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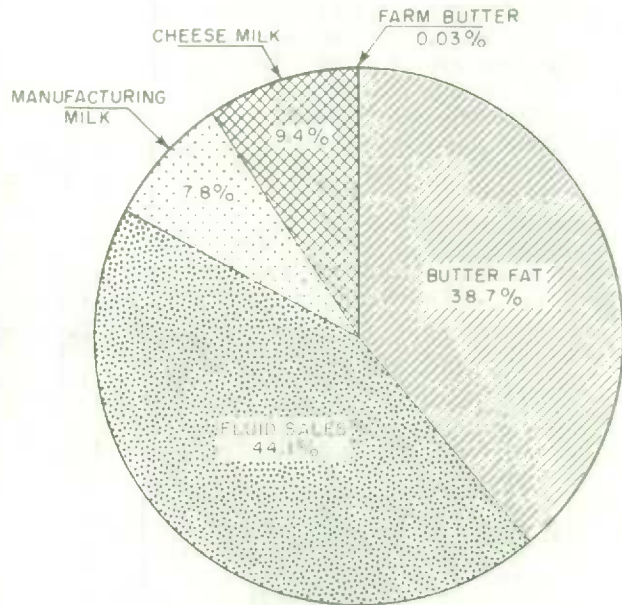
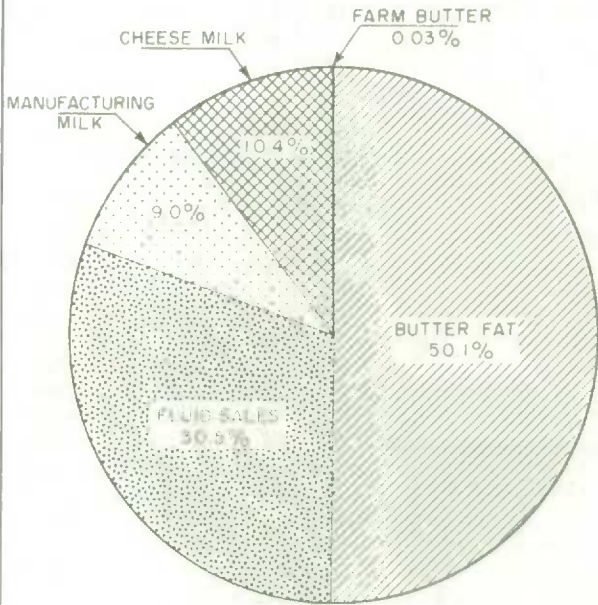
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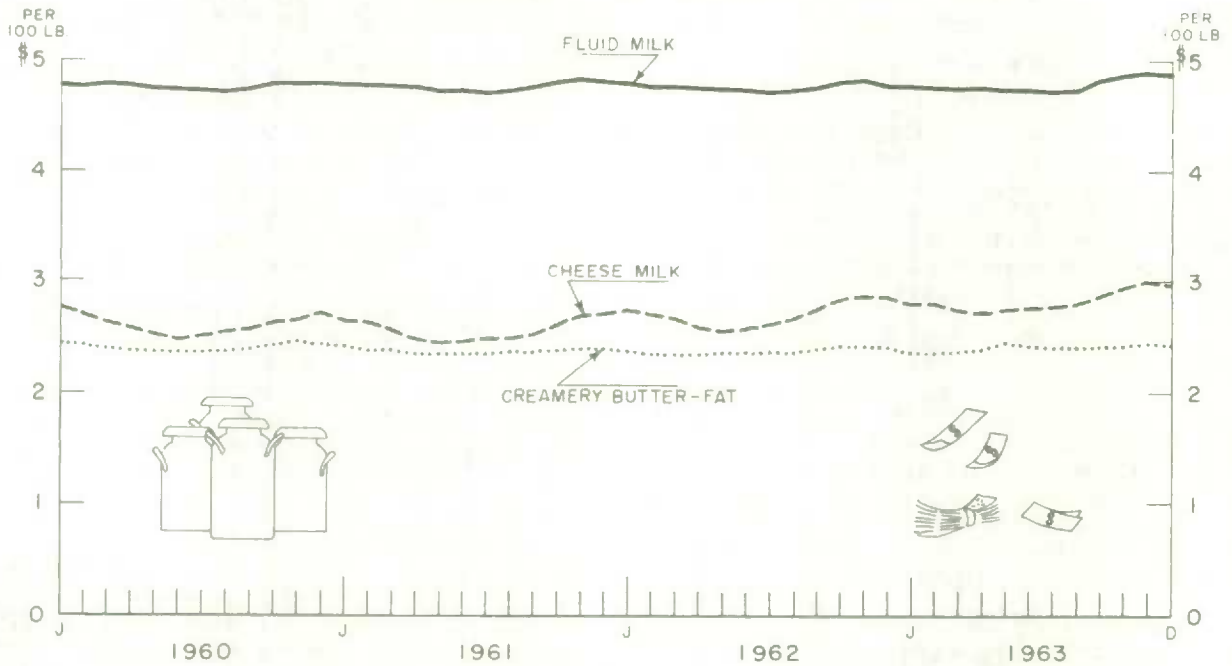
# FARM SALES OF DAIRY PRODUCTS 1963

QUANTITIES  
(MILK)  
16,439,689,000 LB.

INCOME  
\$ 508,549,000



AVERAGE FARM VALUE OF FLUID MILK, CHEESE MILK AND  
CREAMERY BUTTER-FAT EXPRESSED AS MILK  
CANADA 1960 TO 1963



# DAIRY STATISTICS

1962-63

## INTRODUCTION

Publication of an annual report on dairy statistics for 1962 was deferred pending completion of revisions for the period between the 1956 and 1961 Censuses of Agriculture. This volume, for 1962 and 1963, includes revised annual data for the years 1957 to 1961 which supercede data previously published in this series. The data for 1962 and 1963 are also revised from previously published cumulative monthly data for these years to conform with the revised annual series for the intercensal period.

Revisions are based on analyses of milk production and disposition data reported for the month of May, 1961 in the Census of Agriculture and of other Census and monthly survey data to establish benchmarks for the various categories of milk utilization for that month. Variations from month to month as indicated by the regular sample surveys were then taken into consideration to establish revised annual statistics for 1961. Basically similar procedure had been followed previously in respect to the Census year 1956. Estimates for the intercensal years 1957 to 1960 were then revised to conform with revised estimates for the Census years.

The estimates of total milk production, by province, are a summation of use classification, or component, estimates. These are:

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

Factory utilization is derived from monthly Census-type surveys of all registered plants and virtually full coverage is achieved, though partial estimating is necessary for current months due to some delayed reporting. Revisions to this component are of minor significance and result from further checks and confirmation of reports submitted by dairy factories. Approximately 80 per cent of total annual milk production is used for manufactured whole milk products. Estimates for the other components, accounting for about 40 per cent of annual milk production, are based on monthly sample surveys. A farm sample comprising between 1 and 2 per cent of farms with milk cows indicates month-to-month changes in output of farm-made butter, milk used in farm homes and milk fed to livestock and the estimates are chained forward from the benchmark month, the month of May in the Census year. The fluid sales component has been estimated similarly from plant reports covering all known milk pasteurizing plants and some producer-distributors.

Farm-made butter, as reported by the Census, corresponded quite closely with reports of the June livestock survey when both were converted to average production per farm having milk cows. Census data were accepted as benchmarks for all provinces and the

net revision added about 4 per cent to previous estimates of output. The revised estimates are lower than those previously published for the Maritime Provinces and British Columbia but higher for the Prairie Provinces, Ontario and Quebec.

Census data for milk consumed in farm homes were not accepted as benchmarks. Evidence gained from the monthly survey suggested that Census wording of the question, asking the farmer to report milk and the milk equivalent of cream as one figure, led to under-reporting for this component of milk utilization. Until 1960 wording similar to that in the Census was used in the monthly survey and then it was changed to ask for separate reporting of milk and cream. The change in wording resulted in a pronounced increase in reported household consumption. Using the monthly survey data in conjunction with Census data revised averages per farm keeping milk cows were calculated. Benchmarks were then established by multiplying these averages for each province by the number of farms keeping milk cows as reported in the Census. These benchmark data were moderately greater for all provinces than quantities reported in the Census but still resulted in a downward revision of previous estimates which had tended to become too high since the effect of the declining number of farms had not been fully reflected. Reductions from previous estimates were most pronounced in the Maritime Provinces, Quebec and British Columbia where the decline in "Census farms" keeping milk cows was proportionately greater than in other provinces. Estimates for Manitoba and Alberta required upward revision and the net results for Canada as a whole ranged from reductions of 1.5 per cent in 1957 to 7.7 per cent in 1961 from the previously published estimates for milk consumed in farm homes.

Census data on milk fed to livestock were converted to average quantities per milk cow on farms in order to make inter-province comparisons and also to compare with other farm survey data. Quantities reported in the Census were accepted as benchmarks in all provinces except New Brunswick and Alberta where these comparisons indicated that figures reported in the Census were low. The substitution of Census and other benchmarks for the month of May and calculation of estimates for other months according to the seasonal patterns indicated in monthly survey data resulted in an upward revision of about 9 per cent in the estimate of milk fed to livestock in 1961.

Census data on the quantity of milk used for fluid sales of milk and cream for the month of May 1961 can be derived by subtracting the milk equivalent of all factory products from total reported sales. This residual quantity, however, contains any bias that may have been introduced by date of enumeration or other recall errors. It is obvious that total sales reported in the Census were too low in most provinces because in

several this residual quantity is less than is required to account for the fluid sales for that month by firms that report regularly in the monthly sample survey. The new benchmarks for the month of May, 1961 were established largely on the basis of per capita consumption in representative markets and areas from which complete reports on fluid sales are received and for which Census population data and area of milk delivery could be matched with reasonable accuracy. These data were then carefully assessed and slightly modified in consultation with officials closely associated with the dairy industry in each province whose familiarity with local conditions particularly fitted them to provide some judgment as to proportions of total distribution accounted for by reporting firms vs. casual sales by farmers and by producer-distributors in local areas. The revised estimates of milk used for fluid sales are appreciably lower than the previously published estimates, particularly for Saskatchewan and Manitoba. Reductions in the total for Canada range from 5 per cent in 1957 to 14.8 per cent in 1961. Most of this cumulative error resulted from institutional and other changes affecting fluid milk distribution which could not be fully accounted for in estimating procedures.

Without attempting an exhaustive enumeration of developments which had a bearing on changes in milk distribution patterns the following might be mentioned:

1. Increasing and more general insistence on pasteurization and improved technology in milk processing adds to capital investment required for plant facilities. This discourages small operators (including farmers directly) from getting into, or staying in, the business of distributing fluid milk products.
2. The movement of population from farms and the trend to urbanization, very pronounced between the 1951 and 1961 Censuses, increased the proportion of the market covered in the commercial reporting segment of fluid sales at the expense of the 'un-reported' segment as carried forward in estimates from the 1956 benchmarks.

Milk production in Canada during 1963 is now estimated at 18.4 billion pounds, 0.1 per cent higher than the level for 1962. The increase was primarily due to a 2.1 per cent increase over 1962 for milk produced in Ontario although production in Quebec was slightly higher and that for Alberta increased 1.1 per cent. Approximately 7.1 per cent less milk was produced in the Maritime Provinces during 1963, 2.0 per cent less in Manitoba and Saskatchewan and 3.6 per cent less in British Columbia than in 1962. Quebec and Ontario accounted for 6.2 and 6.5 billion pounds, respectively, the four western provinces 4.7 billion pounds and slightly under one billion pounds of milk was produced in the three Maritime Provinces. Estimates of milk production in Newfoundland are not available.

Slightly more than 62 per cent of the milk produced was utilized for the manufacture of dairy factory products, 27 per cent was used for sales of milk and cream

3. The rapid expansion of chain store and supermarket type of retail outlets, usually supplied from a central source, also tended to displace supply by local vendors and processors.
4. Closely associated with the above were factors such as improved roads, handling and transportation facilities making it possible for rural population to shop supermarkets and chain stores more regularly and also favouring the development of bulk haulage and more centralized processing.

The statistics reported by and for specific fluid milk markets remain basically as previously published. It is the provincial "blow-up" of these data that required revision because the full influence of factors such as those enumerated above was not reflected in the estimates chained from month to month from a fixed benchmark for May, 1956.

The revised estimates of milk used for fluid sales together with those of milk used in farm homes reflect a more significant reduction in per capita consumption than did the original series. In terms of pints per day per person consumption declined from .81 in 1957 to .69 in 1963. Low-fat or fat-free dairy products have been substituted for whole milk products to a considerable extent. For example, packaging of instant skim milk powder rose from 10.7 million pounds in 1956 to 42 million in 1961. Significant increases have also occurred in sales of fluid skim milk. Consequently the decrease in consumption of fluid products, in terms of non-fat milk solids, has been less than indicated by data expressed in terms of whole milk.

The revised estimates of total milk production, *i.e.* the sum of the revised component estimates, are moderately lower than shown in the series before revision. Reductions range from 1.6 per cent in 1957 to 5.2 per cent in 1963. Because milk used for fluid sales commands a higher unit value than milk for other uses and because this component had greatest weight in revisions, the corresponding revisions to the series on cash farm income from dairying are somewhat greater in magnitude than to the series on total milk production. Reductions in cash income estimates range from 2.4 per cent in 1957 to 8.3 per cent in 1963.

for consumption and 11 per cent was used on farms. This is the same general pattern that has prevailed over the past few years. Factory utilization, by products, was as follows: 45 per cent of total milk production for creamery butter, 9 per cent for cheese, 5 per cent for concentrated whole milk products and 3 per cent for ice cream mix. The 11 per cent used on farms breaks down as follows: 5 per cent consumed in farm homes in the form of milk and cream, 5 per cent pail fed to livestock and 1 per cent used in the manufacture of farm butter.

Milk cow numbers at June 1, 1963, were 1.4 per cent lower than at the same date a year earlier. With the exception of a 1.6 per cent increase in the province of Quebec, cow numbers were down in all provinces. Mainly due to a 2.1 per cent decline in Ontario, there were 0.6 per cent fewer milk cows on farms in Eastern Canada than at the same date last year.

Changes were more pronounced in the West where milk cow numbers decreased 3.5 per cent. Cow numbers at December 1 indicated practically the same picture as at June 1. Following successive increases each year since 1948, the number of heifers retained for milk purposes has declined both at June 1 and December 1 during the past two years.

Pasture conditions in the spring of 1963 were generally good and remained favourable to dairying throughout the year. Cool weather prevailed during April and the first half of May, and precipitation was generally above normal in most regions of Canada except in parts of the Maritime Provinces, southern Alberta and the Peace River district. By July, conditions in these drought areas had improved greatly, but had deteriorated temporarily throughout most of Ontario from lack of rainfall. Pastures were somewhat better than those a year ago throughout the autumn.

The total farm value of all milk produced in 1963 amounted to \$587 million. This was made up of farm cash income from the sale of milk, cream and farm butter (\$509 million); the value of milk, cream and farm butter consumed on the farm (\$30 million); and the value of milk, skim milk and buttermilk fed to farm animals (\$48 million). Farm cash income from dairying was 1.8 per cent higher than in 1962. The sale of milk for fluid purposes amounted to \$224 million, 1.3 per cent higher than in the previous year. Farm cash income from milk and cream sold for creamery butter manufacture was \$197 million, 1.2 per cent less than the corresponding value for 1962, while milk for other factory products brought \$87 million in cash income to farmers, 10.9 per cent more than in 1962.

The average value of all milk and milk equivalent of cream sold by farmers, rose 4 cents per cwt. to \$3.09 in 1963. This is the second year in succession that the average has been higher than that of the preceding year. Milk purchased by fluid milk distributors for sale as fluid milk, averaged 1 cent per cwt. higher in 1963, but milk utilized for the manufacture of concentrated whole milk products and ice cream mix brought 3 cents more per cwt. to farmers than in 1962. Milk and cream for the manufacture of creamery butter rose slightly over 1 cent per pound butter-fat, and milk used for cheese-making was 11 cents per cwt. higher.

The new dairy support policy for the year 1963-64 incorporated three major changes from the previous year's program. In effect, these changes were: a change in the method of payment of the butter support from butter to a butter-fat basis; an incentive to producers of milk for cheddar cheese; and the reduction of effective support on milk for manufacturing. On April 29, 1963, it was announced that the Agricultural Stabilization Board would purchase and sell butter at 52 cents per pound for butter scoring 40-93 or higher and 51 cents per pound for qualities scoring 39-92, basis Montreal and Toronto, and make a stabilization payment of 14.5 cents per pound butter-fat to producers who ship milk or cream for the manufacture of creamery butter and who do not supply any milk to the fluid market. Previously, the Board purchased butter at 64 cents and sold it back to the manufacturers at 52 cents per pound. The payment of 14.5 cents per pound butter-

fat was approximately the equivalent of 12 cents per pound butter. The flat rate of 25 cents per hundredweight paid on milk for manufacturing purposes was discontinued after having been in effect since 1959. The only exception was milk used for cheddar cheese manufacture. As an incentive to the cheddar cheese production the Government continued the former support level of 32½ cents per pound cheese and increased from 25 cents to 30 cents per hundredweight, the special payment on milk for cheddar cheese.

To partially compensate for the loss of the 25 cents per hundredweight of milk, the Agricultural Stabilization Board was authorized to purchase certain quantities of skim milk powder at prices up to 11 cents per pound, f.o.b. Montreal and Toronto. Also, in order to maintain the relationship between skim milk powder and casein as it prevailed in 1962, an authorized payment of 10 cents was made on each pound of dried casein manufactured after May 1, 1963.

The production of creamery butter during 1963 amounted to 352 million pounds, 10.0 million pounds or 3 per cent below the record output in 1962. Except for Ontario, all provinces contributed to the decline in creamery butter production. Quebec, the largest butter manufacturing province, produced 138 million pounds of creamery butter during the year, 4 per cent less than in 1962, while Ontario production rose 2 per cent to 103 million pounds. Percentagewise, the largest declines were recorded in Nova Scotia and British Columbia where production declined 18 and 30 per cent, respectively. Combined with whey butter and butter made on farms, total butter production amounted to 362 million pounds in 1963. Cheddar cheese production, at 137 million pounds, was 17 per cent above production in 1962. All provinces participated in the increase. Ontario, the largest producer of cheddar cheese, manufactured 74 million pounds in 1963, almost 10 per cent more than last year. Production in Quebec, however, advanced almost 13 million pounds to 58 million pounds in 1963, 29 per cent higher than in 1962. Ice cream mix production at 23 million gallons was 6 per cent above the previous high level established in 1962. In ice cream equivalent this amounted to almost 47 million gallons. Output of evaporated milk, the most important of the concentrated whole milk products, advanced 5 per cent to 303 million pounds in 1963, while milk powder declined 6 per cent to 22 million pounds, while the leading by-product, skim milk powder, dropped 8 per cent to 176 million pounds.

The domestic disappearance of creamery butter increased for the second year in succession to a record 351 million pounds in 1963. The 18.6 pounds per capita was within one-half pound of the ten-year average of the fifties, but 8 pounds below the record per capita disappearance in 1942. Calculations for 1960 to 1963 include the butter equivalent of butter oil. Cheddar cheese consumed as such, at 59 million pounds or 3.1 pounds per capita, decreased both in total and in per capita from a year ago. Process cheese, which is for the most part cheddar in content, increased in consumption, both in per capita (3 per cent to 3.4 pounds) and in total (5 per cent to 64 million pounds). The Canadian market for fancy and imported cheeses continued to grow. In the past ten years, consumption of these types of cheeses has almost tripled. Total disappearance moved from 11 million pounds in 1953 to

31 million pounds in 1963, or from 0.8 to 1.6 pounds per capita. Total domestic disappearance of evaporated milk declined 2 per cent to 296 million pounds and per capita 4 per cent to 15.7 pounds. Skim milk powder, on the other hand, advanced 15 per cent to 153 million pounds. Since large quantities of this product are used for livestock feed these data do not indicate the exact amount used for human consumption.

The simple average of wholesale butter price quotations at Montreal declined  $4\frac{1}{8}$  cents to  $50\frac{3}{4}$  cents per pound in 1963, while average wholesale Ontario cheddar cheese prices at Belleville advanced  $1\frac{7}{8}$  cents to  $36\frac{5}{8}$  cents per pound. The Montreal wholesale price for evaporated milk moved from \$6.40 to \$6.70 per case in June 1963 and averaged \$6.58 per case for the year. Skim milk powder prices increased during the year, spray process moved up  $2\frac{7}{8}$  cents to  $10\frac{7}{8}$  cents per pound in 1963, and roller process  $3\frac{1}{4}$  cents to  $9\frac{7}{8}$  cents per pound.

The production of butter oil testing over 95 per cent fat and made from fresh cream, amounted to 61 thousand pounds in 1962 and was practically nonexistent in 1963. The rapid decline of primary butter oil production from 2 million pounds in 1959 to almost "nil" in 1963, may be a result of the government's program of converting surplus creamery butter stocks to butter oil and the availability of this product at favourable prices.

Margarine production at 172 million pounds was 8 per cent below the total for 1962, and total domestic disappearance declined for the second time since the production and sale of margarine was legalized in Canada in 1949. In total, disappearance declined 5 per cent to 175 million pounds in 1963 and per capita, 6 per cent to 9.3 pounds. In comparison, total creamery butter disappearance advanced 9 per cent and per capita 7 per cent.



TABLE 1. Milk Production and Utilization, Canada, by Province, 1957 to 1963

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>						
1957	4,493	157,385	24,237	23,128	16,662	225,905
1958	3,604	167,712	23,954	22,552	12,482	230,304
1959	2,504	174,120	23,584	20,640	12,702	233,550
1960	1,989	160,213	23,228	20,114	12,244	217,788
1961	1,872	169,956	22,561	20,577	12,747	227,713
1962	1,451	173,145	22,448	19,340	13,792	230,176
1963	1,381	162,538	22,245	19,620	10,661	216,443
<b>Nova Scotia:</b>						
1957	14,976	154,569	206,614	43,327	14,542	434,028
1958	13,198	147,779	200,214	41,060	16,680	418,931
1959	11,911	144,447	200,244	37,947	18,900	413,449
1960	9,407	124,179	202,426	34,681	19,290	389,983
1961	7,979	130,279	200,528	28,297	17,512	384,595
1962	7,535	122,808	197,933	27,880	22,130	378,286
1963	6,037	100,566	196,933	25,700	16,334	345,570
<b>New Brunswick:</b>						
1957	26,021	213,837	151,395	38,904	18,101	448,258
1958	21,130	218,607	150,046	36,183	17,725	443,691
1959	13,970	208,783	152,595	33,620	18,105	427,073
1960	12,613	195,549	152,588	30,088	19,517	410,355
1961	11,372	201,618	152,892	26,541	16,017	408,440
1962	9,454	186,583	153,980	26,620	14,765	391,402
1963	6,856	170,390	152,747	26,030	10,935	366,958
<b>Quebec:</b>						
1957	38,574	3,703,483	1,557,677	271,438	197,732	5,786,904
1958	30,069	3,892,023	1,551,731	266,145	200,956	5,940,924
1959	27,729	3,824,899	1,479,006	245,668	214,807	5,792,109
1960	23,727	3,926,354	1,455,109	251,190	223,951	5,880,331
1961	20,007	4,259,834	1,431,591	237,407	239,942	6,188,781
1962	15,467	4,298,257	1,415,814	233,800	261,970	6,225,308
1963	13,361	4,292,424	1,425,466	238,000	256,380	6,225,631
<b>Ontario:</b>						
1957	19,936	3,275,351	1,941,573	221,918	217,780	5,676,558
1958	21,856	3,512,703	1,942,173	218,391	221,564	5,916,687
1959	23,657	3,614,801	1,963,354	216,323	246,909	6,065,044
1960	21,785	3,652,198	1,952,060	204,771	241,433	6,072,245
1961	15,701	3,863,284	1,927,132	194,064	271,166	6,271,347
1962	16,169	3,946,007	1,962,985	191,200	289,300	6,405,661
1963	12,261	4,050,229	1,986,041	197,500	295,400	6,541,431
<b>Manitoba:</b>						
1957	38,423	596,674	279,825	101,460	49,601	1,066,183
1958	36,410	664,855	267,075	105,212	53,631	1,127,183
1959	34,094	639,908	256,465	109,088	53,806	1,093,361
1960	29,718	625,046	253,487	105,403	56,506	1,070,160
1961	26,817	635,324	244,703	96,822	58,816	1,082,482
1962	21,341	639,392	243,457	95,630	66,440	1,066,260
1963	16,146	622,348	246,042	96,610	68,190	1,049,336
<b>Saskatchewan:</b>						
1957	82,181	654,908	194,009	178,714	55,462	1,165,274
1958	84,123	727,523	197,487	178,627	63,117	1,250,877
1959	72,657	710,899	193,139	175,255	70,014	1,221,964
1960	88,796	698,002	191,870	176,165	74,085	1,208,918
1961	64,748	691,477	185,798	169,035	84,357	1,195,415
1962	53,188	650,715	182,372	164,000	84,540	1,134,815
1963	41,395	639,154	187,928	161,200	82,160	1,111,817
<b>Alberta:</b>						
1957	63,859	869,232	333,241	155,440	64,759	1,486,531
1958	65,052	924,417	335,776	157,035	72,635	1,554,915
1959	61,752	925,322	339,489	149,611	75,537	1,551,711
1960	58,102	1,014,576	337,095	157,298	83,292	1,650,363
1961	49,327	1,074,583	337,502	158,493	102,643	1,722,548
1962	43,805	1,037,022	342,180	152,200	96,410	1,671,617
1963	40,718	1,053,775	347,229	154,400	93,560	1,689,680
<b>British Columbia:</b>						
1957	9,875	271,377	428,098	31,042	25,171	765,563
1958	7,207	283,015	442,941	29,820	26,487	789,470
1959	8,167	308,630	442,932	28,074	28,442	816,445
1960	7,769	329,692	450,528	27,424	30,919	848,332
1961	6,295	359,930	449,647	25,489	34,133	875,494
1962	5,218	356,295	451,112	25,390	34,430	872,445
1963	4,493	320,702	457,244	24,780	33,950	841,169
<b>Canada:</b>						
1957	296,338	9,897,016	5,116,669	1,065,371	659,810	17,035,204
1958	282,649	10,538,634	5,111,397	1,055,025	685,277	17,672,982
1959	256,441	10,552,009	5,050,808	1,016,226	739,222	17,614,706
1960	233,906	10,725,807	5,018,391	1,007,134	761,237	17,746,475
1961	204,118	11,386,285	4,952,354	956,725	837,333	18,336,815
1962	173,628	11,410,224	4,972,261	936,060	883,777	18,375,970
1963	142,646	11,412,104	5,021,875	943,840	867,570	18,388,035

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

TABLE 2. Milk Equivalents of Dairy Factory Products, Canada, by Province, 1957 to 1963

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.					
<b>Prince Edward Island:</b>						
1957	132,491	9,229	—	4	3,043	157,385
1958	141,640	8,932	—	4	3,315	167,712
1959	137,101	13,090	—	4	3,927	174,120
1960	122,546	11,308	—	4	4,284	160,213
1961	135,907	9,636	—	4	4,215	169,956
1962	138,692	9,801	—	4	2,239	173,145
1963	126,032	12,012	—	4	1,103	162,536
<b>Nova Scotia:</b>						
1957	117,608	—	—	11,831	24,718	154,569
1958	113,630	—	—	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	26,785	130,279
1962	88,452	—	—	9,878	23,849	122,808
1963	72,353	—	—	5,888	21,654	100,566
<b>New Brunswick:</b>						
1957	188,323	10,560	—	—	14,926	213,837
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	6,182	—	—	18,199	201,618
1962	164,689	5,720	—	—	16,076	186,583
1963	150,953	5,907	—	—	13,437	170,390
<b>Quebec:</b>						
1957	2,857,982	309,540	31,654	355,009	147,985	3,703,483
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	3,260,322	505,175	46,176	273,459	173,172	4,259,834
1962	3,381,932	497,090	52,673	201,056	163,837	4,298,257
1963	3,239,028	639,034	66,276	196,946	149,555	4,292,424
<b>Ontario:</b>						
1957	1,811,675	717,959	74,251	439,757	225,913	3,275,351
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	748,220	85,199	550,882	246,750	3,863,284
1962	2,373,649	741,136	92,096	513,255	215,685	3,946,007
1963	2,412,259	811,283	97,581	511,579	205,876	4,050,229
<b>Manitoba:</b>						
1957	551,117	13,893	2,173	—	28,730	596,874
1958	623,774	7,623	2,585	4	29,784	664,855
1959	599,742	4,235	2,461	4	32,113	639,908
1960	579,805	5,357	2,431	4	36,142	625,046
1961	591,505	6,061	2,142	4	33,756	635,324
1962	599,157	6,941	2,204	4	29,622	639,392
1963	582,777	8,987	2,142	—	27,042	622,348
<b>Saskatchewan:</b>						
1957	619,679	572	11	—	34,204	654,908
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	664,256	330	—	—	25,980	691,477
1962	637,790	—	—	—	11,936	650,715
1963	628,805	—	—	—	9,370	639,134
<b>Alberta:</b>						
1957	752,567	20,042	143	4	51,561	869,232
1958	803,252	17,985	154	4	55,675	924,417
1959	803,135	17,347	176	4	56,729	925,322
1960	673,709	19,360	528	4	63,308	1,014,576
1961	957,458	19,580	561	4	45,783	1,074,583
1962	911,056	18,623	715	4	20,700	1,037,022
1963	900,128	19,459	1,485	4	20,098	1,053,775
<b>British Columbia:</b>						
1957	67,439	7,601	242	126,384	65,909	271,377
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	75,377	359,930
1962	168,831	10,769	264	117,097	52,103	356,295
1963	117,913	10,879	374	132,922	51,161	320,702
<b>Canada:</b>						
1957	7,098,881	1,089,396	108,474	989,288	596,989	9,897,016
1958	7,862,166	1,004,531	111,792	924,432	621,622	10,538,634
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	8,239,912	1,308,032	134,628	1,031,048	650,017	11,386,285
1962	8,464,246	1,290,080	147,952	946,903	536,047	11,410,224
1963	8,230,248	1,507,561	167,858	980,360	499,296	11,412,104

<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 concentrated liquid 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, 1957 to 1963

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.							
<b>Prince Edward Island:</b>								
1957	188	23,128	4,643	9,242	15,652	24,237	4	181,716
1958	147	22,552	4,963	8,945	17,127	23,954	7	191,830
1959	104	20,640	4,804	13,099	23,920	23,584	3	197,774
1960	82	20,114	4,242	11,317	26,350	23,228	3	183,511
1961	78	20,577	4,704	9,650	24,399	22,561	2	192,564
1962	57	19,340	4,801	9,815	24,638	22,448	5	195,710
1963	59	19,620	4,363	12,028	24,476	22,245	1	184,781
<b>Nova Scotia:</b>								
1957	503	43,327	4,121	412	36,549	206,814	137	364,389
1958	455	41,060	3,982	412	33,737	200,214	109	350,544
1959	413	37,947	3,682	757	38,624	200,244	96	346,937
1960	324	34,681	2,927	451	39,184	202,426	78	328,430
1961	269	28,297	3,180	602	37,809	200,528	72	332,492
1962	263	27,880	3,082	629	33,727	197,933	59	322,122
1963	223	25,700	2,505	671	27,542	196,933	35	298,318
<b>New Brunswick:</b>								
1957	799	38,904	6,599	10,588	14,926	151,395	313	372,556
1958	660	36,183	6,817	9,201	14,858	150,046	243	374,339
1959	435	33,620	6,422	8,504	17,034	152,595	162	365,169
1960	395	30,088	5,863	7,820	18,360	152,588	144	351,507
1961	376	26,541	6,133	6,258	18,199	152,892	110	357,084
1962	309	26,620	5,701	5,818	16,076	153,980	95	342,786
1963	224	26,030	5,225	6,000	13,437	152,747	69	324,752
<b>Quebec:</b>								
1957	1,416	271,438	100,152	342,507	502,994	1,557,677	147	5,264,600
1958	1,193	266,145	109,504	299,882	467,258	1,551,731	92	5,445,907
1959	1,102	245,668	104,244	412,204	437,923	1,479,006	63	5,305,847
1960	961	251,190	100,222	462,391	568,657	1,455,109	53	5,382,703
1961	804	237,407	112,857	552,881	446,631	1,431,591	51	5,692,618
1962	619	233,800	117,067	551,432	364,893	1,415,814	42	5,715,054
1963	537	238,000	112,120	706,895	346,501	1,425,466	34	5,718,686
<b>Ontario:</b>								
1957	771	221,918	63,486	798,006	665,670	1,941,573	81	5,218,819
1958	839	218,391	73,351	767,343	652,183	1,942,173	95	5,457,099
1959	916	216,323	71,652	845,185	724,901	1,963,354	95	5,580,378
1960	849	204,771	69,171	830,158	823,772	1,952,060	82	5,606,175
1961	619	194,064	76,979	841,809	797,632	1,927,132	52	5,791,633
1962	635	191,200	82,165	843,418	728,940	1,962,985	56	5,910,302
1963	496	197,500	83,501	920,515	717,455	1,986,041	28	6,036,825
<b>Manitoba:</b>								
1957	1,591	101,460	19,313	17,027	28,730	279,825	51	877,892
1958	1,505	105,212	21,859	11,194	29,887	267,075	51	933,123
1959	1,419	109,088	21,017	7,687	32,479	256,465	38	897,262
1960	1,257	105,403	20,070	8,786	36,455	253,487	13	878,837
1961	1,133	96,822	20,475	9,555	34,264	244,703	13	880,331
1962	896	95,630	20,740	10,519	29,716	243,457	16	883,223
1963	678	96,610	20,173	12,529	27,042	246,042	12	868,671
<b>Saskatchewan:</b>								
1957	3,445	178,714	21,715	1,025	34,204	194,009	67	850,485
1958	3,516	178,627	24,197	973	36,040	197,487	79	926,859
1959	3,071	175,255	23,510	2,479	37,519	193,139	34	904,834
1960	2,907	176,165	22,690	3,795	38,726	191,870	33	890,644
1961	2,742	169,035	22,994	1,241	25,980	185,798	25	877,860
1962	2,250	164,000	22,077	989	11,936	182,372	23	833,625
1963	1,751	161,200	21,766	959	9,370	187,928	18	827,483
<b>Alberta:</b>								
1957	2,672	155,440	26,372	21,406	95,259	333,241	57	1,203,807
1958	2,725	157,035	28,148	19,467	101,698	335,776	55	1,261,480
1959	2,585	149,611	28,144	19,000	103,187	339,489	54	1,266,075
1960	2,435	157,298	30,244	21,596	119,271	337,095	48	1,352,794
1961	2,065	158,493	33,143	22,715	94,410	337,502	43	1,413,091
1962	1,836	152,200	31,537	22,142	103,824	342,180	36	1,380,044
1963	1,714	154,400	31,158	23,897	129,750	347,229	26	1,401,612
<b>British Columbia:</b>								
1957	352	31,042	2,363	11,645	192,293	428,098	70	701,113
1958	274	29,820	2,690	12,997	193,266	442,941	34	726,752
1959	318	28,074	3,499	13,117	195,865	442,932	31	752,487
1960	293	27,424	4,099	16,018	195,270	450,528	39	781,133
1961	237	25,489	4,763	20,597	201,741	449,647	32	810,326
1962	195	25,390	5,844	18,264	169,200	451,112	28	808,062
1963	170	24,780	4,082	18,706	184,083	457,244	22	778,461
<b>Canada:</b>								
1957	11,737	1,065,371	248,764	1,211,858	1,586,277	5,116,665	927	15,035,377
1958	11,314	1,055,025	275,511	1,130,414	1,546,054	5,111,397	765	15,667,933
1959	10,363	1,016,226	266,974	1,322,032	1,611,452	5,050,808	596	15,616,763
1960	9,503	1,007,134	259,528	1,362,332	1,866,045	5,018,391	493	15,755,734
1961	8,323	956,725	285,228	1,465,308	1,681,065	4,952,354	400	16,347,999
1962	7,060	936,060	292,994	1,463,026	1,482,950	4,972,281	360	16,390,928
1963	5,852	943,840	284,893	1,702,200	1,479,656	5,021,875	244	16,439,689

<sup>1</sup> Farm butter sales, calculated monthly, amounted to less than 500 pounds during each month of 1963.

TABLE 4. Utilization of Milk in Percentages of Total Milk Production, Canada, by Province, 1957 to 1963

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						
<b>Prince Edward Island:</b>							
1957	58.6	4.1	7.0	69.7	10.7	2.0	17.6
1958	61.5	3.9	7.4	72.8	10.4	1.6	15.2
1959	58.7	5.6	10.3	74.6	10.1	1.1	14.2
1960	56.3	5.2	12.1	73.6	10.7	0.9	14.8
1961	59.7	4.2	10.7	74.6	9.9	0.9	14.6
1962	60.2	4.3	10.7	75.2	9.8	0.6	14.4
1963	58.2	5.6	11.3	75.1	10.3	0.6	14.0
<b>Nova Scotia:</b>							
1957	27.1	0.1	8.4	35.6	47.6	3.5	13.3
1958	27.1	0.1	8.0	35.2	47.8	3.2	13.8
1959	25.4	0.2	9.3	34.9	48.4	2.9	13.8
1960	21.7	0.1	10.0	31.8	51.9	2.4	13.9
1961	23.9	0.1	9.9	33.9	52.1	2.1	11.9
1962	23.4	0.2	8.9	32.5	52.3	2.0	13.2
1963	20.9	0.2	8.0	29.1	57.0	1.8	12.1
<b>New Brunswick:</b>							
1957	42.0	2.4	3.3	47.7	33.8	5.8	12.7
1958	43.8	2.1	3.3	49.2	33.8	4.8	12.2
1959	42.9	2.0	4.0	48.9	35.7	3.3	12.1
1960	41.3	1.9	4.5	47.7	37.2	3.1	12.0
1961	43.4	1.5	4.5	49.4	37.4	2.8	10.4
1962	42.1	1.5	4.1	47.7	39.3	2.4	10.6
1963	41.1	1.6	3.7	46.4	41.6	1.9	10.1
<b>Quebec:</b>							
1957	49.6	5.9	8.8	64.3	27.0	0.6	8.1
1958	52.6	5.0	7.9	65.5	26.1	0.5	7.9
1959	51.4	7.1	7.6	66.1	25.5	0.5	7.9
1960	49.2	7.9	9.7	66.8	24.7	0.4	8.1
1961	52.7	9.0	7.2	68.9	23.1	0.3	7.7
1962	54.3	8.9	5.8	69.0	22.7	0.3	8.0
1963	52.0	11.4	5.6	69.0	22.9	0.2	7.9
<b>Ontario:</b>							
1957	31.9	14.1	11.7	57.7	34.2	0.4	7.7
1958	35.4	13.0	11.0	59.4	32.8	0.4	7.4
1959	33.7	13.9	11.9	59.5	32.4	0.4	7.7
1960	32.9	13.7	13.6	60.2	32.1	0.4	7.8
1961	35.5	13.4	12.7	61.6	30.7	0.3	7.4
1962	37.0	13.2	11.4	61.6	30.6	0.3	7.8
1963	36.9	14.1	10.9	61.9	30.4	0.2	7.3
<b>Manitoba:</b>							
1957	51.7	1.6	2.7	56.0	26.2	3.6	14.2
1958	55.3	1.0	2.7	59.0	23.7	3.2	14.1
1959	54.9	0.7	2.9	58.5	23.5	3.1	14.9
1960	54.2	0.8	3.4	58.4	23.7	2.8	15.1
1961	55.7	0.9	3.2	59.8	23.1	2.5	14.6
1962	56.2	1.0	2.8	60.0	22.8	2.0	15.2
1963	55.5	1.2	2.6	59.3	23.5	1.5	15.7
<b>Saskatchewan:</b>							
1957	53.2	0.1	2.9	56.2	16.6	7.1	20.1
1958	55.2	0.1	2.9	58.2	15.8	6.7	19.3
1959	54.9	0.2	3.1	58.2	15.8	5.9	20.1
1960	54.2	0.3	3.2	57.7	15.8	5.7	20.8
1961	55.6	0.1	2.2	57.9	15.5	5.4	21.2
1962	56.2	0.1	1.0	57.3	16.1	4.7	21.8
1963	56.6	0.1	0.8	57.5	16.9	3.7	21.9
<b>Alberta:</b>							
1957	50.6	1.4	6.4	58.4	22.4	4.3	14.9
1958	51.6	1.2	8.6	59.4	21.6	4.2	14.8
1959	51.8	1.2	6.7	59.7	21.8	4.0	14.5
1960	53.0	1.3	7.2	61.5	20.4	3.5	14.6
1961	55.6	1.3	5.5	62.4	19.6	2.9	15.1
1962	54.5	1.3	6.2	62.0	20.5	2.6	14.9
1963	53.3	1.4	7.7	62.4	20.5	2.4	14.7
<b>British Columbia:</b>							
1957	8.8	1.5	25.1	35.4	55.9	1.3	7.4
1958	9.7	1.6	24.5	35.8	56.1	0.9	7.2
1959	12.2	1.6	24.0	37.8	54.3	1.0	6.9
1960	14.0	1.9	23.0	38.9	53.3	0.9	6.9
1961	15.7	2.4	23.0	41.1	51.4	0.7	6.8
1962	19.3	2.1	19.4	40.8	51.7	0.6	6.9
1963	14.0	2.2	21.9	38.1	54.4	0.5	7.0
<b>Canada:</b>							
1957	41.7	7.1	9.3	58.1	30.0	1.7	10.2
1958	44.5	6.4	8.7	59.6	28.9	1.6	9.9
1959	43.2	7.5	9.2	59.9	28.6	1.5	10.0
1960	42.2	7.7	10.5	60.4	28.3	1.3	10.0
1961	44.9	8.0	9.2	62.1	27.0	1.1	9.8
1962	46.1	8.0	8.0	62.1	27.0	1.0	9.9
1963	44.8	9.3	8.0	62.1	27.3	0.8	9.8

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

TABLE 5. Cows and Yearling Heifers Kept for Milking, by Province, 1957 to 1963

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>						
1957	43	76.3	10	42	76.8	8
1958	42	80.1	9	40	75.0	7
1959	41	79.2	8	39	73.6	8
1960	40	79.0	9	39	74.8	8
1961	40	78.4	9	38	75.6	7
1962	39	80.7	9	36	73.8	8
1963	37	82.0	9	36	75.9	8
<b>Nova Scotia:</b>						
1957	78	75.0	19	75	70.6	16
1958	70	75.4	16	69	72.3	14
1959	67	74.5	15	66	68.1	15
1960	66	74.5	15	65	72.1	15
1961	64	72.1	16	62	68.4	15
1962	62	71.8	15	60	68.7	13
1963	59	72.3	14	59	70.6	13
<b>New Brunswick:</b>						
1957	82	76.6	18	79	67.7	16
1958	79	79.6	17	74	68.2	15
1959	73	80.8	17	70	67.1	14
1960	70	80.9	16	67	68.0	14
1961	67	81.5	16	64	68.4	14
1962	64	78.5	15	60	64.5	13
1963	59	77.7	14	57	66.8	13
<b>Quebec:</b>						
1957	1,054	82.8	219	1,019	63.3	196
1958	1,033	82.9	213	988	61.1	187
1959	1,007	82.6	220	977	62.6	192
1960	1,009	82.1	224	977	61.5	194
1961	1,007	82.0	223	996	61.7	196
1962	1,032	80.0	213	1,009	61.8	186
1963	1,048	80.8	212	1,019	59.5	184
<b>Ontario:</b>						
1957	996	76.8	254	987	64.3	240
1958	982	76.3	270	978	65.2	249
1959	967	78.3	265	961	66.2	263
1960	975	76.9	276	974	64.3	269
1961	992	75.9	287	985	65.5	279
1962	970	75.2	286	958	65.8	269
1963	950	74.9	290	930	65.0	267
<b>Manitoba:</b>						
1957	216	73.3	54	209	55.4	49
1958	209	72.3	52	202	59.1	46
1959	202	73.6	50	198	56.8	45
1960	198	73.4	49	194	53.2	45
1961	196	73.9	50	191	55.0	43
1962	188	73.8	46	162	52.6	44
1963	182	71.3	46	180	53.7	41
<b>Saskatchewan:</b>						
1957	261	73.5	57	254	57.1	51
1958	254	75.2	54	244	56.9	51
1959	240	74.9	52	238	55.1	47
1960	237	75.6	53	235	54.5	47
1961	241	74.7	53	236	54.4	44
1962	229	74.2	48	212	55.4	41
1963	211	74.8	42	200	55.2	37
<b>Alberta:</b>						
1957	282	75.0	63	270	60.2	56
1958	270	75.1	65	270	60.3	58
1959	270	75.4	64	269	60.5	59
1960	279	77.3	67	278	58.3	61
1961	288	77.0	69	281	59.3	61
1962	280	77.4	67	273	56.7	60
1963	277	77.1	67	272	61.3	58
<b>British Columbia:</b>						
1957	86	75.3	20	89	75.2	20
1958	89	75.5	20	88	73.3	21
1959	88	78.8	24	90	70.5	25
1960	91	76.1	27	92	73.1	27
1961	92	77.0	27	94	72.9	26
1962	92	76.8	26	91	71.8	25
1963	91	75.9	24	90	71.0	23
<b>Canada:</b>						
1957	3,098	77.6	714	3,024	64.0	654
1958	3,028	77.8	716	2,953	63.9	648
1959	2,955	78.5	715	2,908	63.9	668
1960	2,965	78.0	736	2,921	62.8	680
1961	2,987	77.8	750	2,947	63.3	685
1962	2,956	77.0	725	2,881	62.5	659
1963	2,914	76.9	718	2,843	62.7	644

<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, 1957 to 1963

Province and year	Farm cash income					Total	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			
	thousands of dollars							
<b>Prince Edward Island:</b>								
1957	2,951	215	436	921	4	4,527	726	5,253
1958	3,318	217	472	922	7	4,936	717	5,653
1959	3,277	319	665	923	3	5,187	647	5,834
1960	2,866	269	740	905	3	4,783	612	5,395
1961	3,200	227	671	884	2	4,984	626	5,610
1962	3,245	245	685	899	5	5,079	569	5,648
1963	2,995	314	686	898		4,893	587	5,480
<b>Nova Scotia:</b>								
1957	2,560	9	988	9,144	78	12,779	1,517	14,296
1958	2,539	9	959	9,282	66	12,855	1,467	14,322
1959	2,398	28	1,083	9,521	59	13,089	1,369	14,458
1960	1,928	16	1,136	9,596	46	12,722	1,235	13,957
1961	2,092	18	1,073	9,537	43	12,763	1,008	13,771
1962	2,007	18	951	9,321	33	12,330	982	13,312
1963	1,613	19	753	9,284	20	11,689	903	12,592
<b>New Brunswick:</b>								
1957	3,961	258	499	6,867	191	11,776	1,561	13,337
1958	4,342	221	490	6,777	155	11,985	1,476	13,461
1959	4,088	225	562	6,920	103	11,898	1,251	13,149
1960	3,745	201	603	7,037	91	11,677	1,128	12,805
1961	3,951	155	600	6,983	68	11,757	1,016	12,775
1962	3,706	143	529	7,045	55	11,476	975	12,453
1963	3,434	157	442	6,996	39	11,068	912	11,980
<b>Quebec:</b>								
1957	63,351	9,898	13,596	63,535	87	150,267	8,245	158,512
1958	75,582	8,658	12,846	65,171	58	162,315	8,537	170,852
1959	75,580	11,839	12,060	62,238	50	161,767	8,436	170,203
1960	70,946	12,712	15,470	61,331	34	160,493	8,367	168,860
1961	78,885	14,928	12,017	60,334	33	166,197	7,557	173,754
1962	83,051	15,099	9,344	59,214	24	166,732	7,373	174,105
1963	80,123	19,477	9,034	59,791	19	168,444	7,483	175,927
<b>Ontario:</b>								
1957	38,651	19,872	17,407	82,672	50	158,652	5,987	164,639
1958	46,884	19,142	17,116	84,313	57	167,512	6,406	173,918
1959	50,066	24,157	18,926	85,812	58	179,019	7,047	186,066
1960	47,361	20,561	21,670	87,141	52	176,785	6,555	183,340
1961	51,846	20,321	20,346	85,785	35	178,333	5,847	184,180
1962	55,394	22,523	18,728	87,204	36	183,885	5,752	189,637
1963	58,743	26,106	18,721	89,062	14	192,646	6,210	198,856
<b>Manitoba:</b>								
1957	11,326	440	597	10,442	29	22,834	3,352	26,186
1958	13,651	282	670	10,407	30	25,040	3,576	28,616
1959	13,230	203	736	9,952	23	24,144	3,673	27,817
1960	12,716	227	1,020	9,693	12	23,668	3,494	27,162
1961	12,935	244	952	9,941	12	24,084	3,187	27,271
1962	13,090	268	828	9,898	12	24,096	2,984	27,080
1963	12,841	328	755	10,050	12	23,986	2,883	26,869
<b>Saskatchewan:</b>								
1957	13,181	23	797	7,602	38	21,639	6,292	27,931
1958	15,637	23	842	8,010	45	24,557	6,649	31,206
1959	15,271	59	908	8,183	22	24,443	6,380	30,823
1960	14,765	93	939	8,067	20	23,904	6,395	30,299
1961	14,875	31	624	7,892	13	23,435	6,076	29,511
1962	14,185	25	289	7,959	12	22,470	5,564	28,034
1963	14,029	23	226	8,141	12	22,431	5,267	27,698
<b>Alberta:</b>								
1957	16,480	538	2,482	13,682	32	33,214	5,382	38,596
1958	18,556	492	2,884	14,207	31	36,170	5,723	41,893
1959	18,598	501	2,877	14,312	30	36,318	5,488	41,806
1960	19,896	583	3,312	14,289	25	38,105	5,586	43,691
1961	21,788	605	2,605	14,376	24	39,396	5,457	44,853
1962	20,851	801	2,993	14,529	24	38,998	5,126	44,124
1963	20,478	682	3,681	14,824	19	39,684	5,124	44,808
<b>British Columbia:</b>								
1957	1,396	343	7,791	23,478	40	33,048	1,065	34,113
1958	1,643	339	8,287	24,014	21	34,304	1,011	35,315
1959	2,395	353	6,184	25,221	19	34,172	1,065	35,237
1960	2,754	407	5,573	25,437	21	34,192	1,033	35,225
1961	3,119	531	6,173	24,995	17	34,835	919	35,754
1962	3,753	491	4,854	25,220	17	34,335	873	35,208
1963	2,721	533	5,257	25,183	14	33,708	861	34,569
<b>Canada:</b>								
1957	153,857	31,396	44,593	218,343	547	448,736	34,127	482,863
1958	182,152	29,383	44,566	223,103	470	479,674	35,562	515,236
1959	184,903	37,684	44,001	223,082	367	490,037	35,356	525,393
1960	176,997	35,069	50,463	223,696	304	486,529	34,405	520,934
1961	192,691	37,060	45,061	220,727	247	495,786	31,695	527,481
1962	199,282	39,413	39,201	221,289	218	499,403	30,198	529,601
1963	196,977	47,639	39,555	224,229	149	508,549	30,230	538,779

<sup>1</sup> Value of milk, cream and farm butter consumed in farm-homes.<sup>2</sup> Farm butter sales, calculated monthly, amounted to less than 500 pounds during each month of 1963.

TABLE 7. Farm Value of Milk Production, Canada, by Province, 1957 to 1963

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>						
1957	117	3,602	921	613	922	6,175
1958	99	4,007	922	625	839	6,492
1959	68	4,261	923	582	854	6,688
1960	54	3,875	905	561	787	6,182
1961	50	4,098	884	578	849	6,499
1962	34	4,175	899	540	885	6,533
1963	32	3,995	898	555	756	6,236
<b>Nova Scotia:</b>						
1957	365	3,557	9,144	1,230	882	15,178
1958	338	3,507	9,282	1,195	921	15,243
1959	305	3,509	9,521	1,123	964	15,422
1960	241	3,080	9,596	1,040	901	14,858
1961	205	3,183	9,537	846	856	14,627
1962	184	2,976	9,321	831	971	14,283
1963	144	2,385	9,284	779	814	13,406
<b>New Brunswick:</b>						
1957	678	4,718	6,867	1,074	1,271	14,608
1958	578	5,053	6,777	1,053	1,273	14,734
1959	376	4,875	6,920	978	1,208	14,357
1960	340	4,549	7,037	879	1,179	13,984
1961	306	4,706	6,983	780	1,095	13,870
1962	242	4,378	7,045	788	1,013	13,466
1963	173	4,033	6,996	776	848	12,828
<b>Quebec:</b>						
1957	922	86,645	63,535	7,410	13,934	172,446
1958	797	97,086	65,171	7,798	13,766	184,618
1959	747	99,479	62,238	7,739	15,761	185,964
1960	639	99,128	61,331	7,762	17,220	186,080
1961	539	105,830	60,334	7,051	16,758	190,512
1962	383	107,494	59,214	7,014	17,825	191,930
1963	314	108,634	59,791	7,188	14,512	190,439
<b>Ontario:</b>						
1957	511	75,930	82,672	5,526	9,348	173,987
1958	588	83,142	84,313	5,875	10,680	184,598
1959	637	93,149	85,812	6,468	12,819	198,885
1960	587	89,592	87,141	6,020	13,158	196,498
1961	429	92,513	85,785	5,453	13,199	197,379
1962	415	96,645	87,204	5,373	14,082	203,719
1963	299	103,570	89,062	5,925	15,186	214,042
<b>Manitoba:</b>						
1957	936	12,363	10,442	2,445	3,287	29,473
1958	934	14,603	10,407	2,672	3,691	32,307
1959	903	14,169	9,952	2,793	3,613	31,430
1960	787	13,963	9,893	2,719	3,597	30,959
1961	711	14,131	9,941	2,488	3,681	30,952
1962	538	14,186	9,898	2,458	3,882	30,962
1963	393	13,924	10,050	2,502	3,863	30,732
<b>Saskatchewan:</b>						
1957	1,967	14,001	7,602	4,361	3,561	31,492
1958	2,085	16,502	8,010	4,609	4,064	35,270
1959	1,863	16,238	8,183	4,539	4,145	34,968
1960	1,764	15,817	8,067	4,651	4,551	34,850
1961	1,660	15,530	7,892	4,429	4,822	34,333
1962	1,296	14,499	7,959	4,280	4,683	32,717
1963	991	14,278	8,141	4,288	4,885	32,583
<b>Alberta:</b>						
1957	1,528	19,500	13,682	3,886	4,157	42,753
1958	1,640	21,932	14,207	4,114	4,597	46,490
1959	1,583	21,976	14,312	3,935	4,663	46,489
1960	1,490	23,791	14,289	4,121	5,041	48,732
1961	1,265	24,998	14,376	4,216	6,242	51,097
1962	1,086	24,445	14,529	4,064	5,917	50,041
1963	974	24,841	14,824	4,169	6,148	50,956
<b>British Columbia:</b>						
1957	245	9,530	23,478	860	781	34,894
1958	182	10,269	24,014	850	833	36,148
1959	202	8,932	25,221	882	969	36,228
1960	193	8,734	25,437	861	1,088	36,313
1961	153	9,823	24,995	783	1,171	36,925
1962	123	9,098	25,220	767	1,179	36,387
1963	102	8,511	25,183	773	1,389	35,958
<b>Canada:</b>						
1957	7,269	229,846	218,343	27,405	38,143	521,006
1958	7,241	256,101	223,103	28,791	40,664	555,900
1959	6,684	266,588	223,082	29,039	45,016	570,409
1960	6,095	262,529	223,696	28,614	47,522	568,456
1961	5,318	274,812	220,727	26,624	48,673	576,154
1962	4,301	277,896	221,289	26,115	50,437	580,038
1963	3,422	284,171	224,229	26,957	48,401	587,180

<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, 1957 to 1963

Province and year	Creamery butter-fat	Cheese milk	Milk for concentration 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>						
1957	63.6	2.33	2.79	3.91	61	2.49
1958	66.9	2.43	2.76	3.97	64	2.57
1959	68.2	2.44	2.78	4.02	64	2.62
1960	67.6	2.38	2.81	4.00	63	2.61
1961	68.0	2.36	2.75	4.03	63	2.59
1962	67.6	2.50	2.78	4.11	55	2.60
1963	68.6	2.61	2.80	4.13	55	2.65
<b>Nova Scotia:</b>						
1957	62.1	—	2.71	4.66	57	3.51
1958	63.8	—	2.84	4.89	60	3.67
1959	65.1	3.74	2.80	5.02	60	3.77
1960	65.9	—	2.90 <sup>1</sup>	5.01	60	3.87
1961	65.8	—	2.84 <sup>1</sup>	5.02	60	3.84
1962	65.5	—	2.82 <sup>1</sup>	4.96	57	3.83
1963	64.4	—	2.73 <sup>1</sup>	4.95	56	3.92
<b>New Brunswick:</b>						
1957	60.0	2.43	3.34	4.71	61	3.16
1958	63.7	2.40	3.30	4.69	64	3.20
1959	63.7	2.64	3.30	4.71	63	3.26
1960	63.9	2.57	3.28	4.80	63	3.32
1961	64.4	2.47	3.30	4.75	63	3.29
1962	65.0	2.47	3.29	4.76	60	3.35
1963	65.7	2.62	3.29	4.77	59	3.41
<b>Quebec:</b>						
1957	63.2	2.84	2.70	4.35	59	2.85
1958	69.0	2.89	2.75	4.48	62	2.98
1959	72.5 <sup>2</sup>	2.87	2.75	4.49	63	3.05
1960	70.8 <sup>2</sup>	2.75	2.72	4.50	63	2.98
1961	69.9 <sup>2</sup>	2.70	2.69	4.50	63	2.92
1962	70.9 <sup>2</sup>	2.74	2.56	4.49	58	2.92
1963	71.5 <sup>2</sup>	2.76	2.61	4.51	55	2.95
<b>Ontario:</b>						
1957	60.9	2.49	2.61	4.57	60	3.04
1958	63.9	2.49	2.62	4.65	63	3.07
1959	69.9 <sup>2</sup>	2.86	2.61	4.71	63	3.21
1960	68.5 <sup>2</sup>	2.48	2.63	4.84	63	3.15
1961	67.4 <sup>2</sup>	2.41	2.55	4.84	64	3.08
1962	67.4 <sup>2</sup>	2.67	2.57	4.83	60	3.11
1963	70.4 <sup>2</sup>	2.84	2.61	4.88	57	3.19
<b>Manitoba:</b>						
1957	58.6	2.60	2.08	4.23	57	2.60
1958	62.4	2.52	2.24	4.41	60	2.68
1959	62.9	2.64	2.26	4.39	62	2.69
1960	63.4	2.59	2.80 <sup>1</sup>	4.42	62	2.72
1961	63.2	2.56	2.78 <sup>1</sup>	4.60	62	2.74
1962	63.1	2.55	2.79 <sup>1</sup>	4.62	59	2.73
1963	63.7	2.64	2.79 <sup>1</sup>	4.62	57	2.76
<b>Saskatchewan:</b>						
1957	60.7	2.27	2.33	4.24	56	2.54
1958	64.6	2.32	2.33	4.41	58	2.65
1959	65.0	2.39	2.42	4.61	60	2.70
1960	65.2	2.46	2.42	4.58	60	2.68
1961	64.7	2.50	2.40	4.63	60	2.67
1962	64.3	—	2.43	4.79	57	2.70
1963	64.5	—	2.41	4.73	56	2.71
<b>Alberta:</b>						
1957	62.5	2.51	2.61	4.55	56	2.76
1958	65.9	2.52	2.84	4.62	59	2.87
1959	66.1	2.64	2.79	4.62	60	2.87
1960	65.8	2.70	2.78	4.61	60	2.82
1961	65.7	2.67	2.78	4.63	60	2.79
1962	66.1	2.71	2.88	4.62	58	2.83
1963	65.7	2.87	2.84	4.64	56	2.83
<b>British Columbia:</b>						
1957	59.1	2.96	4.05	5.44	58	4.71
1958	61.1	2.55	4.29	5.38	59	4.72
1959	68.4 <sup>2</sup>	2.68	3.16 <sup>3</sup>	5.66	58	4.54
1960	67.2 <sup>2</sup>	2.56	2.85 <sup>3</sup>	5.65	58	4.38
1961	65.5 <sup>2</sup>	2.60	3.06 <sup>3</sup>	5.56	57	4.30
1962	64.2 <sup>2</sup>	2.75	2.87 <sup>3</sup>	5.59	55	4.25
1963	66.7 <sup>2</sup>	2.96	2.86 <sup>3</sup>	5.51	53	4.33
<b>Canada:</b>						
1957	61.8	2.59	2.81	4.54	59	2.98
1958	66.1	2.60	2.88	4.64	61	3.06
1959	69.3	2.85	2.73	4.71	62	3.14
1960	68.2	2.57	2.70	4.77	62	3.09
1961	67.6	2.53	2.68	4.77	61	3.03
1962	68.0	2.69	2.64	4.78	59	3.05
1963	69.1	2.80	2.67	4.79	57	3.09

<sup>1</sup> Valuation of the milk equivalent of ice cream mix was changed January 1, 1960, from a cream to a milk basis<sup>2</sup> Not fully comparable due to change in weighting relative quantities of milk and cream deliveries.<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, 1957 to 1963

Province and year	Butter				Cheese		Cottage cheese <sup>1</sup>	Ice cream mix production
	Creamery	Farm	Whey	Total	Cheddar	Other <sup>2</sup>		
	'000 lb.							'000 gal.
<b>Prince Edward Island:</b>								
1957	5,662	192	18	5,872	839	—	3	89
1958	6,053	154	14	6,221	812	—	3	97
1959	5,859	107	19	5,985	1,190	—	3	115
1960	5,237	85	18	5,340	1,028	—	3	126
1961	5,808	80	16	5,904	878	—	3	124
1962	5,927	62	24	6,013	891	—	3	133
1963	5,386	59	24	5,469	1,092	—	3	153
<b>Nova Scotia:</b>								
1957	5,026	640	—	5,666	—	—	479	727
1958	4,856	564	—	5,420	—	—	484	730
1959	4,490	509	—	4,999	—	—	535	816
1960	3,613	402	—	4,015	—	—	524	876
1961	3,926	341	—	4,267	—	—	528	883
1962	3,780	322	—	4,102	—	—	552	910
1963	3,092	258	—	3,350	—	—	589	937
<b>New Brunswick:</b>								
1957	8,048	1,112	—	9,160	960	—	3	439
1958	8,314	903	—	9,217	830	—	3	437
1959	7,831	597	—	8,428	767	—	3	501
1960	7,238	539	—	7,777	705	—	3	540
1961	7,571	466	—	8,037	562	—	3	548
1962	7,038	404	—	7,442	520	—	3	555
1963	6,451	293	—	6,744	537	—	3	617
<b>Quebec:</b>								
1957	122,136	1,563	340	124,039	28,140	3,001	1,568	4,352
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	139,330	855	985	141,170	45,925	4,372	2,029	5,266
1962	144,527	661	1,329	146,517	45,190	4,991	2,162	5,557
1963	138,420	571	1,748	140,739	58,094	6,296	2,111	5,673
<b>Ontario:</b>								
1957	77,422	852	1,885	80,159	65,269	6,835	8,642	6,644
1958	89,452	934	1,857	92,243	62,732	6,605	8,351	6,809
1959	87,381	1,011	2,425	90,817	69,034	7,342	9,078	7,656
1960	85,396	931	2,649	88,976	66,939	8,079	9,205	7,677
1961	95,036	671	2,861	98,568	68,020	7,815	9,821	7,678
1962	101,438	691	2,594	104,723	67,376	8,424	10,759	8,102
1963	103,088	524	2,600	106,212	73,753	8,907	12,148	8,601
<b>Manitoba:</b>								
1957	23,552	1,642	—	25,194	1,263	3	1,664	845
1958	26,657	1,556	—	28,213	693	3	1,720	876
1959	25,630	1,457	—	27,087	385	3	1,731	944
1960	24,778	1,270	—	26,048	487	3	1,743	1,063
1961	25,278	1,146	—	26,424	551	3	1,735	1,156
1962	25,605	912	—	26,517	631	3	1,756	1,212
1963	24,905	690	—	25,595	817	3	1,827	1,389
<b>Saskatchewan:</b>								
1957	26,482	3,512	—	29,994	52	3	570	1,006
1958	29,509	3,595	—	33,104	46	3	650	1,060
1959	28,671	3,105	—	31,776	190	—	698	1,104
1960	28,012	2,940	—	30,952	292	—	788	1,139
1961	28,387	2,767	—	31,154	30	—	948	1,189
1962	27,256	2,273	—	29,529	—	—	1,040	1,168
1963	26,872	1,769	—	28,641	—	—	1,044	1,313
<b>Alberta:</b>								
1957	32,161	2,729	5	34,895	1,822	3	1,536	1,516
1958	34,327	2,780	4	37,111	1,635	3	1,663	1,637
1959	34,322	2,639	5	36,966	1,577	3	1,855	1,669
1960	37,338	2,483	7	39,828	1,760	48	2,222	1,862
1961	40,917	2,108	7	43,032	1,780	51	2,484	2,016
1962	38,934	1,872	5	40,811	1,693	65	2,729	2,054
1963	38,467	1,740	5	40,212	1,769	135	2,995	2,217
<b>British Columbia:</b>								
1957	2,882	422	—	3,304	691	3	4,462	1,939
1958	3,280	308	—	3,588	791	3	4,526	2,118
1959	4,267	349	—	4,616	705	3	5,685	2,138
1960	5,080	332	—	5,392	969	3	5,849	2,175
1961	5,880	269	—	6,149	1,168	3	6,385	2,361
1962	7,215	223	—	7,438	979	3	6,471	2,398
1963	5,039	192	—	5,231	989	3	6,672	2,576
<b>Canada:</b>								
1957	303,371	12,664	2,248	318,283	99,036	10,083	18,968	17,557
1958	335,990	12,079	2,137	350,206	91,321	10,406	19,145	18,282
1959	325,578	10,959	2,722	339,259	107,656	11,464	21,511	20,009
1960	320,403	9,996	2,965	333,364	110,372	12,373	22,331	20,480
1961	352,133	8,723	3,869	364,725	118,912	12,496	24,009	21,421
1962	361,720	7,420	3,952	373,092	117,280	13,718	25,567	22,089
1963	351,720	6,096	4,377	362,193	137,051	15,580	27,482	23,476

<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, 1957 to 1963

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>						
1957	20,849	3,388	—	69	67	10
1958	20,666	3,288	—	56	85	6
1959	20,464	3,120	—	56	96	6
1960	20,170	3,058	—	76	135	7
1961	19,685	2,876	3	101	171	5
1962	19,996	2,452	3	118	187	7
1963	19,995	2,250	3	122	201	7
<b>Nova Scotia:</b>						
1957	179,212	27,402	—	1,599	2,065	293
1958	173,547	26,667	—	1,610	2,338	307
1959	174,993	25,251	—	1,917	2,485	324
1960	176,663	25,763	—	1,916	2,581	334
1961	175,890	24,638	—	1,936	2,773	316
1962	174,177	23,756	—	2,001	3,032	315
1963	174,107	22,826	123	2,275	3,367	318
<b>New Brunswick:</b>						
1957	132,541	18,854	—	829	354	64
1958	131,452	18,594	—	882	451	91
1959	133,878	18,717	—	967	530	91
1960	133,640	18,948	3	929	740	90
1961	133,634	19,258	80	1,003	967	133
1962	134,465	19,515	130	1,031	1,105	140
1963	133,129	19,618	228	1,129	1,316	144
<b>Quebec:</b>						
1957	1,317,307	240,370	4	5,010	2,440	736
1958	1,313,556	238,175	2,975	4,620	3,010	783
1959	1,247,602	231,404	3,864	5,524	4,369	820
1960	1,226,702	228,407	5,135	5,799	5,953	740
1961	1,203,278	228,313	7,144	6,299	7,318	731
1962	1,184,695	231,119	9,640	6,895	8,215	596
1963	1,194,592	230,874	11,605	7,489	9,841	651
<b>Ontario:</b>						
1957	1,666,418	275,155	21,569	15,072	34,935	8,367
1958	1,664,514	277,659	36,173	14,796	35,594	7,888
1959	1,679,448	283,906	50,551	17,228	36,546	8,655
1960	1,663,320	288,740	68,609	16,701	36,701	7,453
1961	1,641,530	285,602	84,162	17,014	38,545	7,557
1962	1,668,489	294,496	104,540	19,049	37,167	7,435
1963	1,696,243	289,798	129,494	20,713	37,238	7,416
<b>Manitoba:</b>						
1957	214,610	65,215	2,508	1,275	2,153	1,151
1958	203,961	83,114	5,038	1,289	2,190	1,249
1959	194,848	61,617	5,349	1,489	1,945	1,200
1960	194,670	58,817	5,954	1,673	1,996	1,210
1961	189,664	55,039	7,327	1,702	2,046	1,218
1962	187,797	55,660	8,526	1,733	2,040	1,063
1963	191,536	54,506	9,881	1,783	2,149	1,177
<b>Saskatchewan:</b>						
1957	160,377	33,632	—	1,613	554	373
1958	163,256	34,231	—	1,758	654	411
1959	159,821	33,318	—	1,752	773	438
1960	157,879	33,991	—	1,924	931	500
1961	153,692	32,106	—	1,915	1,165	547
1962	149,371	33,001	40	1,888	1,462	477
1963	155,456	32,472	2,131	2,120	1,687	509
<b>Alberta:</b>						
1957	259,711	73,530	—	2,487	1,798	982
1958	262,812	72,964	352	2,523	2,215	1,064
1959	264,400	75,089	989	2,590	2,518	1,046
1960	267,392	69,703	4,245	2,847	2,759	1,125
1961	269,342	68,160	6,362	3,508	3,159	1,533
1962	272,462	69,718	7,801	3,791	3,226	1,452
1963	277,894	69,335	10,059	4,088	3,469	1,452
<b>British Columbia:</b>						
1957	348,565	79,533	674	1,733	2,511	1,456
1958	363,449	79,492	3,122	2,055	2,700	1,699
1959	359,691	83,241	5,355	1,983	2,791	1,574
1960	365,392	85,136	6,764	2,186	2,824	1,627
1961	365,673	83,974	8,074	2,249	2,887	1,688
1962	384,236	86,876	9,623	2,161	2,897	1,604
1963	369,108	88,136	11,805	2,391	3,089	1,655
<b>Canada:</b>						
1957	4,299,590	817,079	24,751 <sup>4</sup>	29,687	46,877	13,432
1958	4,297,213	814,164	47,660	29,589	49,237	13,498
1959	4,235,145	815,663	66,108	33,506	52,053	14,154
1960	4,205,828	812,563	90,707	34,051	54,620	13,086
1961	4,152,388	799,966	113,149	35,727	57,031	13,730
1962	4,155,688	816,593	140,300	38,667	59,351	13,089
1963	4,212,060	809,815	175,326	42,106	62,357	13,329

<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.<sup>4</sup> Quebec sales are not available and therefore not included in the Canada total.

TABLE 11. Production of Concentrated Milk Products, Canada, 1957 to 1963

Products	1957	1958	1959	1960	1961	1962	1963
	'000 lb.						
<b>Whole milk products:</b>							
Condensed milk .....	14,730	14,194	14,553	14,420	14,814	16,313	17,475
Case .....	3,149	2,721	3,296	2,480	2,682	2,440	2,611
Bulk .....	11,581	11,473	11,257	11,940	12,132	13,873	14,864
Evaporated milk .....	316,824	305,267	302,697	316,950	321,994	287,270	302,547
Case .....	303,922	298,349	297,383	303,645	317,262	281,463	295,552
Bulk .....	12,902	6,918	5,314	13,305	4,732	5,807	6,995
Whole milk powder .....	23,088	19,713	20,872	45,829	25,622	23,310	21,907
Spray .....	21,847	19,129	20,401	45,402	25,215	22,998	21,673
Roller .....	1,241	584	471	427	407	312	234
Partly skimmed evaporated milk .....	21,888	21,119	21,163	20,178	22,474	24,360	27,497
Other whole milk products <sup>1</sup> .....	3,577	1,591	3,699	6,948	8,901	12,313	13,099
<b>Milk by-products:</b>							
Condensed skim milk .....	3,476	3,444	3,814	2,602	1,918	1,816	1,346
Evaporated skim milk .....	9,184	10,028	7,662	2,769	6,210	5,335	7,073
Skim milk powder .....	120,710	185,625	176,437	171,969	213,029	192,292	176,066
Spray .....	78,388	131,509	133,045	121,173	168,408	157,144	142,250
Roller .....	42,322	54,116	43,392	50,796	44,621	35,148	33,816
Powdered buttermilk .....	8,100	8,028	7,740	8,179	9,833	10,323	10,149
Casein .....	4,896	3,430	4,924	8,000	14,024	22,197	21,439
Whey powder .....	13,037	12,820	16,599	11,037	19,730	18,221	30,315
Other milk by-products <sup>2</sup> .....	548	1,058	3,084	5,342	4,500	9,286	13,628

<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 concentrated liquid milk.

<sup>2</sup> 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, Canada, January 1, May 1 and October 1, 1957 to 1963

Year	Butter			Cheese		
	January 1	May 1	October 1	January 1	May 1	October 1
	'000 lb.					
1957 .....	88,322	36,927	90,092	41,554	29,562	59,739
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
1962 .....	127,057	61,860	155,799	68,018	51,632	66,475
1963 .....	135,690	101,661	167,266	55,372	40,486	72,763
	Evaporated whole milk			Skim milk powder		
	'000 lb.					
1957 .....	38,045	12,412	81,372	7,978	4,723	33,787
1958 .....	47,878	28,145	77,192	47,838	39,750	86,908
1959 .....	47,781	21,883	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	24,659	51,938
1962 .....	60,169	25,198	66,368	29,875	21,344	55,532
1963 .....	39,374	15,107	60,238	53,513	24,192	33,870

TABLE 13. Exports and Imports of Certain Dairy Products, Canada, 1957 to 1963

Year	Exports					Imports		
	Butter	Cheese	Evaporated milk	Condensed milk	Milk powder		Butter	Cheese
					Whole <sup>1</sup>	Skim		
	'000 lb.							
1957 .....	4	8,456	4,649	681	16,435	719	<sup>1</sup>	9,419
1958 .....	5	15,701	3,152	—	17,530	46,488	1	11,207
1959 .....	10,504	20,009	5,029	2	18,401	110,543	3	13,026
1960 .....	3,014	16,780	3,264	2	36,729	47,992	6	13,162
1961 .....	9	19,508	4,659	—	25,790	53,090	<sup>2</sup>	14,710
1962 .....	4	27,252	6,058	1	20,203	35,689	—	14,623
1963 .....	5,609	25,823	5,881	—	17,111	55,556	—	15,418

<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, 1957 to 1963

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.								
1957	321,554	12,664	2,274	336,492	47,452	46,537	18,292	112,281
1958	312,255	12,079	2,134	326,468	47,162	50,214	19,615	116,991
1959	303,059	10,959	2,619	316,637	47,395	52,016	22,589	122,000
1960	289,889	9,996	2,979	302,864	50,597	55,176	22,750	128,523
1961	288,309	8,723	3,723	300,755	52,624	57,467	26,032	136,123
1962	320,752	7,420	4,083	332,255	61,003	61,109	27,358	149,470
1963	350,749	6,096	4,347	361,192	59,232	64,291	30,899	154,422
Disappearance per capita								
lb.								
1957	19.36	0.76	0.14	20.26	2.86	2.80	1.10	6.76
1958	18.28	0.71	0.12	19.11	2.76	2.94	1.15	6.85
1959	17.33	0.63	0.15	18.11	2.71	2.98	1.29	6.98
1960	16.22	0.56	0.17	16.95	2.83	3.09	1.27	7.19
1961	15.81	0.48	0.20	16.49	2.89	3.15	1.43	7.47
1962	17.27	0.40	0.22	17.89	3.29	3.29	1.47	8.05
1963	18.56	0.32	0.23	19.11	3.13	3.40	1.64	8.17
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.								
1957	90,064	9,185	3,511	128,035	47,452	31,106	78,558	18,968
1958	109,673	9,956	3,432	151,446	47,162	33,926	81,088	19,148
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	22,381
1961	153,277	6,227	1,979	200,605	52,624	38,916	91,540	24,009
1962	132,977	5,333	1,834	188,328	61,003	41,941	102,944	25,567
1963	153,037	7,063	1,357	223,328	59,232	46,283	105,515	27,482
Disappearance per capita								
lb.								
1957	5.42	0.55	0.21	7.71	2.86	1.87	4.73	1.14
1958	6.42	0.58	0.20	8.87	2.76	1.99	4.75	1.12
1959	6.94	0.44	0.22	9.36	2.71	1.99	4.70	1.23
1960	6.87	0.15	0.14	8.91	2.83	2.13	4.96	1.25
1961	8.40	0.34	0.11	11.00	2.89	2.13	5.02	1.32
1962	7.16	0.29	0.10	10.14	3.29	2.25	5.54	1.38
1963	8.10	0.37	0.07	11.82	3.13	2.45	5.58	1.45
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					Disappearance per capita			
'000 lb.					lb.			
1957	302,342	13,952	4,577	345,744	18.20	0.84	0.28	20.81
1958	302,212	14,562	3,320	343,380	17.69	0.85	0.20	20.10
1959	300,851	14,437	3,879	343,697	17.21	0.82	0.22	19.66
1960	314,735	14,253	4,899	359,548	17.61	0.80	0.28	20.12
1961	300,715	14,735	3,278	349,883	16.49	0.81	0.18	19.18
1962	302,007	16,082	2,820	358,460	16.26	0.87	0.15	19.30
1963	296,079	17,935	5,167	360,095	15.67	0.95	0.27	19.06

<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 to 1963 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, Table 13, page 19.

*See 1964 Dairy Statistics*

TABLE 15. Domestic Disappearance of Ice Cream and Fluid Milk and Cream, Canada, by Province, 1957 to 1963

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>					
1957	1.81	370.88	1.02	179	36,717
1958	1.95	360.51	0.99	195	36,051
1959	2.29	339.43	0.93	231	34,282
1960	2.66	326.11	0.89	274	33,598
1961	2.55	318.48	0.87	268	33,440
1962	2.73	305.60	0.83	289	32,394
1963	3.11	303.30	0.83	333	32,453
<b>Nova Scotia:</b>					
1957	2.07	276.40	0.76	1,454	193,753
1958	2.06	263.80	0.72	1,460	187,034
1959	2.27	256.81	0.70	1,631	184,644
1960	2.44	252.82	0.69	1,771	183,803
1961	2.42	240.68	0.66	1,786	177,384
1962	2.44	234.65	0.64	1,819	175,048
1963	2.52	228.28	0.63	1,903	172,583
<b>New Brunswick:</b>					
1957	1.56	262.49	0.72	878	147,518
1958	1.53	252.83	0.69	874	144,364
1959	1.72	248.03	0.68	1,002	144,353
1960	1.80	240.42	0.66	1,061	141,609
1961	1.62	232.60	0.64	1,087	139,095
1962	1.82	230.64	0.63	1,106	140,000
1963	2.00	225.71	0.62	1,225	138,587
<b>Quebec:</b>					
1957	1.83	297.32	0.81	8,705	1,417,918
1958	1.84	287.36	0.79	9,036	1,409,206
1959	2.02	266.11	0.73	10,128	1,336,956
1960	1.97	257.24	0.70	10,114	1,322,712
1961	2.01	246.02	0.67	10,587	1,293,796
1962	2.07	236.31	0.65	11,128	1,278,770
1963	2.07	235.83	0.65	11,313	1,289,508
<b>Ontario:</b>					
1957	2.36	297.57	0.82	13,289	1,677,124
1958	2.34	287.73	0.79	13,618	1,674,855
1959	2.57	283.07	0.78	15,316	1,689,672
1960	2.60	273.60	0.75	15,899	1,671,962
1961	2.64	263.68	0.72	16,440	1,644,338
1962	2.61	263.31	0.72	16,531	1,669,911
1963	2.72	262.51	0.72	17,534	1,692,667
<b>Manitoba:</b>					
1957	1.96	342.89	0.94	1,690	295,570
1958	2.00	329.82	0.90	1,752	288,595
1959	2.12	318.04	0.87	1,889	283,374
1960	2.32	307.08	0.84	2,100	278,210
1961	2.47	287.15	0.79	2,275	264,748
1962	2.53	281.13	0.77	2,367	262,658
1963	2.85	279.60	0.77	2,705	265,621
<b>Saskatchewan:</b>					
1957	2.29	328.33	0.90	2,012	288,933
1958	2.38	327.23	0.90	2,120	291,561
1959	2.43	314.86	0.86	2,207	285,576
1960	2.46	311.80	0.85	2,253	285,296
1961	2.54	297.37	0.81	2,346	275,064
1962	2.47	288.71	0.79	2,300	268,506
1963	2.75	290.08	0.79	2,570	270,642
<b>Alberta:</b>					
1957	2.61	325.45	0.89	3,033	378,822
1958	2.72	316.77	0.87	3,275	382,024
1959	2.67	303.80	0.83	3,337	379,148
1960	2.81	296.86	0.81	3,623	383,250
1961	2.93	288.66	0.79	3,897	384,492
1962	2.95	279.74	0.77	4,042	383,240
1963	3.12	276.77	0.76	4,389	388,860
<b>British Columbia:</b>					
1957	2.62	240.16	0.66	3,877	355,923
1958	2.75	238.28	0.65	4,236	366,481
1959	2.73	233.01	0.64	4,276	365,121
1960	2.58	231.28	0.63	4,133	370,505
1961	2.75	226.10	0.62	4,485	368,323
1962	2.74	222.65	0.61	4,551	369,381
1963	2.88	220.45	0.60	4,847	373,662
<b>Canada:</b>					
1957	2.11	296.08	0.81	35,117	4,792,278
1958	2.14	287.13	0.79	36,566	4,780,171
1959	2.29	275.97	0.76	40,017	4,703,126
1960	2.31	268.11	0.73	41,228	4,670,947
1961	2.37	257.63	0.71	43,171	4,580,680
1962	2.38	253.04	0.69	44,133	4,580,108
1963	2.48	251.13	0.69	46,819	4,624,583

<sup>1</sup> Ice cream data shown for 1960 to 1963 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, 1957 to 1963

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
1957 .....	1,002.93	381.94	35.94	16,496,758	6,182,040	596,989
1958 .....	963.41	370.40	36.39	16,295,087	6,166,422	621,622
1959 .....	927.87	356.00	38.91	16,064,838	6,067,034	680,289
1960 .....	893.70	345.86	38.97	15,815,384	6,025,525	696,320
1961 .....	865.70	332.34	35.64	15,636,618	5,909,079	650,017
1962 .....	891.54	326.43	28.67	16,402,504	5,908,341	536,047
1963 .....	916.16	323.96	26.42	17,155,929	5,965,715	499,296
	Creamery butter	Farm butter	Process cheese <sup>2</sup>	Creamery butter	Farm butter	Process cheese <sup>2</sup>
1957 .....	453.00	17.84	21.56	7,524,364	296,338	358,104
1958 .....	427.80	16.55	22.62	7,306,767	282,649	386,344
1959 .....	405.63	14.67	22.89	7,091,581	256,441	400,221
1960 .....	379.60	13.09	23.76	6,783,403	233,906	424,500
1961 .....	369.91	11.19	24.25	6,746,431	204,118	442,174
1962 .....	404.18	9.35	25.32	7,505,597	173,628	470,322
1963 .....	434.35	7.55	26.19	8,207,527	142,646	494,859
	Cheddar cheese	Other cheese <sup>3</sup>	Evaporated milk	Cheddar cheese	Other cheese <sup>3</sup>	Evaporated milk
1957 .....	31.43	12.73	41.87	521,972	211,542	695,387
1958 .....	30.37	13.16	40.70	518,782	224,756	695,088
1959 .....	29.82	14.74	39.58	521,345	257,599	691,957
1960 .....	31.14	14.55	40.51	556,567	260,026	723,891
1961 .....	31.74	16.61	37.92	578,864	303,013	691,644
1962 .....	36.13	17.25	37.41	671,033	320,187	694,616
1963 .....	34.48	19.03	36.04	651,552	359,563	680,982
	Condensed milk	Milk powder	Other products <sup>4</sup>	Condensed milk	Milk powder	Other products <sup>4</sup>
1957 .....	1.93	2.20	2.49	32,090	36,616	41,316
1958 .....	1.96	1.56	1.90	33,493	26,560	32,604
1959 .....	1.90	1.78	1.95	33,205	31,032	34,134
1960 .....	1.84	2.19	2.19	32,782	39,192	39,272
1961 .....	1.86	1.44	2.80	33,890	26,224	51,164
1962 .....	1.99	1.21	3.40	36,989	22,560	63,184
1963 .....	2.18	2.19	3.77	41,250	41,336	71,203

<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 concentrated liquid milk.

*See 1964 Dairy Statistics*

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Months, 1957 to 1963

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>							
1957	58	35½	6.00	36½	17	13	9
1958	62½	35½	6.20	41	17¼	14	8½
1959	64	35	6.22	40	15	12	8½
1960	64	32½	6.40	36½	11½	10½	9½
1961	64	32½	6.40	38	9½	8	7
1962	63½	32½	6.40	37	7½	5½	5½
1963	51¼	35	6.40	37	8½	7½	7
<b>February:</b>							
1957	58	35½	6.00	37½	17	13½	9
1958	62½	35½	6.20	41	17¼	14	8½
1959	64	35½	6.25	40	15	12	9
1960	64	32	6.40	38½	11	10½	9
1961	64	32½	6.40	38	9	7¾	8½
1962	63½	32½	6.40	37	7½	6	5½
1963	51¼	35	6.40	37	8½	7½	7
<b>March:</b>							
1957	58	35½	6.00	38	17	14	9
1958	62½	35½	6.20	41	17¼	14	8½
1959	64	36	6.35	40	15	12	9
1960	64	32	6.40	38½	10	9	8
1961	63½	33¼	6.40	38	8½	7½	6½
1962	63½	32½	6.40	37	7½	6	5½
1963	51¼	35½	6.40	37	8½	7½	7
<b>April:</b>							
1957	58	35½	6.00	39	18	15	10
1958	62½	34½	6.20	41	17¼	14	8½
1959	63¾	35½	6.35	40	15	12	9
1960	63½	32	6.40	38½	9	8	7½
1961	62¾	32½	6.40	37½	8½	7	6½
1962	62½	32½	6.40	37	7½	6	5½
1963	51	35½	6.40	37	8½	8	7½
<b>May:</b>							
1957	58	35½	6.00	39	18	15	10
1958	62¾	34½	6.20	41	15½	12¼	8
1959	63¾	34	6.35	40	12	9	7½
1960	63	32	6.40	38½	9	8	7½
1961	62½	32½	6.40	37	8	6½	5½
1962	50½	32½	6.40	37	8½	6¾	6
1963	50¼	35½	6.40	37	11½	10½	8½
<b>June:</b>							
1957	58	35½	6.20	40	18	15	10
1958	62¾	34½	6.20	41	15½	12¼	7½
1959	63¾	36	6.15	40	10½	8½	7½
1960	63	33½	6.40	38½	9	8	7
1961	62½	32½	6.40	37	7½	6	5½
1962	50½	33½	6.40	37	8½	6¾	6
1963	50¼	36¾	6.70	37	11½	10½	9
<b>July:</b>							
1957	59	35½	6.20	40	18	15	9½
1958	63½	35½	6.20	40	15½	12¼	7½
1959	63¾	37¾	6.15	40	10½	8½	7½
1960	63	33½	6.40	38	9	8	7
1961	62½	33½	6.40	37	7¼	5½	5½
1962	50½	34¾	6.40	37	8½	6¾	6
1963	50¼	38	6.70	37	11½	10½	9
<b>August:</b>							
1957	60	35½	6.20	40	18	14½	9
1958	63½	35½	6.20	40	15	12	7½
1959	63¾	37¾	6.15	40	10½	8½	7½
1960	63	33½	6.40	38	9	8	7½
1961	62½	34	6.40	37	7	5½	4½
1962	50½	36	6.40	37	8½	7	6½
1963	50¼	38½	6.70	37	11½	10½	9
<b>September:</b>							
1957	61¼	35½	6.20	40	17½	14½	8½
1958	63½	35½	6.20	40	15	12	7½
1959	63¾	37¾	6.15	38	10½	8½	7½
1960	63	34	6.40	38	9	8	7
1961	62½	34½	6.40	37	7	5½	4½
1962	50½	37½	6.40	37	8½	7¼	6½
1963	50¼	38½	6.70	37	11½	10½	9
<b>October:</b>							
1957	61¼	35½	6.20	41	17½	14½	8½
1958	63½	35½	6.20	40	15	12	7½
1959	63¾	38	6.40	38	11	9	8
1960	63¾	33	6.40	38	9½	8	7
1961	62½	34¾	6.40	37	7	5½	4½
1962	50½	37½	6.40	37	8½	7¼	6½
1963	50¼	38½	6.70	37	11½	10½	9

See footnotes at end of table.

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Months, 1957 to 1963 - 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>6</sup>	Feed <sup>7</sup>
	per lb. ¢	per lb. ¢	per case \$	per lb. ¢	per lb. ¢	per lb. ¢	per lb. ¢
<b>November:</b>							
1957.....	62	35½	6.20	41	17½	14½	8½
1958.....	63½	35½	6.20	40	15	12	8
1959.....	63¾	38½	6.40	38	11½	10½	9½
1960.....	63¾	32½	6.40	38	9¼	8	7
1961.....	62½	34½	6.40	37	7	5¼	4½
1962.....	50¾	37½	6.40	37	8¼	7¼	6½
1963.....	51	38	6.70	37	13	12	10½
<b>December:</b>							
1957.....	62½	35	6.20	41	17¼	14	8¼
1958.....	64	35¼	6.20	40	15	12	8
1959.....	64	35	6.40	38½	11½	10¼	10
1960.....	64	32½	6.40	38	9¼	8	7
1961.....	63½	33½	6.40	37	7	5¼	4½
1962.....	51	36¼	6.40	37	8¼	7½	6¼
1963.....	51	36½	6.70	37	15¼	13½	11
<b>Yearly average:</b>							
1957.....	59½	35½	6.12	39¼	17½	14¼	9¼
1958.....	63¾	35	6.20	40½	15¼	12¼	8
1959.....	63¾	36¾	6.28	39¼	12¼	10¼	8¼
1960.....	63½	32¼	6.40	38¼	9½	8½	7¼
1961.....	63	33¼	6.40	37¼	7¼	6¼	5¼
1962.....	54¼	34¼	6.40	37	8	6¼	5¼
1963.....	50¾	36¼	6.58	37	10¼	9¼	8¼

<sup>1</sup> 1st Gr. Solids.<sup>2</sup> Ontario coloured. Prices for 1959 to 1961 at Kingston and Belleville, 1962 and 1963 at Belleville.<sup>3</sup> Cases (46/16's).<sup>4</sup> Spray 26% (Bbls.).<sup>5</sup> Bags.TABLE 18. Production of Butter Oil, Canada, by Months, 1957 to 1963  
Note: Product with 95 per cent or more butter-fat and not including oil made by reprocessing butter.

Month	1957	1958	1959	1960	1961	1962	1963
	pounds						
January.....	15,124	<sup>1</sup>	124,399	<sup>1</sup>	40,776	11,478	<sup>1</sup>
February.....	1,026	<sup>1</sup>	202,525	100,355	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
March.....	87,154	14,380	137,798	187,947	63,272	<sup>1</sup>	<sup>1</sup>
April.....	47,668	44,018	107,811	98,916	<sup>1</sup>	9,202	<sup>1</sup>
May.....	177,064	39,272	73,953	53,730	110,083	<sup>1</sup>	<sup>1</sup>
June.....	156,132	79,514	156,797	74,024	75,627	<sup>1</sup>	<sup>1</sup>
July.....	58,801	158,045	294,307	122,061	77,542	—	<sup>1</sup>
August.....	22,706	<sup>1</sup>	308,296	111,137	59,242	<sup>1</sup>	<sup>1</sup>
September.....	8,207	170,185	167,700	50,817	50,792	<sup>1</sup>	<sup>1</sup>
October.....	10,280	64,818	182,724	13,766	87,070	<sup>1</sup>	<sup>1</sup>
November.....	4,727	38,261	172,178	<sup>1</sup>	27,607	<sup>1</sup>	<sup>1</sup>
December.....	5,493	173,820	55,247	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1</sup>
<b>Totals.....</b>	<b>594,492</b>	<b>923,004</b>	<b>1,983,735</b>	<b>984,494</b>	<b>652,259</b>	<b>60,543</b>	<sup>1</sup>

<sup>1</sup> Excluded to avoid disclosing individual company operations but included in totals for each year except 1963.



**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) <sup>1</sup> .....	4.0	1.14 " "
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> Previous to July 1, 1961, converted on the basis of 3.0 per cent butter-fat and 0.86 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	2.59
	pint	1.30
Cream.....	gallon	10.00
	quart	2.50
	pint	1.25

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