

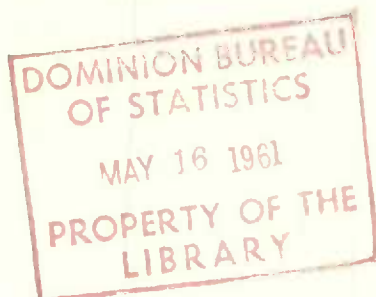
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CANADA



DAIRY STATISTICS

1960

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FARM SALES OF DAIRY PRODUCTS

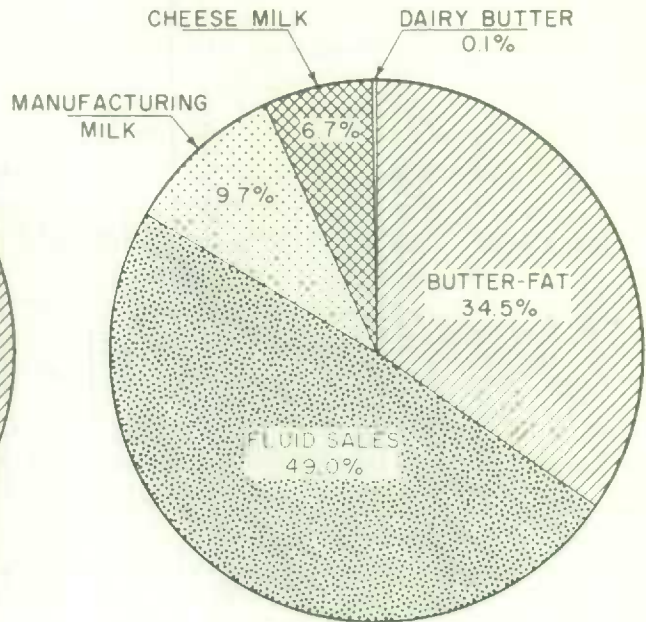
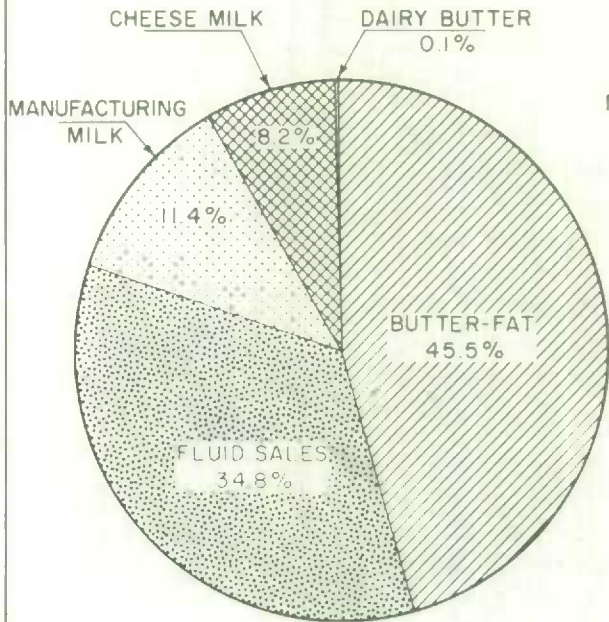
1960

QUANTITIES
(MILK)

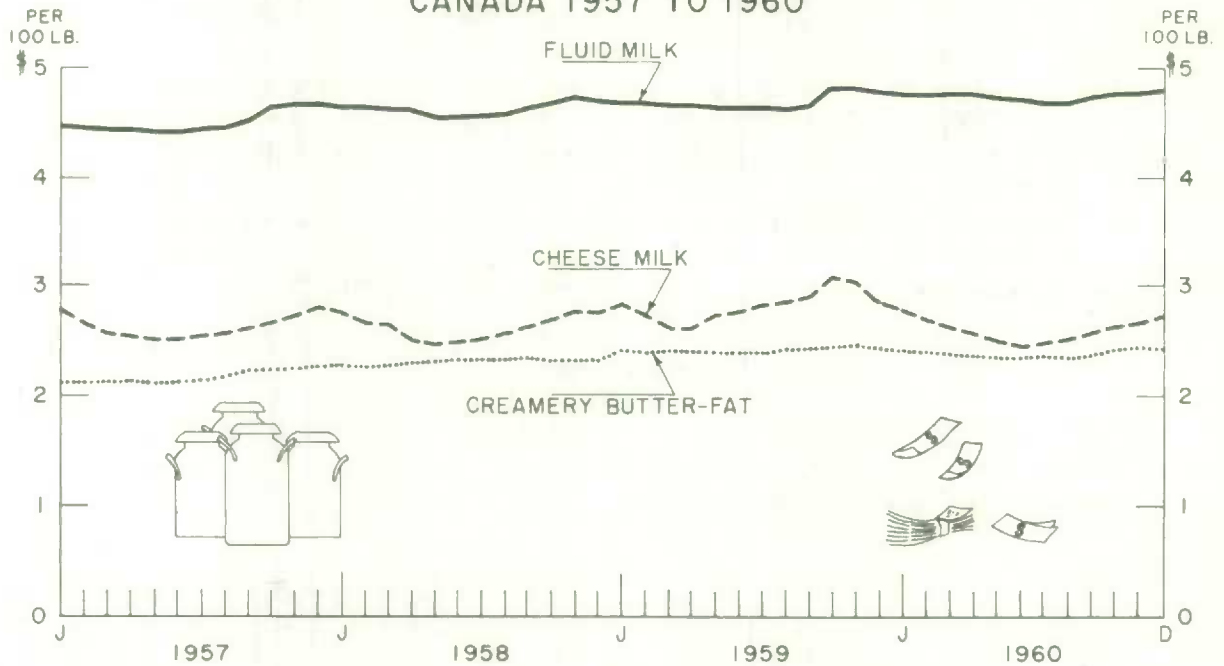
16,438,592,000 LB.

INCOME

\$ 518,887,000



AVERAGE FARM VALUE OF FLUID MILK, CHEESE MILK, AND CREAMERY BUTTER-FAT EXPRESSED AS MILK CANADA 1957 TO 1960



DAIRY STATISTICS

1960

INTRODUCTION

Milk production in Canada during 1960 amounted to 18.4 billion pounds, 1.4 per cent higher than the level estimated for 1959. The increase was primarily due to a 2.5 per cent increase over 1959 for milk produced in Quebec although production in Alberta and British Columbia increased 6 and 4 per cent, respectively. Milk production in Ontario and Saskatchewan remained the same as in 1959 but in the other provinces less milk was produced than in the previous year. Quebec and Ontario each accounted for about 6 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.

Fifty-eight per cent of the milk produced in Canada was utilized for the manufacture of dairy factory products, 31 per cent was used for sales of fluid milk and cream and 11 per cent was used on farms. This is the same pattern that has prevailed over the past few years. The 58 per cent that was used for dairy factory products was made up as follows: 41 per cent for creamery butter, 7 per cent for cheese, 6 per cent for concentrated whole milk products and 4 per cent for ice cream mix. The 11 per cent used on farms was made up of 6 per cent for milk consumed in farm homes, 4 per cent for milk pail fed to livestock and 1 per cent for milk used in the manufacture of butter, on the farm. Manufacturing is the principal utilization for milk in all provinces except Nova Scotia and British Columbia, where the largest portion of milk production is used for fluid sales.

Milk cow numbers at June 1, 1960, were 1.7 per cent higher than at the same date a year earlier. In Quebec, Alberta, British Columbia and Ontario, 2 to 3 per cent more milk cows were reported on farms than at the same date a year earlier. From the monthly survey of farmers keeping milk cows, indications are that the effect of the increase in milk cow numbers in Ontario may have been diminished by a decrease in percentage of the herd milked compared to the same date a year earlier. The picture at December 1 was similar to that of June 1. The decline in numbers of heifers retained for milking purposes which, except for 1952, had been continuous since 1948 showed signs of being arrested as increases were in evidence for 1960, both at June 1 and at December 1. Milk production per cow on the farms covered in the monthly survey was reported to have remained at about the same level as in 1959.

Pastures in the spring of 1960 were very favourable to dairying. Winter-kill was slight, the weather was cool and moist. Conditions held until August

when dryness became apparent in eastern Ontario, Quebec and the Maritime provinces. By September, pastures throughout the country had deteriorated to a state considerably worse than in September 1959. The autumn remained dry and it led into a mild winter with little snowfall.

The total farm value of all milk produced in 1960 amounted to \$599 million. This was made up of farm cash income from the sale of milk, cream, and farm butter (\$519 million); the value of milk, cream and farm butter consumed on the farm (\$36 million); and the value of milk, skim milk and butter-milk fed to farm animals (\$44 million). Farm cash income from dairying was 1 per cent higher than in 1959. The sale of milk for fluid purposes amounted to \$254 million, 3 per cent higher than in the previous year. Farm cash income from milk and cream sold for creamery butter manufacture was \$179 million, 3 per cent lower than the corresponding value for 1959, and milk for other factory products brought \$85 million in cash income to the farmer, 4 per cent more than in 1959.

The average value of all milk and milk equivalent of cream sold by farmers in 1960 dropped 2 cents per cwt. from \$3.18 in 1959. The year 1959, was the fifth consecutive year in which the average was higher than that of the previous year. In 1954 the average value of all milk and cream sold off farms was \$2.84. Milk purchased by fluid milk distributors for sale as fluid milk in 1960 increased in average value, 6 cents per cwt., but the average value of milk and cream used for manufacturing fell. Milk and cream utilized in the manufacture of creamery butter dropped almost 1 cent per pound butterfat, milk used for cheese-making dropped 28 cents per cwt. from the above-normal level of 1959. Following the \$2.85 per cwt. which was reached in 1959 under the stimulation of a temporarily strong export demand. The utilization of milk for concentrated whole milk products and ice cream mix brought 2 cents less per cwt. to the farmer in 1960 than in 1959. This picture was generally true in Quebec, Ontario, Alberta, and British Columbia but in the other provinces farmers averaged more for their milk in 1960 than in 1959.

Two changes affecting the dairy industry occurred in the federal agricultural stabilization programme during 1960. On April 13, it was announced that the Agricultural Products Marketing Board had been authorized to purchase some quantities of dry whole milk as a means of reducing butter production. It may be observed that creamery butter production during the year declined 2 per cent while the output of whole milk powder increased 120 per cent. The second change affected butter. The

64 cent purchase price (basis delivery Montreal) for the period May 1, 1960 to April 30, 1961, was restricted to First Grade Creamery butter of 40-93 score or higher, and offers were made to purchase butter scoring 32-92 at 63 cents per pound. This had the effect of increasing the output of top score butter.

Support for other dairy products remained unchanged. The 25 cent per cwt. payment for manufacturing milk was continued. The support for First Grade waxed cheddar cheese made in Ontario was held at 32 cents f.o.b. warehouse, and for Quebec cheese 31½ cents basis delivery Montreal.

The production of creamery butter during 1960 amounted to 320 million pounds. Total butter production, including whey butter and butter made on farms amounted to 332 million pounds. Quebec, the largest butter manufacturing province, produced 124 million pounds of creamery butter during the year while 85 million pounds was produced in Ontario. Production in both provinces was down almost 3 per cent from 1959. Ontario was the largest producer of cheddar cheese, producing 66 million pounds in 1960, 4 per cent less than in the previous year. Production in Quebec, on the other hand, at 37 million pounds was 11 per cent higher than in 1959. The total production of cheddar cheese in Canada, at 109 million pounds, was 1 per cent above 1959 production. Ice cream mix production at 20 million gallons was 2 per cent above the high level established in 1959. In previous issues of Dairy Statistics, ice cream data were published in terms of the end product. These ice cream data were obtained by doubling the ice cream mix production reported by manufacturers. Rather than assume overrun to be 100 per cent, it was decided to publish the original mix data except where necessary for historical or per capita consumption comparisons. Production of evaporated milk (317 million pounds), whole milk powder (46 million pounds), and skim milk powder (167 million pounds), were 5 per cent greater, 120 per cent greater, and 5 per cent less, respectively, compared to production in 1959.

The domestic disappearance of creamery butter during 1960, at 288 million pounds or 16.2 pounds per capita, compared to the corresponding figures for 1959, was 5 per cent lower in total and 7 per cent lower per capita. On the other hand, cheddar cheese, consumed as such, at 51 million pounds or

2.8 pounds per capita was 7 per cent higher in total and 4.8 per cent higher per capita than during 1959. Process cheese, which is primarily cheddar cheese in content, increased in consumption, both per capita (4 per cent, to 3.10 pounds) and in total (6 per cent to 55 million pounds). Total domestic disappearance of evaporated milk increased by 4 per cent to 313 million pounds and per capita disappearance 2 per cent to 17.6 pounds. The apparent domestic disappearance of skim milk powder declined 4 per cent to 117 million pounds.

The simple average of wholesale butter price quotations at Montreal declined ¼ of a cent to 63½ cents per pound in 1960. Wholesale Ontario cheddar cheese prices at Kingston and Belleville at 32¾ cents per pound averaged 3⅝ cents per lb. lower than in 1959. The Montreal average wholesale price of evaporated milk rose 12 cents to \$6.40 per case in 1960. Skim Milk powder prices, on the other hand, fell to 9½ cents per pound from 12¾ cents in 1959 for spray process and to 8½ cents per pound from 10½ cents for roller process.

Table 18 shows the production of butter oil testing over 95 per cent fat and made from fresh cream. In past years this table has included butter oil testing 85 per cent fat. Because of the difficulty in distinguishing the lower fat butter oil from butter and because this low fat butter oil was used almost exclusively for making butter it was decided to exclude it from the published butter oil statistics and include it with butter. The high fat butter oil has been used mainly for making ice cream mix. It should be noted that considerable quantities of butter oil were made in 1960 by reprocessing stored butter. The butter taken out of storage for reprocessing was considered in the calculation of butter domestic disappearance estimates.

Margarine statistics are of interest because of the substitution of margarine for butter. Production of margarine in 1960 reached 167 million pounds; stocks at December 31, 4 million pounds. The corresponding figures for creamery butter were, production 320 million pounds, domestic disappearance 288 million pounds and stocks at December 31, 114 million pounds. Per capita domestic disappearance of margarine has risen steadily from 7.7 pounds in 1956 to 9.4 pounds in 1960. Per capita domestic disappearance of creamery butter, on the other hand, has declined steadily from 19.5 pounds in 1956 to 16.2 pounds in 1960.

TABLE 1. Milk Production and Utilization, Canada, by Province, 1957 to 1960

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

Province and year	Used in manufacture		Milk otherwise used			Total milk production
	On farms ¹	In factories	Fluid sales	Farm-home consumed	Fed on farms	
	'000 lb.					
Prince Edward Island:						
1957.....	4,610	157,385	25,472	23,770	16,991	228,228
1958.....	3,814	167,712	26,212	23,840	12,985	234,583
1959.....	2,714	174,120	26,850	22,460	13,486	239,630
1960.....	2,200	159,993	27,339	22,550	13,273	225,355
Nova Scotia:						
1957.....	16,099	154,569	183,249	46,460	14,542	414,919
1958.....	15,327	147,779	182,392	47,460	16,680	409,638
1959.....	15,023	144,447	187,514	47,570	18,900	413,454
1960.....	12,967	124,179	194,244	47,490	19,240	398,140
New Brunswick:						
1957.....	28,454	213,837	150,565	41,590	19,473	453,919
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
Quebec:						
1957.....	36,574	3,703,483	1,644,558	280,200	196,650	5,861,465
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	3,917,818	1,722,536	287,100	219,130	6,170,312
Ontario:						
1957.....	17,948	3,275,351	2,004,073	228,500	214,100	5,737,972
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	3,634,745	2,125,089	222,800	225,900	6,223,804
Manitoba:						
1957.....	38,423	596,874	300,371	98,980	49,200	1,083,848
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	625,044	321,845	95,800	54,720	1,127,127
Saskatchewan:						
1957.....	78,413	654,908	301,246	179,000	53,700	1,267,267
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.....	57,587	698,002	338,730	177,300	65,490	1,337,109
Alberta:						
1957.....	62,244	889,232	340,184	152,600	58,100	1,482,370
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.....	52,556	1,014,312	365,401	146,400	57,110	1,635,779
British Columbia:						
1957.....	10,390	271,377	436,843	32,310	25,120	776,040
1958.....	8,026	283,015	455,862	32,360	28,380	805,643
1959.....	9,618	308,830	462,040	31,820	28,270	840,578
1960.....	9,734	327,889	475,261	32,530	30,670	876,084
Canada:						
1957.....	293,155	9,897,016	5,386,571	1,081,410	647,878	17,306,028
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	18,188,737
1960.....	222,721	10,697,531	5,727,815	1,072,540	712,713	18,433,320

¹ Milk used in farm butter only.

TABLE 2. Milk Equivalents of Dairy Factory Products, Canada, by Province, 1957 to 1960

Province and year	Creamery butter	Cheddar cheese	Other cheese ¹	Concentrated milk products ²	Ice cream mix	Total ³
	'000 lb.					
Prince Edward Island:						
1957	132,491	9,229	—	4	3,043	157,385 ⁴
1958	141,640	8,932	—	4	3,315	167,712 ⁴
1959	137,101	13,090	—	4	3,927	174,120 ⁴
1960	122,546	11,088	—	4	4,284	159,993 ⁴
Nova Scotia:						
1957	117,608	—	—	4	24,718	154,569 ⁴
1958	113,630	—	—	4	24,820	147,779 ⁴
1959	105,066	—	297	4	27,727	144,447 ⁴
1960	84,544	—	—	4	29,784	124,179 ⁴
New Brunswick:						
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
Quebec:						
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	411,576	41,963	397,909	170,748	3,917,818
Ontario:						
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	1,987,643	728,233	89,160	562,754	261,018	3,634,745
Manitoba:						
1957	551,117	13,893	2,173	—	28,730	596,874
1958	623,774	7,623	2,585	4	29,784	664,855 ⁴
1959	599,742	4,235	2,461	4	32,113	639,908 ⁴
1960	579,805	5,357	2,431	4	36,142	625,044 ⁴
Saskatchewan:						
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
Alberta:						
1957	752,567	20,042	143	4	51,561	869,232 ⁴
1958	803,252	17,985	154	4	55,675	924,417 ⁴
1959	803,135	17,347	176	4	56,729	925,322 ⁴
1960	873,662	19,250	363	4	63,308	1,014,312 ⁴
British Columbia:						
1957	67,439	7,601	242	4	65,909	271,377 ⁴
1958	76,752	8,701	407	4	72,012	283,015 ⁴
1959	99,848	7,755	561	4	72,692	308,830 ⁴
1960	116,766	10,494	418	4	73,950	327,889 ⁴
Canada:						
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	7,616,525	1,184,216	123,501	931,163	680,289	10,552,009
1960	7,485,122	1,196,965	134,335	1,169,725	696,320	10,697,531

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

² 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.

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

⁴ The milk equivalent of concentrated whole milk products is excluded to avoid disclosing individual company operations. It is included in the Canada total.

TABLE 3. Farm Sales and Home Use of Milk and Farm Butter, Canada, by Province, 1957 to 1960

Province and year	Used in farm homes		Sold off farms					Total sales in milk equivalent
	Farm butter	Milk consumed	Creamery butter-fat	Cheese milk	Milk for concentration and ice cream mix	Fluid sales	Farm butter	
	*000 lb.							
Prince Edward Island:								
1957	193	23,770	4,643	9,242	15,652	25,472	4	182,951
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	26,850	3	201,039
1960	91	22,550	4,294	11,097	26,350	27,339	3	187,401
Nova Scotia:								
1957	538	46,460	4,121	412	36,549	183,249	150	341,328
1958	529	47,460	3,982	412	33,737	182,392	126	333,120
1959	519	47,570	3,682	757	38,624	187,514	123	334,838
1960	449	47,490	2,963	451	39,184	194,244	106	320,904
New Brunswick:								
1957	875	41,590	6,599	10,588	14,926	150,565	341	372,381
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	806	40,570	5,935	7,820	18,360	157,370	212	357,880
Quebec:								
1957	1,417	280,200	100,152	342,507	502,994	1,644,558	146	5,351,457
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	101,459	453,855	568,657	1,722,536	53	5,641,593
Ontario:								
1957	693	226,500	63,486	798,006	665,670	2,004,073	74	5,281,156
1958	688	227,600	73,351	767,343	652,163	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	69,652	823,330	823,772	2,125,089	56	5,761,147
Manitoba:								
1957	1,591	98,980	19,313	17,027	28,730	300,371	51	698,439
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	20,318	8,784	36,455	321,845	13	947,189
Saskatchewan:								
1957	3,284	179,000	21,715	1,025	34,204	301,246	67	957,721
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	2,435	177,300	22,970	3,795	38,726	338,730	26	1,037,343
Alberta:								
1957	2,805	152,600	26,372	21,406	95,259	340,194	55	1,210,713
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	2,199	146,400	30,616	21,379	119,271	365,401	47	1,380,817
British Columbia:								
1957	372	32,310	2,363	11,645	192,293	436,843	72	709,905
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	4,092	15,853	195,270	475,261	50	804,318
Canada:								
1957	11,568	1,081,410	248,764	1,211,858	1,586,277	5,386,571	960	15,306,051
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	5,621,863	650	16,189,111
1960	8,952	1,072,540	262,299	1,346,364	1,866,045	5,727,815	566	16,438,592

TABLE 4. Utilization of Milk in Percentages of Total Milk Production, Canada, by Province, 1957 to 1960

Province and year	Used in dairy factories				Fluid sales of milk and cream	Used on farms	
	Creamery butter	Cheese	Concentrated milk and ice cream mix	Total		Farm butter	Other purposes ¹
	percentages						
Prince Edward Island:							
1957	58.0	4.1	6.9	69.0	11.2	2.0	17.8
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	54.4	4.9	11.7	71.0	12.1	1.0	15.9
Nova Scotia:							
1957	28.3	0.1	8.8	37.2	44.2	3.9	14.7
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	3.3	16.7
New Brunswick:							
1957	41.5	2.3	3.3	47.1	33.2	6.3	13.4
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
Quebec:							
1957	48.8	5.8	8.6	63.2	28.1	0.6	8.1
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	46.9	7.4	9.2	63.5	27.9	0.4	8.2
Ontario:							
1957	31.6	13.9	11.6	57.1	34.9	0.3	7.7
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	13.3	58.4	34.2	0.2	7.2
Manitoba:							
1957	50.9	1.6	2.6	55.1	27.7	3.5	13.7
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
Saskatchewan:							
1957	48.9	0.1	2.7	51.7	23.8	6.2	18.3
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
Alberta:							
1957	50.8	1.4	6.4	58.6	23.0	4.2	14.2
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
British Columbia:							
1957	8.7	1.5	24.8	35.0	56.3	1.3	7.4
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	13.3	1.8	22.3	37.4	54.3	1.1	7.2
Canada:							
1957	41.0	7.0	9.2	57.2	31.1	1.7	10.0
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	40.6	7.3	10.1	58.0	31.1	1.2	9.7

¹ Milk consumed in farm homes and fed to livestock.

TABLE 5. Cows and Yearling Heifers Kept for Milking, by Province, 1957 to 1960

Province and year	June 1st			December 1st		
	Cows	Percentage milked ¹	Heifers	Cows	Percentage milked ¹	Heifers
	'000 head	%	'000 head	'000 head	%	'000 head
Prince Edward Island:						
1957	43	76.3	10	42	76.8	8
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
Nova Scotia:						
1957	79	75.0	18	76	70.6	16
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
New Brunswick:						
1957	84	78.6	19	81	67.7	17
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
Quebec:						
1957	1,080	82.8	210	1,055	63.3	180
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
Ontario:						
1957	1,012	76.8	258	1,003	64.3	243
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
Manitoba:						
1957	220	73.3	53	215	55.4	48
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
Saskatchewan:						
1957	261	73.5	56	254	57.1	49
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
Alberta:						
1957	280	75.0	56	270	60.2	52
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
British Columbia:						
1957	88	75.3	21	91	75.2	21
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
Canada:						
1957	3,147	77.6	701	3,087	64.0	634
1958	3,129	77.6	687	3,067	63.9	614
1959	3,108	78.5	672	3,072	83.9	627
1960	3,162	78.0	683	3,130	62.8	630

¹ 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 1960

Province and year	Farm cash income						Income in kind ¹	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:								
1957	2,859	201	436	968	2	4,466	731	5,197
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	2,612	247	739	1,069	3	4,869	669	5,538
Nova Scotia:								
1957	2,560	9	988	8,153	86	11,796	1,625	13,421
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	1,950	16	1,097	9,258	64	12,385	1,689	14,074
New Brunswick:								
1957	3,961	258	499	6,831	208	11,757	1,682	13,439
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	3,791	185	603	7,262	135	11,976	1,565	13,541
Quebec:								
1957	63,351	9,698	13,596	67,130	86	153,861	8,485	162,346
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	72,074	12,477	15,584	72,526	34	172,695	9,505	182,200
Ontario:								
1957	38,651	19,872	17,407	84,977	46	160,953	6,054	167,007
1958	46,884	19,142	17,116	88,251	49	171,442	6,554	177,996
1959	50,066	24,157	18,926	91,859	45	185,053	7,319	192,372
1960	48,058	20,393	21,670	94,360	38	184,519	6,963	191,482
Manitoba:								
1957	11,326	440	597	11,322	29	23,714	3,292	27,006
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	12,722	226	1,020	12,723	12	26,703	3,218	29,921
Saskatchewan:								
1957	13,181	23	797	11,781	37	25,819	6,208	32,027
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	14,899	93	939	14,173	13	30,117	6,127	36,244
Alberta:								
1957	16,480	538	2,482	14,381	31	33,912	5,274	39,186
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	20,138	564	3,306	15,610	24	39,842	5,160	46,002
British Columbia:								
1957	1,396	343	7,791	23,974	42	33,546	1,111	34,657
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	2,715	403	5,573	27,061	28	35,781	1,225	37,006
Canada:								
1957	153,765	31,382	44,593	229,517	567	459,824	34,462	494,286
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	179,160	34,604	50,531	254,241	351	518,887	36,121	555,008

¹ Value of milk, cream and farm butter consumed in farm-homes.

TABLE 7. Farm Value of Milk Production, Canada, by Province, 1957 to 1960

Province and year	Used in manufacture		Milk otherwise used			Total milk production
	On farms ¹	In factories	Fluid sales	Farm-home consumed	Fed on farms ²	
	thousands of dollars					
Prince Edward Island:						
1957.....	120	3,496	968	613	919	6,116
1958.....	104	3,889	1,016	641	843	6,493
1959.....	74	4,138	1,054	615	866	6,747
1960.....	59	3,798	1,068	613	806	6,344
Nova Scotia:						
1957.....	392	3,557	8,153	1,319	886	14,307
1958.....	393	3,507	8,501	1,381	929	14,711
1959.....	385	3,509	8,963	1,408	976	15,241
1960.....	333	3,063	9,258	1,420	911	14,985
New Brunswick:						
1957.....	742	4,718	6,831	1,148	1,317	14,756
1958.....	697	5,053	6,861	1,209	1,374	15,194
1959.....	505	4,862	7,084	1,213	1,367	15,031
1960.....	515	4,579	7,262	1,185	1,429	14,970
Quebec:						
1957.....	922	86,645	67,130	7,649	13,905	176,251
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	100,135	72,526	8,900	15,842	198,042
Ontario:						
1957.....	460	75,930	84,977	5,640	9,248	176,255
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	90,121	94,360	6,595	11,604	203,086
Manitoba:						
1957.....	936	12,363	11,322	2,385	3,278	30,284
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	13,968	12,723	2,443	3,534	33,455
Saskatchewan:						
1957.....	1,877	14,001	11,781	4,368	3,505	35,532
1958.....	1,902	16,502	12,643	4,623	3,939	39,609
1959.....	1,828	16,238	13,577	4,561	3,952	39,956
1960.....	1,477	15,931	14,173	4,663	4,274	40,518
Alberia:						
1957.....	1,490	19,500	14,381	3,815	3,984	43,170
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.....	1,348	24,008	15,810	3,836	4,334	49,336
British Columbia:						
1957.....	258	9,530	23,974	895	782	35,439
1958.....	202	10,269	24,740	922	834	36,967
1959.....	238	8,932	26,326	999	991	37,486
1960.....	241	8,692	27,061	1,012	1,080	38,086
Canada:						
1957.....	7,197	229,740	229,517	27,832	37,824	532,110
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.....	5,805	264,295	254,241	30,667	43,814	598,822

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

TABLE 8. Average Farm Value of Milk, Cream and Farm Butter Sold by Farmers, Canada, by Province, 1957 to 1960

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. \$
Prince Edward Island:						
1957	61.6	2.18	2.79	3.90	61	2.44
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	2.23	2.80	4.01	63	2.60
Nova Scotia:						
1957	62.1	—	2.71	4.66	57	3.46
1958	63.8	—	2.84	4.89	60	3.63
1959	65.1	3.74	2.80	5.02	60	3.75
1960	65.8	—	2.80	5.01	60	3.86
New Brunswick:						
1957	60.0	2.43	3.34	4.71	61	3.16
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	3.35
Quebec:						
1957	63.2	2.84	2.70	4.35	59	2.88
1958	69.0	2.89	2.75	4.48	62	3.00
1959	72.5 ¹	2.87	2.75	4.49	63	3.09
1960	71.0 ¹	2.75	2.74	4.50	63	3.06
Ontario:						
1957	60.9	2.49	2.61	4.55	60	3.06
1958	63.9	2.49	2.62	4.65	63	3.09
1959	69.9 ¹	2.86	2.61	4.71	63	3.23
1960	69.0 ¹	2.48	2.63	4.84	63	3.20
Manitoba:						
1957	58.6	2.60	2.08	4.23	57	2.64
1958	62.4	2.51	2.24	4.41	60	2.74
1959	62.9	2.64	2.26	4.39	62	2.78
1960	62.6	2.58	2.80 ²	4.42	62	2.82
Saskatchewan:						
1957	60.7	2.27	2.33	4.20	56	2.70
1958	64.6	2.37	2.33	4.37	58	2.80
1959	65.0	2.39	2.42	4.53	60	2.86
1960	64.9	2.46	2.42	4.52	60	2.90
Alberta:						
1957	62.5	2.51	2.61	4.54	56	2.80
1958	65.9	2.54	2.84	4.61	59	2.91
1959	86.1	2.64	2.79	4.60	60	2.92
1960	65.8	2.64	2.77	4.61	60	2.89
British Columbia:						
1957	59.1	2.96	4.05	5.44	58	4.72
1958	61.1	2.52	4.29	5.38	59	4.74
1959	68.4 ¹	2.68	3.16 ³	5.66	58	4.57
1960	66.4 ¹	2.57	2.85 ³	5.65	58	4.45
Canada:						
1957	61.8	2.59	2.81	4.53	59	3.00
1958	66.1	2.59	2.88	4.63	62	3.09
1959	69.2 ¹	2.85	2.73	4.69	62	3.18
1960	68.3 ¹	2.57	2.71	4.75	62	3.16

¹ Not fully comparable due to change in weighting relative quantities of milk and cream deliveries.² Valuation of the milk equivalent of ice cream mix was changed January 1 from a cream to a milk basis.³ 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 1960

Province and year	Butter				Cheese		Cottage cheese ¹	Ice cream mix production	
	Creamery	Farm	Whey	Total	Cheddar	Other ²			
	'000 lb.								'000 gal.
Prince Edward Island:									
1957	5,662	197	18	5,877	839	—	³	89	
1958	6,053	163	14	6,230	812	—	³	97	
1959	5,859	116	19	5,994	1,190	—	³	115	
1960	5,237	94	18	5,349	1,008	—	³	126	
Nova Scotia:									
1957	5,026	688	—	5,714	—	—	479	727	
1958	4,856	655	—	5,511	—	—	484	730	
1959	4,490	642	—	5,132	—	³	535	816	
1960	3,613	555	—	4,168	—	—	524	876	
New Brunswick:									
1957	8,048	1,216	—	9,264	960	—	³	439	
1958	8,314	1,089	—	9,403	830	—	³	437	
1959	7,831	802	—	8,633	767	—	³	501	
1960	7,238	818	—	8,056	705	—	³	540	
Quebec:									
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	37,416	3,972	1,913	5,022	
Ontario:									
1957	77,422	767	1,885	80,074	65,269	6,835	8,642	6,644	
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	7,858	
1960	84,942	644	2,849	88,235	66,203	8,197	9,169	7,877	
Manitoba:									
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	
Saskatchewan:									
1957	26,482	3,351	—	29,833	52	³	570	1,006	
1958	29,509	3,279	—	32,788	46	³	650	1,060	
1959	28,671	2,713	—	31,384	190	—	698	1,104	
1960	28,012	2,461	—	30,473	292	—	788	1,139	
Alberta:									
1957	32,161	2,660	5	34,826	1,822	³	1,536	1,516	
1958	34,327	2,643	4	36,974	1,635	³	1,663	1,637	
1959	34,322	2,448	5	36,775	1,577	³	1,855	1,669	
1960	37,338	2,248	7	39,589	1,750	³	2,210	1,862	
British Columbia:									
1957	2,882	444	—	3,326	691	³	4,462	1,939	
1958	3,280	343	—	3,623	791	³	4,526	2,118	
1959	4,267	411	—	4,678	705	³	5,885	2,138	
1960	4,990	418	—	5,406	954	³	5,849	2,175	
Canada:									
1957	303,371	12,528	2,248	318,147	99,036	10,083	18,968	17,557	
1958	335,990	11,777	2,137	349,904	91,321	10,408	19,145	18,282	
1959	325,578	10,532	2,722	338,832	107,856	11,464	21,511	20,009	
1960	319,877	9,518	2,965	332,360	108,815	12,476	22,283	20,480	

¹ All varieties made from whole milk and cream except cheddar and process cheese.² Creamed and not creamed.³ Excluded to avoid disclosing individual company operations but included in the Canada total.

TABLE 10. Fluid Sales, Canada, by Province, 1957 to 1960

Province and year	Fluid milk	Fluid cream as milk	Chocolate drink	Skim milk	Buttermilk
	'000 lb.			'000 qt.	
Prince Edward Island:					
1957	22,059	3,413	69	67	10
1958	22,759	3,453	56	85	6
1959	23,444	3,406	56	96	6
1960	23,883	3,456	76	135	7
Nova Scotia:					
1957	161,281	21,968	1,599	2,065	293
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
New Brunswick:					
1957	131,753	18,812	829	354	64
1958	133,112	18,715	882	451	91
1959	137,186	19,074	967	530	91
1960	137,932	19,438	929	740	90
Quebec:					
1957	1,391,470	253,088	5,010	2,440	736
1958	1,406,427	260,157	4,620	3,010	783
1959	1,414,944	267,531	5,524	4,369	820
1960	1,447,788	274,748	5,799	5,953	740
Ontario:					
1957	1,702,478	301,595	15,072	34,935	8,367
1958	1,731,719	309,961	14,796	35,594	7,888
1959	1,787,220	324,150	17,228	36,546	8,655
1960	1,790,478	334,611	16,607	35,905	7,382
Manitoba:					
1957	235,318	65,053	1,275	2,153	1,151
1958	238,864	67,134	1,289	2,190	1,249
1959	241,956	69,583	1,489	1,945	1,200
1960	252,533	69,312	1,672	1,995	1,209
Saskatchewan:					
1957	253,114	48,132	1,613	554	373
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
Alberta:					
1957	287,072	53,122	2,487	1,798	982
1958	294,733	53,670	2,523	2,215	1,064
1959	304,185	56,308	2,590	2,518	1,046
1960	307,604	57,797	2,647	2,759	1,125
British Columbia:					
1957	349,056	87,787	1,733	2,511	1,456
1958	367,092	88,770	2,055	2,700	1,699
1959	367,969	94,071	1,983	2,791	1,574
1960	377,969	97,292	2,186	2,824	1,627
Canada:					
1957	4,533,601	852,970	29,687	46,877	13,432
1958	4,617,827	873,601	29,589	49,237	13,498
1959	4,715,027	906,836	33,506	52,053	14,154
1960	4,793,553	934,262	33,956	53,823	13,014

TABLE 11. Production of Concentrated Milk Products, Canada, 1957 to 1960

Products	1957	1958	1959	1960
Whole milk products:				
Condensed milk	14,730	14,194	14,553	14,420
Case	3,149	2,721	3,296	2,480
Bulk	11,581	11,473	11,257	11,940
Evaporated milk	316,824	305,267	302,697	316,950
Case	303,922	298,349	297,383	303,645
Bulk	12,902	6,918	5,314	13,305
Whole milk powder	23,088	19,713	20,872	45,829
Spray	21,847	19,129	20,401	45,402
Roller	1,241	584	471	427
Partly skimmed evaporated milk	21,888	21,119	21,163	20,178
Other whole milk products ¹	3,577	1,591	3,699	6,948
Milk by-products:				
Condensed skim milk	3,476	3,444	3,814	2,591
Evaporated skim milk	9,184	10,028	7,662	8,640
Skim milk powder	120,710	185,625	176,437	166,819
Spray	78,388	131,509	133,045	116,177
Roller	42,322	54,116	43,392	50,642
Powdered buttermilk	8,100	8,028	7,740	8,179
Casein	4,896	3,430	4,924	8,000
Whey powder	13,037	12,820	16,599	11,037
Other milk by-products ²	548	1,058	3,084	3,876

¹ Malted milk, cream powder, formula milks, whole milk powder of less than 26% fat, evaporated milk of 2% fat, sterilized cream and multi-milk.
² 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, 1957 to 1960

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	89,199
Evaporated whole milk Skim milk powder						
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	28,864

TABLE 13. Exports and Imports of Certain Dairy Products, Canada, 1957 to 1960

Year	Exports					Imports		
	Butter	Cheese	Evaporated milk	Condensed milk	Milk powder		Butter	Cheese
					Whole	Skim		
'000 lb.								
1957	4	8,456	4,649	681	16,435	719	¹	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	18,780	3,264	2	31,729	47,992	11	13,162

¹ Less than 500 pounds.

TABLE 14. Domestic Disappearance of Butter, Cheese and Concentrated Milk Products, Canada, 1957 to 1960

Year	Butter				Cheese ¹			
	Creamery butter	Farm butter	Whey butter	Total butter	Cheddar cheese	Process cheese	Other ² cheese	Total cheese
Domestic disappearance '000 lb.								
1957	321,554	12,528	2,274	336,356	47,452	46,537	18,292	112,281
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	287,783	9,518	2,978	300,279	50,811	55,179	23,921	129,911
Disappearance per capita lb.								
1957	19.38	0.76	0.14	20.28	2.86	2.81	1.10	6.77
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	16.15	0.53	0.17	16.85	2.85	3.10	1.34	7.29
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	19,145
1959	121,302	7,658	3,789	163,669	47,395	34,676	82,071	21,511
1960	116,705	8,648	2,551	157,680	50,811	36,754	87,565	22,283
Disappearance per capita lb.								
1957	5.43	0.55	0.21	7.72	2.86	1.88	4.74	1.14
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	6.55	0.49	0.14	8.85	2.85	2.07	4.92	1.25
Concentrated whole milk products								
	Evaporated milk	Condensed milk	Milk powder	Total whole	Evaporated milk	Condensed milk	Milk powder	Total whole
Domestic disappearance '000 lb.				Disappearance per capita lb.				
1957	302,342	13,952	4,577	345,744	18.23	0.84	0.28	20.84
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	312,831	14,253	9,246 ³	363,895	17.56	0.80	0.52 ³	20.42

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

² "Other cheese" comprises all varieties made from whole milk and cream except cheddar.

³ Increase in apparent domestic disappearance due in part to a lag in export data.

TABLE 15. Domestic Disappearance of Ice Cream and Fluid Milk and Cream, Canada, by Province, 1957 to 1960

Province and year	Per capita			Total	
	Per year		Per day	Ice cream ¹	Fluid milk and cream ²
	Ice cream ¹	Fluid milk and cream ²	Fluid milk and cream ²		
	gal.	pt.	pt.	'000 gal.	'000 pt.
Prince Edward Island:					
1957	1.81	385.59	1.06	179	38,173
1958	1.95	388.00	1.06	195	38,800
1959	2.26	374.75	1.03	231	38,225
1960	2.45	375.48	1.03	252	38,674
Nova Scotia:					
1957	2.07	253.66	0.69	1,454	178,068
1958	2.06	250.96	0.69	1,460	178,180
1959	2.28	254.52	0.70	1,631	182,236
1960	2.42	259.19	0.71	1,752	187,391
New Brunswick:					
1957	1.55	263.64	0.72	878	148,957
1958	1.51	259.80	0.71	874	149,904
1959	1.70	260.10	0.71	1,002	153,458
1960	1.80	255.74	0.70	1,080	153,442
Quebec:					
1957	1.83	313.59	0.86	8,705	1,492,059
1958	1.85	309.53	0.85	9,036	1,512,003
1959	2.03	302.94	0.83	10,128	1,514,399
1960	1.97	305.10	0.83	10,044	1,557,856
Ontario:					
1957	2.36	307.56	0.84	13,289	1,729,124
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	2.52	298.91	0.82	15,354	1,820,067
Manitoba:					
1957	1.97	359.97	0.99	1,690	309,574
1958	2.01	361.93	0.99	1,752	314,875
1959	2.13	361.76	0.99	1,889	320,154
1960	2.36	360.13	0.98	2,126	323,755
Saskatchewan:					
1957	2.29	423.53	1.16	2,012	372,284
1958	2.39	429.21	1.17	2,120	381,140
1959	2.45	429.21	1.17	2,207	387,149
1960	2.50	439.59	1.20	2,278	400,023
Alberta:					
1957	2.61	329.32	0.90	3,033	382,010
1958	2.73	322.60	0.88	3,275	387,444
1959	2.68	313.19	0.86	3,337	389,297
1960	2.90	309.23	0.84	3,724	396,744
British Columbia:					
1957	2.61	254.58	0.67	3,877	363,684
1958	2.74	245.12	0.68	4,236	378,466
1959	2.72	243.84	0.67	4,276	382,836
1960	2.71	245.10	0.67	4,350	393,636
Canada:					
1957	2.12	310.21	0.85	35,117	5,013,933
1958	2.14	307.04	0.84	36,566	5,099,944
1959	2.29	305.01	0.84	40,017	5,183,002
1960	2.30	303.75	0.83	40,960	5,271,588

¹ Ice cream estimated at twice the volume of ice cream mix.² Includes fluid sales together with milk and cream used in farm homes. Data are based on those shown in Table 1 in pounds.

TABLE 16. Domestic Disappearance of Dairy Products in Terms of Milk, Canada, 1957 to 1960

Year	Per capita—lb.			Total—'000 lb.		
	Total milk	Fluid products ¹	Ice cream	Total milk	Fluid products ¹	Ice cream
1957	1,021.57	400.17	35.99	16,776,311	6,467,981	596,989
1958	989.74	396.08	36.45	16,699,945	6,578,928	621,622
1959	955.80	393.46	39.00	16,668,832	6,686,073	680,289
1960	940.46	391.84	39.09	16,573,381	6,800,355	696,320
	Creamery butter	Farm butter	Process cheese ²	Creamery butter	Farm butter	Process cheese ²
1957	453.58	17.67	21.40	7,524,364	293,155	354,899
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	378.03	12.50	23.60	6,734,122	222,721	420,546
	Cheddar cheese	Other cheese ³	Evaporated milk	Cheddar cheese	Other cheese ³	Evaporated milk
1957	31.46	12.75	41.92	521,972	211,542	695,387
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	31.38	15.31	40.39	558,921	272,693	719,511
	Condensed milk	Milk powder	Other products ⁴	Condensed milk	Milk powder	Other products ⁴
1957	1.93	2.21	2.49	32,090	36,616	41,316
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	4.15 ⁵	2.33	32,782	73,968 ⁵	41,442

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

² Milk equivalent of cheddar and other cheese used for processing.

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

⁴ 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.

⁵ Increase in apparent domestic disappearance due in part to a lag in export data.

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Months, 1957 to 1960

Month and year	Creamery butter ¹	Cheddar cheese ²	Whole milk		Skim milk powder		
			Evaporated ³	Powder ⁴	Spray ⁵	Roller ⁶	Feed ⁷
	per lb. ¢	per lb. ¢	per case \$	per lb. ¢	per lb. ¢	per lb. ¢	per lb. ¢
January:							
1957	58	35½	6.00	36½	17	13	9
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
February:							
1957	58	35½	6.00	37½	17	13½	9
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
March:							
1957	58	35½	6.00	38	17	14	9
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
April:							
1957	58	35½	6.00	39	18	15	10
1958	82¼	34¾	6.20	41	17¼	14	8¼
1959	83¼	35½	6.35	40	15	12	9
1960	63½	32	6.40	38½	9	8	7½
May:							
1957	58	35½	6.00	39	18	15	10
1958	62¼	34¾	6.20	41	15½	12¼	8
1959	63¼	34	6.35	40	12	9	7½
1960	63	32	6.40	38½	9	8	7½
June:							
1957	58	35½	6.20	40	18	15	10
1958	62¼	34¾	6.20	41	15½	12¼	7¼
1959	63¼	36	6.15	40	10½	8½	7½
1960	63	33¼	6.40	38½	9	8	7
July:							
1957	59	35½	6.20	40	18	15	9½
1958	63½	35½	6.20	40	15½	12¼	7¼
1959	63¼	37¼	6.15	40	10½	8½	7½
1960	63	33½	6.40	38	9	8	7
August:							
1957	60	35½	6.20	40	18	14½	9
1958	63½	35½	6.20	40	15	12	7¼
1959	63¼	37¼	6.15	40	10½	8½	7½
1960	63	33¼	6.40	38	9	8	7½
September:							
1957	61¼	35½	6.20	40	17½	14½	8½
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
October:							
1957	61½	35½	6.20	41	17½	14½	8¼
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

See footnotes at end of table.

TABLE 17. Average Wholesale Prices for Certain Dairy Products at Montreal, by Months, 1957 to 1960 - Concluded

Month and year	Creamery butter ¹ per lb. ¢	Cheddar cheese ² per lb. ¢	Whole milk		Skim milk powder		
			Evaporated ³ per case \$	Powder ⁴ per lb. ¢	Spray ⁵ per lb. ¢	Roller ⁵ per lb. ¢	Feed ⁵ per lb. ¢
November:							
1957	62	35½	6.20	41	17½	14½	8½
1958	83½	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
December:							
1957	62½	35	6.20	41	17¼	14	8½
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
Yearly average:							
1957	59½	35½	6.12	39½	17½	14½	9½
1958	63½	35	6.20	40½	15½	12¾	8
1959	63½	36½	6.28	39½	12½	10¼	8½
1960	63½	32¼	6.40	38¼	9½	8½	7½

¹ 1st Gr. Solids.² Ontario coloured. Prices for 1959 and 1960 at Kingston and Belleville³ Cases (48/16's).⁴ Spray 26% (Bbls.).⁵ Bags.

TABLE 18. Production of Butter Oil, Canada, by Months, 1957 to 1960

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

Month	1957	1958	1959	1960
	pounds			
January	15,124	3,077	124,399	92,450
February	1,026	150	202,525	100,355
March	87,154	14,380	137,798	189,277
April	47,688	44,018	107,811	101,016
May	177,064	39,272	73,953	55,130
June	156,132	79,514	156,797	74,024
July	58,801	158,045	294,307	122,061
August	22,706	137,464	308,296	114,201
September	8,207	170,185	167,700	54,041
October	10,280	64,818	182,724	16,850
November	4,727	38,261	172,178	54,776
December	5,493	173,820	55,247	28,295
Totals	594,402	923,004	1,983,735	1,002,476

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 ¹	Fluid per pound product
Butter (creamery and farm)	82.0	23.4 lb. milk
Cheese (cheddar and other factory cheese made from whole milk)	38.0	11.0 " "
Cream cheese	36.0	10.3 " "
Cottage cheese (creamed)	3.0	0.86 " "
Ice cream (gallons)	²	17.0 " " ²
Ice cream mix (gallons)	²	34.0 " " ²
Condensed milk	8.0	2.3 " "
Evaporated milk	8.0	2.3 " "
Partly skimmed evaporated milk	4.0	1.14 " "
Evaporated milk of 2% fat	2.0	0.57 " "
Whole milk powder	28.0	8.0 " "
Cream powder	73.5	21.0 " "
Malted milk	8.7	2.5 " "
Condensed skim milk	—	3.0 " skim milk
Evaporated skim milk	—	3.0 " "
Skim milk powder	—	11.0 " "
Casein	—	33.0 " "
Cottage cheese	—	7.0 " "
Condensed buttermilk	—	3.0 " buttermilk
Buttermilk powder	—	12.0 " "
Lactose (sugar of milk)	—	22.0 " whey
Whey powder	—	20.0 " "

¹ Butter-fat is converted to milk testing 3.5 per cent.

² Pounds of milk per gallon. Ice cream, which has approximately twice the volume of ice cream mix, is converted to milk on the basis of 0.6 pounds butter-fat per gallon of ice cream.

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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