	36,605	1,152	37,757
Canada:								
1958 .....	182,047	29,370	44,566	239,076	506	495,565	36,291	531,856
1959 .....	184,802	37,649	44,001	247,364	392	514,208	36,581	550,789
1960 .....	176,909	35,035	50,463	254,991	354	517,752	36,110	553,862
1961 .....	192,283	36,687	46,982	257,708	318	533,978	34,013	567,991

<sup>1</sup> Value of milk, cream and farm butter consumed in farm-homes.

TABLE 7. Farm Value of Milk Production, Canada, by Province, 1958 to 1961

Province and year	Used in manufacture		Milk otherwise used			Total milk production
	On farms <sup>1</sup>	In factories	Fluid sales	Farm-home consumed	Fed on farms <sup>2</sup>	
	thousands of dollars					
<b>Prince Edward Island:</b>						
1958 .....	104	3,889	1,016	641	843	6,493
1959 .....	74	4,138	1,054	615	866	6,747
1960 .....	60	3,769	1,068	613	807	6,317
1961 .....	58	3,976	1,065	649	877	6,625
<b>Nova Scotia:</b>						
1958 .....	393	3,507	8,501	1,381	929	14,711
1959 .....	385	3,509	8,963	1,408	976	15,241
1960 .....	333	3,080	9,258	1,425	915	15,011
1961 .....	313	3,276	9,406	1,276	872	15,143
<b>New Brunswick:</b>						
1958 .....	697	5,053	6,861	1,209	1,374	15,194
1959 .....	505	4,862	7,084	1,213	1,387	15,031
1960 .....	515	4,533	7,262	1,185	1,429	14,924
1961 .....	534	4,696	7,377	1,152	1,383	15,142
<b>Quebec:</b>						
1958 .....	797	97,086	69,916	8,318	13,702	189,819
1959 .....	747	99,479	70,721	8,540	15,652	195,139
1960 .....	639	99,128	72,526	8,871	17,071	198,235
1961 .....	538	105,678	73,830	8,611	18,660	207,317
<b>Ontario:</b>						
1958 .....	481	83,142	88,251	6,122	10,463	188,459
1959 .....	478	93,149	91,859	6,886	12,423	204,795
1960 .....	406	89,592	95,434	6,550	12,663	204,645
1961 .....	276	92,614	95,727	6,067	12,569	207,253
<b>Manitoba:</b>						
1958 .....	934	14,603	12,037	2,545	3,669	33,788
1959 .....	903	14,169	12,205	2,597	3,581	33,455
1960 .....	787	13,963	12,682	2,472	3,551	33,455
1961 .....	671	14,281	13,140	2,211	3,615	33,918
<b>Saskatchewan:</b>						
1958 .....	1,902	16,502	12,643	4,623	3,939	39,609
1959 .....	1,628	16,238	13,577	4,581	3,952	39,956
1960 .....	1,479	15,817	14,146	4,881	4,281	40,404
1961 .....	1,336	15,918	14,504	4,482	4,469	40,711
<b>Alberta:</b>						
1958 .....	1,559	21,932	15,111	3,967	4,231	46,800
1959 .....	1,469	21,976	15,575	3,727	4,139	46,886
1960 .....	1,350	23,791	15,781	3,836	4,337	49,095
1961 .....	1,120	25,588	16,005	3,857	5,227	51,797
<b>British Columbia:</b>						
1958 .....	202	10,269	24,740	922	834	36,967
1959 .....	238	8,932	26,326	999	991	37,486
1960 .....	241	8,734	26,834	1,021	1,090	37,920
1961 .....	205	9,925	26,654	973	1,170	38,927
<b>Canada:</b>						
1958 .....	7,069	255,983	239,076	29,728	39,984	571,840
1959 .....	6,427	266,452	247,364	30,546	43,947	594,736
1960 .....	5,810	262,407	254,991	30,654	46,144	600,006
1961 .....	5,053	275,952	257,708	29,278	48,842	616,833

<sup>1</sup> Farm butter only.<sup>2</sup> 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, 1958 to 1961

Province and year	Creamery butter-fat	Cheese milk	Milk for con- centration and ice cream mix	Fluid milk	Farm butter	Average of all sales as milk
	per lb. ¢	per cwt. ¢	per cwt. ¢	per cwt. ¢	per lb. ¢	per cwt. ¢
<b>Prince Edward Island:</b>						
1958	64.7	2.28	2.76	3.98	64	2.53
1959	66.1	2.27	2.78	4.03	64	2.58
1960	65.5	2.22	2.81	4.01	63	2.58
1961	65.8	2.20	2.75	4.04	63	2.56
<b>Nova Scotia:</b>						
1958	63.8	—	2.84	4.89	60	3.63
1959	65.1	3.74	2.80	5.02	60	3.75
1960	65.9	—	2.90	5.01	60	3.86
1961	65.8	—	2.85	5.02	60	3.83
<b>New Brunswick:</b>						
1958	63.7	2.40	3.30	4.69	64	3.21
1959	63.7	2.49	3.30	4.70	63	3.26
1960	63.9	2.36	3.28	4.80	63	3.33
1961	64.4	2.23	3.30	4.75	63	3.32
<b>Quebec:</b>						
1958	69.0	2.89	2.75	4.48	62	3.00
1959	72.5 <sup>1</sup>	2.87	2.75	4.49	63	3.09
1960	70.8 <sup>1</sup>	2.75	2.72	4.50	63	3.04
1961	69.9 <sup>1</sup>	2.70	2.69	4.50	63	2.99
<b>Ontario:</b>						
1958	63.9	2.49	2.62	4.65	63	3.09
1959	69.9 <sup>2</sup>	2.86	2.61	4.71	63	3.23
1960	68.5 <sup>1</sup>	2.48	2.63	4.84	63	3.19
1961	67.4 <sup>1</sup>	2.41	2.54	4.84	64	3.12
<b>Manitoba:</b>						
1958	62.4	2.52	2.24	4.41	60	2.74
1959	62.9	2.64	2.26	4.39	62	2.78
1960	63.4	2.59	2.80 <sup>2</sup>	4.42	62	2.81
1961	63.2	2.56	2.78 <sup>2</sup>	4.60	62	2.85
<b>Saskatchewan:</b>						
1958	64.6	2.32	2.33	4.37	58	2.80
1959	65.0	2.39	2.42	4.53	60	2.88
1960	65.2	2.46	2.42	4.51	60	2.89
1961	64.9	2.51	2.40	4.56	60	2.90
<b>Alberta:</b>						
1958	65.9	2.52	2.84	4.61	59	2.91
1959	66.1	2.64	2.79	4.60	60	2.92
1960	65.8	2.70	2.78	4.60	60	2.87
1961	65.6	2.67	2.77	4.62	60	2.84
<b>British Columbia:</b>						
1958	61.1	2.55	4.29	5.38	59	4.74
1959	68.4 <sup>1</sup>	2.68	3.16 <sup>2</sup>	5.66	58	4.57
1960	67.2 <sup>1</sup>	2.56	2.85 <sup>1</sup>	5.65	58	4.42
1961	65.5 <sup>1</sup>	2.60	3.05 <sup>1</sup>	5.56	57	4.33
<b>Canada:</b>						
1958	66.1	2.60	2.88	4.63	62	3.09
1959	69.2 <sup>1</sup>	2.85	2.73	4.69	62	3.18
1960	68.2 <sup>1</sup>	2.57	2.70	4.74	62	3.14
1961	67.5 <sup>1</sup>	2.53	2.68	4.75	61	3.09

<sup>1</sup> Not fully comparable due to change in weighting relative quantities of milk and cream deliveries.<sup>2</sup> Valuation of the milk equivalent of ice cream mix was changed January 1, 1960, from a cream to a milk basis.<sup>3</sup> Valuation of the milk equivalent of ice cream mix was changed January 1, 1959, from the average value of cream purchased for fluid cream sales to the class III accounting value.

TABLE 9. Production of Butter, Cheese and Ice Cream Mix, Canada, by Province, 1958 to 1961

Province and year	Butter				Cheese		Cottage cheese <sup>2</sup>	Ice cream mix production
	Creamery	Farm	Whey	Total	Cheddar	Other <sup>1</sup>		
	'000 lb.							'000 gal.
<b>Prince Edward Island:</b>								
1958 .....	6,053	163	14	6,230	812	—	'	97
1959 .....	5,859	116	19	5,994	1,190	—	'	115
1960 .....	5,237	95	18	5,350	1,028	—	'	126
1961 .....	5,808	92	16	5,916	876	—	'	124
<b>Nova Scotia:</b>								
1958 .....	4,856	655	—	5,511	—	—	484	730
1959 .....	4,490	642	—	5,132	—	'	535	816
1960 .....	3,613	555	—	4,168	—	—	524	878
1961 .....	3,926	521	—	4,447	—	—	528	883
<b>New Brunswick:</b>								
1958 .....	8,314	1,089	—	9,403	830	—	'	437
1959 .....	7,831	802	—	8,633	767	—	'	501
1960 .....	7,238	818	—	8,056	705	—	'	540
1961 .....	7,571	847	—	8,418	526	—	'	548
<b>Quebec:</b>								
1958 .....	133,542	1,285	262	135,089	23,782	3,498	1,653	4,518
1959 .....	127,127	1,185	273	128,585	33,808	3,789	1,840	5,064
1960 .....	123,731	1,014	291	125,036	38,192	3,972	1,913	5,022
1961 .....	138,789	854	985	140,628	45,925	4,371	2,027	5,266
<b>Ontario:</b>								
1958 .....	89,452	764	1,857	92,073	62,732	6,605	8,351	6,809
1959 .....	87,381	758	2,425	90,564	69,034	7,342	9,078	7,658
1960 .....	85,396	644	2,649	88,689	66,939	8,079	9,205	7,677
1961 .....	95,036	431	2,861	98,328	67,079	7,760	9,790	7,878
<b>Manitoba:</b>								
1958 .....	26,657	1,556	—	28,213	693	'	1,720	876
1959 .....	25,630	1,457	—	27,087	385	'	1,731	944
1960 .....	24,778	1,270	—	26,048	487	'	1,743	1,063
1961 .....	25,278	1,083	—	26,361	551	'	1,702	1,156
<b>Saskatchewan:</b>								
1958 .....	29,509	3,279	—	32,788	46	'	650	1,060
1959 .....	28,671	2,713	—	31,384	190	—	698	1,104
1960 .....	28,012	2,465	—	30,477	292	—	788	1,139
1961 .....	28,393	2,230	—	30,623	29	—	949	1,185
<b>Alberta:</b>								
1958 .....	34,327	2,643	4	36,974	1,635	'	1,683	1,637
1959 .....	34,322	2,448	5	36,775	1,577	'	1,855	1,869
1960 .....	37,338	2,250	7	39,595	1,760	48	2,222	1,862
1961 .....	40,917	1,866	7	42,790	1,780	47	2,729	2,016
<b>British Columbia:</b>								
1958 .....	3,280	343	—	3,623	791	'	4,526	2,118
1959 .....	4,267	411	—	4,678	705	'	5,685	2,138
1960 .....	5,060	416	—	5,476	969	'	5,849	2,175
1961 .....	5,880	360	—	6,240	1,168	'	6,351	2,361
<b>Canada:</b>								
1958 .....	335,990	11,777	2,137	349,904	91,321	10,406	19,145	18,282
1959 .....	325,578	10,532	2,722	338,832	107,656	11,464	21,511	20,009
1960 .....	320,403	9,527	2,965	332,895	110,372	12,373	22,331	20,480
1961 .....	351,598	8,284	3,869	363,751	117,934	12,436	24,155	21,417

<sup>1</sup> All varieties made from whole milk and cream except cheddar and process cheese.

<sup>2</sup> Creamed and not creamed.

<sup>3</sup> Excluded to avoid disclosing individual company operations but included in the Canada total.

TABLE 10. Fluid Sales, Canada, by Province, 1958 to 1961

Province and year	Fluid milk	Fluid cream as milk	Partly skimmed milk <sup>1</sup>	Chocolate drink	Skim milk	Buttermilk
	'000 lb.			'000 qt.		
<b>Prince Edward Island:</b>						
1958 .....	22,759	3,453	—	56	85	6
1959 .....	23,444	3,405	—	56	96	6
1960 .....	23,883	3,456	—	76	135	7
1961 .....	23,773	3,315	2	101	171	5
<b>Nova Scotia:</b>						
1958 .....	160,425	21,967	—	1,610	2,338	307
1959 .....	166,123	21,391	—	1,917	2,485	324
1960 .....	171,878	22,366	—	1,916	2,581	334
1961 .....	175,312	21,853	—	1,936	2,773	318
<b>New Brunswick</b>						
1958 .....	133,112	18,715	—	882	451	91
1959 .....	137,186	19,074	—	967	530	91
1960 .....	137,932	19,438	3	929	740	90
1961 .....	141,230	20,224	81	1,003	967	133
<b>Quebec:</b>						
1958 .....	1,406,427	260,157	2,975	4,620	3,010	783
1959 .....	1,414,944	267,531	3,864	5,524	4,369	820
1960 .....	1,447,788	274,748	5,135	5,799	5,953	740
1961 .....	1,469,324	284,305	7,144	6,314	7,318	731
<b>Ontario:</b>						
1958 .....	1,731,719	309,941	36,173	14,796	35,594	7,828
1959 .....	1,787,220	324,150	50,551	17,228	36,546	8,355
1960 .....	1,811,324	337,331	68,609	16,701	36,701	7,463
1961 .....	1,821,587	340,424	84,162	17,014	36,545	7,557
<b>Manitoba:</b>						
1958 .....	238,854	67,134	5,038	1,289	2,190	1,249
1959 .....	241,956	69,583	5,349	1,489	1,945	1,200
1960 .....	252,533	69,312	5,954	1,673	1,996	1,210
1961 .....	253,537	66,851	7,327	1,702	2,046	1,218
<b>Saskatchewan:</b>						
1958 .....	262,696	49,774	—	1,758	654	411
1959 .....	272,000	51,322	—	1,752	773	438
1960 .....	283,488	55,242	—	1,924	931	500
1961 .....	288,938	54,707	—	1,915	1,165	547
<b>Alberta:</b>						
1958 .....	294,733	53,670	352	2,523	2,215	1,064
1959 .....	304,185	56,308	989	2,590	2,518	1,046
1960 .....	307,604	57,797	4,245	2,847	2,759	1,125
1961 .....	311,627	57,680	5,848	3,111	2,982	1,234
<b>British Columbia:</b>						
1958 .....	367,092	88,770	3,122	2,055	2,700	1,699
1959 .....	367,969	94,071	5,355	1,983	2,791	1,574
1960 .....	377,969	97,292	6,764	2,186	2,824	1,627
1961 .....	382,435	97,065	8,074	2,249	2,887	1,688
<b>Canada:</b>						
1958 .....	4,617,827	873,601	47,660	29,589	49,237	13,498
1959 .....	4,715,027	906,836	66,108	33,506	52,053	14,154
1960 .....	4,814,399	936,982	90,707	34,051	54,620	13,080
1961 .....	4,867,463	946,424	112,636	35,345	56,854	13,488

<sup>1</sup> Partly skimmed milk, commonly known as 2 per cent milk, is included in pounds equivalent in the estimate for fluid milk in column 1.<sup>2</sup> Excluded to avoid disclosing individual company operations but included in the total for New Brunswick.<sup>3</sup> Excluded to avoid disclosing individual company operations but included in the total for Quebec.



TABLE 11. Production of Concentrated Milk Products, Canada, 1958 to 1961

Products	1958	1959	1960		1961
			'000 lb.		
<b>Whole milk products:</b>					
Condensed milk .....	14,194	14,553	14,420	14,814	
Case .....	2,721	3,296	2,480	2,682	
Bulk .....	11,473	11,257	11,940	12,132	
Evaporated milk .....	305,267	302,697	316,950	321,994	
Case .....	298,349	297,383	303,645	317,262	
Bulk .....	6,918	5,314	13,305	4,732	
Whole milk powder .....	19,713	20,872	45,829	25,622	
Spray .....	19,129	20,401	45,402	25,215	
Roller .....	584	471	427	407	
Partly skimmed evaporated milk .....	21,119	21,163	20,178	22,474	
Other whole milk products <sup>1</sup> .....	1,591	3,699	6,948	8,901	
<b>Milk by-products:</b>					
Condensed skim milk .....	3,444	3,814	2,602	1,999	
Evaporated skim milk .....	10,028	7,662	2,769	6,129	
Skim milk powder .....	185,625	176,437	171,969	213,029	
Spray .....	131,509	133,045	121,173	168,408	
Roller .....	54,116	43,392	50,796	44,621	
Powdered buttermilk .....	8,028	7,740	8,179	9,833	
Casein .....	3,430	4,924	8,000	13,926	
Whey powder .....	12,820	16,599	11,037	19,121	
Other milk by-products <sup>2</sup> .....	1,058	3,084	5,342	4,500	

<sup>1</sup> Malted milk, cream powder, formula milks, whole milk powder of less than 26% fat, evaporated milk of 2% fat, sterilized cream and multi-milk.  
<sup>2</sup> Sugar of milk (lactose), condensed buttermilk, special formula skim milk products and multi-skim milk.

TABLE 12. Stocks of Dairy Products in Store and Transit, Canada, January 1, May 1 and October 1, 1958 to 1961

Year	Butter			Cheese		
	January 1	May 1	October 1	January 1	May 1	October 1
	'000 lb.					
1958 .....	70,109	35,416	111,692	53,903	43,457	63,858
1959 .....	93,843	62,375	134,153	49,420	34,675	59,787
1960 .....	105,964	80,599	139,366	55,741	45,585	69,199
1961 .....	113,977	85,602	158,506	60,141	47,282	76,022
	Evaporated whole milk			Skim milk powder		
1958 .....	47,878	28,145	77,192	47,838	39,750	86,908
1959 .....	47,781	21,683	66,853	77,313	68,618	51,365
1960 .....	44,598	19,332	64,057	21,942	19,319	28,884
1961 .....	43,549	28,333	81,070	23,204	24,859	51,938

TABLE 13. Exports and Imports of Certain Dairy Products, Canada, 1958 to 1961

Year	Exports					Imports		
	Butter	Cheese	Evaporated milk	Condensed milk	Milk powder		Butter	Cheese
					Whole <sup>1</sup>	Skim		
	'000 lb.							
1958 .....	5	15,701	3,152	—	17,530	46,486	1	11,207
1959 .....	10,504	20,009	5,029	2	18,401	110,543	3	13,026
1960 .....	3,014	18,780	3,264	2	36,729	47,992	6	13,162
1961 .....	9	19,508	4,659	—	25,790	53,090	1	14,710

<sup>1</sup> Data shown for 1960 and 1961, includes adjustment for 5 million 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.  
<sup>2</sup> Less than 500 pounds.

TABLE 14. Domestic Disappearance of Butter, Cheese and Concentrated Milk Products, Canada, 1958 to 1961

Year	Butter				Cheese <sup>1</sup>			
	Creamery <sup>2</sup> butter	Farm butter	Whey butter	Total butter	Cheddar cheese	Process cheese	Other <sup>3</sup> cheese	Total cheese
Domestic disappearance '000 lb.								
1958 .....	312,255	11,777	2,134	326,166	47,162	50,214	19,615	116,991
1959 .....	303,059	10,532	2,619	316,210	47,395	52,016	22,589	122,000
1960 .....	289,889	9,527	2,979	302,395	50,597	55,176	22,750	128,523
1961 .....	287,688	8,284	3,722	299,694	50,754	57,493	25,967	134,214
Disappearance per capita lb.								
1958 .....	18.32	0.69	0.12	19.13	2.77	2.94	1.15	6.86
1959 .....	17.38	0.60	0.15	18.13	2.72	2.98	1.30	7.00
1960 .....	16.27	0.54	0.17	16.98	2.84	3.10	1.27	7.21
1961 .....	15.77	0.46	0.20	16.43	2.78	3.16	1.42	7.36
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.								
1958 .....	109,673	9,956	3,432	151,446	47,162	33,926	81,088	19,146
1959 .....	121,302	7,658	3,789	163,669	47,395	34,676	82,071	21,511
1960 .....	122,749	2,767	2,562	159,289	50,597	37,993	88,590	22,331
1961 .....	152,786	6,138	2,086	203,127	50,754	39,813	90,567	24,155
Disappearance per capita lb.								
1958 .....	6.43	0.58	0.20	8.88	2.77	1.99	4.76	1.12
1959 .....	6.95	0.44	0.22	9.38	2.72	1.99	4.71	1.23
1960 .....	6.89	0.16	0.14	8.94	2.84	2.13	4.97	1.25
1961 .....	8.38	0.34	0.11	11.14	2.78	2.19	4.97	1.32
Concentrated whole milk products								
	Evaporated milk	Condensed milk	Milk <sup>4</sup> powder	Total whole	Evaporated milk	Condensed milk	Milk <sup>4</sup> powder	Total whole
Domestic disappearance '000 lb.				Disappearance per capita lb.				
1958 .....	302,212	14,562	3,320	343,380	17.73	0.85	0.19	20.13
1959 .....	300,851	14,437	3,879	343,697	17.25	0.83	0.22	19.71
1960 .....	314,735	14,253	4,899	359,548	17.67	0.80	0.28	20.18
1961 .....	300,732	14,732	3,278	349,897	16.49	0.81	0.18	19.10

<sup>1</sup> 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.

<sup>2</sup> Data shown for 1960 and 1961 based on creamery butter and butter oil stocks in terms of butter.

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

<sup>4</sup> Data shown for 1960 and 1961 include an adjustment for trade statistics. See footnote 1, page 17.

TABLE 15. Domestic Disappearance of Ice Cream and Fluid Milk and Cream, Canada, by Province, 1958 to 1961

Province and year	Per capita			Total	
	Per year		Per day	Ice cream <sup>1</sup> '000 gal.	Fluid milk and cream <sup>2</sup> '000 pt.
	Ice cream <sup>1</sup> gal.	Fluid milk and cream <sup>2</sup> pt.	Fluid milk and cream <sup>2</sup> pt.		
<b>Prince Edward Island:</b>					
1958	1.95	388.00	1.06	195	38,800
1959	2.26	374.75	1.03	231	38,225
1960	2.66	375.48	1.03	274	38,674
1961	2.55	375.62	1.03	268	39,440
<b>Nova Scotia:</b>					
1958	2.06	250.96	0.69	1,460	178,180
1959	2.28	254.52	0.70	1,631	182,236
1960	2.45	259.19	0.71	1,771	187,391
1961	2.42	251.97	0.69	1,786	185,702
<b>New Brunswick:</b>					
1958	1.51	259.80	0.71	874	149,904
1959	1.70	260.10	0.71	1,002	153,458
1960	1.77	255.74	0.70	1,061	153,442
1961	1.82	260.11	0.71	1,087	155,546
<b>Quebec:</b>					
1958	1.85	309.58	0.85	9,036	1,512,003
1959	2.03	302.94	0.83	10,128	1,514,399
1960	1.98	305.10	0.83	10,114	1,557,857
1961	2.01	299.97	0.82	10,587	1,577,542
<b>Ontario:</b>					
1958	2.35	313.14	0.83	13,618	1,759,132
1959	2.57	304.98	0.84	15,316	1,815,248
1960	2.61	301.91	0.83	15,899	1,838,337
1961	2.64	295.60	0.81	16,440	1,843,342
<b>Manitoba:</b>					
1958	2.01	361.93	0.99	1,752	314,875
1959	2.13	361.76	0.99	1,889	320,154
1960	2.34	360.13	0.98	2,100	323,755
1961	2.47	341.71	0.94	2,275	315,061
<b>Saskatchewan:</b>					
1958	2.39	429.21	1.17	2,120	381,140
1959	2.45	429.21	1.17	2,207	387,149
1960	2.48	439.59	1.20	2,253	400,023
1961	2.53	430.79	1.18	2,338	398,485
<b>Alberta:</b>					
1958	2.73	322.60	0.88	3,275	387,444
1959	2.68	313.19	0.86	3,337	389,297
1960	2.82	309.23	0.84	3,623	396,745
1961	2.93	299.31	0.82	3,897	398,687
<b>British Columbia:</b>					
1958	2.74	245.12	0.68	4,236	378,466
1959	2.72	243.84	0.67	4,276	382,836
1960	2.57	245.10	0.67	4,133	393,636
1961	2.75	243.27	0.67	4,485	396,286
<b>Canada:</b>					
1958	2.14	307.04	0.84	36,568	5,099,944
1959	2.29	305.01	0.84	40,017	5,183,002
1960	2.31	304.80	0.83	41,228	5,289,860
1961	2.37	298.66	0.82	43,163	5,310,091

<sup>1</sup> Ice cream data shown for 1960 and 1961 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.

<sup>2</sup> 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, 1958 to 1961

Year	Per capita - lb.			Total - '000 lb.		
	Total milk	Fluid products <sup>1</sup>	Ice cream	Total milk	Fluid products <sup>1</sup>	Ice cream
1958	989.74	396.08	36.46	16,699,945	6,578,928	621,622
1959	965.80	393.46	39.00	16,668,832	6,686,073	680,289
1960	942.71	393.20	39.09	16,613,030	6,823,921	696,320
1961	920.65	385.27	39.93	16,614,283	6,850,017	728,178
	Creamery butter	Farm butter	Process cheese <sup>2</sup>	Creamery butter	Farm butter	Process cheese <sup>2</sup>
1958	428.60	16.16	22.63	7,306,767	275,582	385,763
1959	406.58	14.13	22.66	7,091,581	246,449	395,168
1960	380.79	12.51	24.40	6,783,403	222,932	434,724
1961	369.11	10.63	24.86	6,731,899	193,846	453,484
	Cheddar cheese	Other cheese <sup>3</sup>	Evaporated milk	Cheddar cheese	Other cheese <sup>3</sup>	Evaporated milk
1958	30.43	13.18	40.77	518,782	224,756	695,088
1959	29.89	14.77	39.67	521,345	257,599	691,957
1960	31.24	14.60	40.64	556,567	260,026	723,891
1961	30.61	16.42	37.92	558,294	299,387	691,684
	Condensed milk	Milk powder	Other products <sup>4</sup>	Condensed milk	Milk powder	Other products <sup>4</sup>
1958	1.96	1.56	1.91	33,493	26,560	32,604
1959	1.90	1.78	1.96	33,205	31,032	34,134
1960	1.84	2.20	2.20	32,782	39,192	39,272
1961	1.86	1.44	2.60	33,884	26,224	47,386

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

<sup>2</sup> Milk equivalent of cheddar and other cheese used for processing.

<sup>3</sup> Data excludes farm-made cheese and represents all varieties of factory cheese made of whole milk or cream, plus creamed cottage cheese.

<sup>4</sup> 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, sterilized cream and multi-milk.

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Months, 1958 to 1961

Month and year	Creamery butter <sup>1</sup>	Cheddar cheese <sup>2</sup>	Whole milk		Skim milk powder		
			Evaporated <sup>3</sup>	Powder <sup>4</sup>	Spray <sup>5</sup>	Roller <sup>6</sup>	Feed <sup>7</sup>
	per lb. ¢	per lb. ¢	per case \$	per lb. ¢	per lb. ¢	per lb. ¢	per lb. ¢
<b>January:</b>							
1958	62½	35½	6.20	41	17¼	14	8¼
1959	64	35	6.22	40	15	12	8½
1960	64	32½	6.40	38½	11½	10¼	9½
1961	64	32½	6.40	38	9¼	8	7
<b>February:</b>							
1958	62½	35¼	6.20	41	17¼	14	8¼
1959	64	35¼	6.25	40	15	12	9
1960	64	32	6.40	38½	11	10½	9
1961	64	32¼	6.40	38	9	7¼	6¼
<b>March:</b>							
1958	62¼	35½	6.20	41	17¼	14	8¼
1959	64	36	6.35	40	15	12	9
1960	64	32	6.40	38½	10	9	8
1961	63½	33¼	6.40	38	8¼	7½	6½
<b>April:</b>							
1958	62¼	34¾	6.20	41	17¼	14	8¼
1959	63¾	35½	6.35	40	15	12	9
1960	63½	32	6.40	38½	9	8	7¼
1961	62¼	32¼	6.40	37½	8½	7	6½
<b>May:</b>							
1958	62¼	34¼	6.20	41	15½	12¼	8
1959	63¼	34	6.35	40	12	9	7½
1960	63	32	6.40	38½	9	8	7¼
1961	62¼	32¼	6.40	37	8	6½	5¼
<b>June:</b>							
1958	62¼	34¼	6.20	41	15½	12¼	7¼
1959	63¼	36	6.15	40	10½	8½	7½
1960	63	33¼	6.40	38½	9	8	7
1961	62¼	32¼	6.40	37	7¼	6	5¼
<b>July:</b>							
1958	63½	35¼	6.20	40	15½	12¼	7¼
1959	63¼	37¼	6.15	40	10½	8½	7½
1960	63	33½	6.40	38	9	8	7
1961	62½	33¼	6.40	37	7¼	5¼	5¼
<b>August:</b>							
1958	63½	35¼	6.20	40	15	12	7¼
1959	63¼	37¼	6.15	40	10½	8½	7½
1960	63	33¼	6.40	38	9	8	7½
1961	62¼	34	6.40	37	7	5¼	4¼
<b>September:</b>							
1958	63½	35¼	6.20	40	15	12	7¼
1959	63¼	37¼	6.15	38	10½	8½	7½
1960	63	34	6.40	38	9	8	7
1961	62½	34¼	6.40	37	7	5¼	4¼
<b>October:</b>							
1958	63½	35¼	6.20	40	15	12	7¼
1959	63¼	38	6.40	38	11	9	8
1960	63¼	33	6.40	38	9¼	8	7
1961	62½	34¼	6.40	37	7	5¼	4¼

See footnotes at end of table.

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Months, 1958 to 1961 - Concluded

Month and year	Creamery butter <sup>1</sup>	Cheddar cheese <sup>2</sup>	Whole milk		Skim milk powder		
			Evaporated <sup>3</sup>	Powder <sup>4</sup>	Spray <sup>5</sup>	Roller <sup>5</sup>	Feed <sup>5</sup>
	per lb. ¢	per lb. ¢	per case \$	per lb. ¢	per lb. ¢	per lb. ¢	per lb. ¢
November:							
1958.....	63½	35¼	6.20	40	15	12	8
1959.....	63¼	38½	6.40	38	11½	10½	9½
1960.....	63¼	32½	6.40	38	9¼	8	7
1961.....	62½	34½	6.40	37	7	5¼	4½
December:							
1958.....	64	35¼	6.20	40	15	12	8
1959.....	64	35	6.40	38½	11½	10¾	10
1960.....	64	32½	6.40	38	9¼	8	7
1961.....	63½	33½	6.40	37	7	5¼	4½
Yearly average:							
1958.....	63¼	35	6.20	40½	15½	12¼	8
1959.....	63¾	36¼	6.28	39¾	12¾	10¼	8¾
1960.....	63½	32¼	6.40	38¼	9½	8½	7½
1961.....	62¾	33¾	6.40	37¼	7¼	6¼	5½

<sup>1</sup> 1st Gr. Solids.<sup>2</sup> Ontario coloured. Prices for 1959 to 1961 at Kingston and Belleville.<sup>3</sup> Cases (48, 12½).<sup>4</sup> Spray 20% (B.M.S.).<sup>5</sup> Pails.

TABLE 18. Production of Butter Oil, Canada, by Months, 1958 to 1961

Note: Product with 95 per cent or more butter-fat and not including oil made by reprocessing butter.

Month	1958	1959	1960	1961
	pounds			
January.....	<sup>1</sup>	124,399	<sup>1</sup>	40,776
February.....	<sup>1</sup>	202,525	100,355	<sup>1</sup>
March.....	14,380	137,798	187,947	63,272
April.....	44,018	107,811	98,916	<sup>1</sup>
May.....	39,272	73,953	53,730	110,083
June.....	79,514	156,797	74,024	75,627
July.....	158,045	294,307	122,061	77,542
August.....	<sup>1</sup>	308,296	111,137	59,242
September.....	170,185	167,700	50,817	50,792
October.....	64,818	182,724	13,766	87,070
November.....	38,261	172,178	<sup>1</sup>	27,607
December.....	173,820	55,247	<sup>1</sup>	<sup>1</sup>
<b>Totals.....</b>	<b>923,004</b>	<b>1,983,735</b>	<b>984,494</b>	<b>652,259</b>

<sup>1</sup> Excluded to avoid disclosing individual company operations but included in totals.

## APPENDIX

## Method of Estimating Milk Production:

Milk production estimates are made monthly for all provinces of Canada except Newfoundland. The annual estimate for Canada consists of the sum of these monthly estimates.

The procedure followed in making monthly estimates of provincial milk production is to estimate separately for five different utilization classifications. They are:

- (1) Milk equivalent of dairy factory products;
- (2) Fluid milk and cream sold to consumers;
- (3) Milk equivalent of farm-made butter;
- (4) Milk used in farm homes (on farms that have milk cows); and
- (5) Whole milk fed to livestock.

The provincial estimate for milk production is taken to be the sum of milk used in these five classifica-

tions. This procedure, rather than an estimate based on total number of milk cows and production per cow, has been followed in Canada because it is possible to achieve virtually full coverage in monthly reports for all dairy factory products and from a preponderant proportion of fluid milk distributing plants. Since factory production utilizes almost 60 per cent of the total milk produced, the proportion of production subject to estimating by sampling procedures is restricted to about 40 per cent. Farm use components, viz., farm butter make, milk used in farm homes and milk fed to livestock are estimated monthly from reports submitted by a corps of some 5,500 farm correspondents. The estimate is made by calculating direction and extent of change in each succeeding month from an established benchmark month. The fluid sales component is estimated similarly from plant reports covering all controlled and numerous other market areas. The benchmarks are derived from census and market data.

## 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) <sup>1</sup> .....	3.0	0.86 " "
Ice cream mix (gallons).....	11.0	34.0 " " <sup>2</sup>
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 " "

<sup>1</sup> Beginning July 1, 1961, converted on the basis of 4.0 per cent butter-fat and 1.14 pounds of milk.

<sup>2</sup> 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	2.60
	pint	1.30
Cream.....	gallon	10.00
	quart	2.50
	pint	1.25

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