

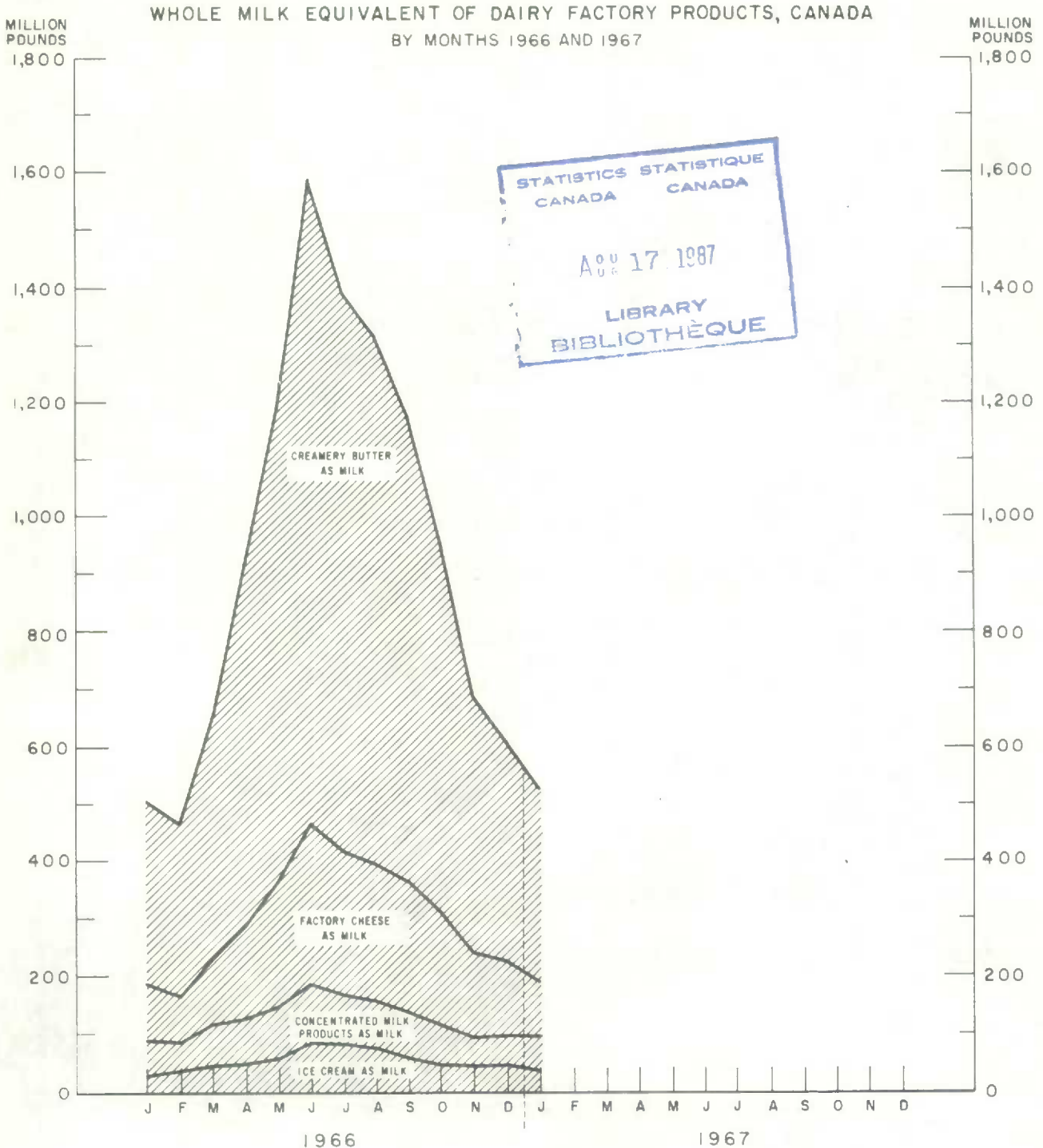


THE DAIRY REVIEW

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PRELIMINARY INDICATIONS OF THE DAIRY SITUATION, FEBRUARY, 1967

The preliminary estimate of milk produced in February is 999,000,000 pounds. This is 0.5 per cent higher than production in the same month last year and would make the total estimate of production during the first two months of the year 2,086,000,000 pounds. This is 1.6 per cent above production in the January-February period a year ago.

Slightly over 47 per cent of the milk produced in February, or 471,000,000 pounds, was used for dairy factory products. This was 1.1 per cent above factory utilization in February, 1966. Creamery butter production during the month accounted for 306,000,000 pounds of milk, 0.6 per cent more than in February a year ago, while milk used in the manufacture of ice cream mix advanced 33.4 per cent. The decline in the use of butter for the manufacture of ice cream mix is reflected in the increased use of milk for that product. Approximately 4.8 and 6.1 per cent less milk was used for factory cheese and concentrated whole milk products, respectively, than in February, 1965. During January and February, 3.0 per cent more milk was utilized for dairy factory products than in the corresponding period a year ago.

TABLE 1. Preliminary Estimates of Milk Equivalent of Dairy Factory Products, February and January to February, 1966 and 1967

Product	February			January - February		
	1966	1967	Percentage change	1966	1967	Percentage change
	'000 lb.		%	'000 lb.		%
Creamery butter	304,573	306,376	+ 0.6	623,283	644,319	+ 3.4
Factory cheese	75,716	72,113	- 4.8	171,489	168,043	- 2.0
Concentrated whole milk products	54,951	51,588	- 6.1	114,690	108,415	- 5.5
Ice cream mix	30,738	41,012	+ 33.4	60,424	78,368	+ 29.7
Totals	465,978	471,089	+ 1.1	969,886	999,145	+ 3.0

Fluid sales of milk and cream during February, for the purpose of the preliminary estimate, are calculated at 416,400,000 pounds, an increase of 0.9 per cent over fluid sales in February, 1966. This assumes the same relationship to year-earlier estimates as for the November-January period.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 0.8 per cent below the quantity used in February, 1966, while milk used for livestock feeding was 5.9 per cent below that of a year ago. Reports from farm dairy correspondents participating in the survey, indicate 0.5 per cent fewer cows kept on farms at February 15, and 0.4 per cent less cows being milked than at the same date last year. Milk production per cow, for cows milked on farms in the sample, increased 2.1 per cent above the level at February 15, 1966.

FARM MILK PRODUCTION, UTILIZATION AND CASH RECEIPTS IN JANUARY, 1967

Farm Milk Production: The estimated quantity of milk produced on farms in January amounted to 1,087 million pounds, an increase of 28 million pounds or 2.6 per cent over that of January, 1966. Of this amount, 528 million pounds or 49 per cent was utilized in factory production, and approximately 438 million pounds or 40 per cent was used for fluid sales.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 438 million pounds in January, an increase of approximately 6 million pounds in comparison with January of the previous year. This included about 375 million pounds of fluid milk, comprising about 34 per cent of the farm milk supply, and fluid cream sales of 63 million pounds representing 6 per cent.

Farm Butter: Butter made on farms in January amounted to 238,000 pounds, decreasing 8 per cent from the corresponding month in 1966.

Farm Cash Receipts: Cash receipts from the sale of dairy products in January amounted to \$37,688,000. This represented an increase of 7.0 per cent or \$2,468,000 in comparison with the same month last year. The weighted average value of \$3.90 per hundred pounds of milk was 14 cents higher than in January, 1966. Fluid milk at \$5.55 per hundred was 46 cents higher than in January, 1966. Creamery butterfat decreased from 77.4 cents to 74.4 cents per pound and farm butter at 60 cents per pound was 3 cents higher than in January, 1966. Milk used in manufacture averaged \$3.19 per hundred, 4 cents higher than in January, 1966. Cheese milk decreased to \$3.21 per hundred, a decrease of 11 cents per hundred in comparison with the same month a year earlier.

Estimates of farm cash receipts from the sale of dairy products, as set forth in this report, include the basic plant paying price less haulage and, where applicable, quality premiums, bonuses, patronage dividends and those government subsidies which have been paid indirectly through plants as part of the plant price. They do not include government payments made direct to farmers by government cheque, nor do they reflect any allowance for costs incurred by farmers in the production of dairy products.

Direct Federal payments during the 1965-66 dairy year commenced in August and amounted to approximately 20 cents per hundred pounds for manufacturing milk and cream. Commencing on April 1, 1966 these payments were increased to 75 cents per hundred pounds for 3.5 per cent processing milk or the equivalent of 21.43 cents per pound for butterfat or cream. On April 1, 1966 the Quebec government started to make direct payments to farmers which consisted of 5 cents per pound fat for the period April to September inclusive and 10 cents per pound for the months October 1966 to March 1967. Effective from October 1, 1966 to March 31, 1967, Ontario producers also receive 25 cents a hundred on all industrial or manufactured milk, basis 3.5 per cent milk fat, and 25 cents a hundred on all secondary and excess milk delivered to the dairy, as well as 10 cents per pound fat on all cream grading Special and First Grade.

PRODUCTION AND PRICES OF DAIRY PRODUCTS IN JANUARY, 1967

Creamery Butter

Production: Creamery butter production amounted to 14.4 million pounds in January 1967, an increase of approximately 0.8 million pounds as compared to production in the same month of the previous year.

Stocks: Combined holdings of creamery butter and butter oil (in butter equivalent) in store and transit on February 1, 1967, amounted to 49.9 million pounds, approximately 13.1 million pounds lower than at February 1 last year. On January 1, 1967, stock holdings at 61.0 million pounds were 14.9 million pounds less than at the same date a year earlier.

Supply: The combined quantity of creamery butter and butter oil represented by stocks on January 1, plus production and imports during the month, amounted to 75.4 million pounds of butter at January 31, 1967. This was a decrease of approximately 14.0 million pounds compared to the corresponding supply figure at January 31, 1966.

Domestic Disappearance: The combined domestic disappearance of creamery butter and butter oil in January amounted to 25.5 million pounds of butter, a decrease of 0.9 million pounds or 3.4 per cent less than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.26 pounds as compared with 1.32 pounds in January, 1966.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 61 cents per pound in January, as against 56 7/8 cents in January, 1966.

Cheddar Cheese

Production: Cheddar cheese production in January amounted to approximately 6.7 million pounds, a decrease of about 89 thousand pounds compared to production in the same month of the previous year.

Prices: The Belleville price of Ontario coloured cheese averaged 43 1/4 cents per pound in January. The comparative price in 1966 was 41 3/4 cents.

Ice Cream Mix

The quantity of ice cream mix manufactured in January was approximately 1.4 million gallons or 7 thousand gallons more than that produced a year ago.

TABLE 2. Milk Production and Utilization, by Province, January, 1966 and 1967

Province and year	Total milk production	Utilization				
		Factory products	Farm butter	Farm-home consumed	Fed to livestock	Fluid sales
thousand pounds						
P.E.I. 1966	10,399	6,676	70	1,600	331	1,722
1967	10,909	7,194	70	1,560	391	1,694
N.S. 1966	26,090	7,105	211	1,970	721	16,083
1967	26,144	7,127	187	1,870	728	16,232
N.B. 1966	20,441	4,812	257	1,740	518	13,114
1967	20,366	4,975	234	1,600	452	13,105
Que. 1966	271,764	124,932	468	15,300	9,090	121,974
1967	291,326	141,592	421	16,600	8,780	123,933
Ont. 1966	447,904	239,149	632	15,400	20,900	171,823
1967	449,444	239,416	515	14,900	21,400	173,213
Man. 1966	57,809	25,837	679	6,460	3,880	20,953
1967	58,050	26,598	538	6,580	3,850	20,484
Sask. 1966	54,645	20,363	1,615	11,300	4,980	16,387
1967	53,257	19,594	1,662	11,000	4,250	16,751
Alta. 1966	101,546	51,232	1,895	10,400	8,190	29,829
1967	108,063	58,506	1,708	10,300	7,430	30,119
B.C. 1966	68,545	23,802	234	1,810	2,290	40,409
1967	69,463	23,054	234	1,720	1,920	42,535
Totals .. 1966	1,059,143	503,908	6,061	65,980	50,900	432,294
1967	1,087,022	528,056	5,569	66,130	49,201	438,066

TABLE 3. Milk Equivalent of Factory Products and Fluid Sales, by Province, January, 1966 and 1967

Province and year	Creamery butter	Cheese(1)	Concentrated whole milk products and ice cream mix(2)	Fluid milk	Fluid cream
	thousand pounds of milk				
P.E.I. 1966	4,774	539	1,363	1,540	182
1967	4,399	880	1,915	1,526	168
N.S. 1966	4,727	—	2,378	14,418	1,665
1967	4,025	1,408	1,694	14,385	1,847
N.B. 1966	3,861	242	709	11,701	1,413
1967	3,697	154	1,124	11,811	1,294
Que. 1966	68,656	38,843	17,433	104,100	17,874
1967	84,427	37,893	19,272	105,905	18,028
Ont. 1966	143,372	52,539	43,238	147,466	24,357
1967	148,731	50,753	39,932	150,005	23,208
Man. 1966	23,470	783	1,584	16,678	4,275
1967	23,260	1,322	2,016	16,483	4,001
Sask. 1966	20,101	—	262	14,003	2,384
1967	19,305	—	289	14,363	2,388
Alta. 1966	42,401	1,551	7,280	24,374	5,455
1967	44,413	2,090	12,003	24,995	5,124
B.C. 1966	7,348	1,276	15,178	33,334	7,075
1967	5,686	1,430	15,938	35,262	7,273
Totals ... 1966	318,710	95,773	89,425	367,614	64,680
1967	337,943	95,930	94,183	374,735	63,331

(1) Includes the milk equivalent of cheddar and other factory cheese made from whole milk and cream.

(2) Combined to avoid disclosing individual company operations.

TABLE 4. Milk Utilization: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, January, 1967

Province	Used in manufacture				Used for fluid sales	Used on farms		
	Creamery butter	Cheese	Conc. milk and ice cream mix	Total		For farm butter	In farm homes	Pail fed to animals
	percentages							
P.E.I.	40	8	18	66	15	1	14	4
N.S.	15	5	7	27	62	1	7	3
N.B.	18	1	6	25	64	1	8	2
Que.	29	13	7	49	42	—	6	3
Ont.	33	11	9	53	39	—	3	5
Man.	40	2	4	46	35	1	11	7
Sask.	36	—	1	37	31	3	21	8
Alta.	41	2	11	54	28	2	9	7
B.C.	8	2	23	33	61	—	3	3
Canada ..	31	9	9	49	40	—	6	5

TABLE 5. Butter Made on Farms, by Province, January 1962 to 1967

Province	January					
	1967	1966	1965	1964	1963	1962
	'000 lbs.					
P.E.I.	3	3	2	4	4	3
N.S.	8	9	10	11	16	19
N.B.	10	11	12	17	20	24
Que.	18	20	20	27	54	51
Ont.	22	27	25	39	37	42
Man.	23	29	36	55	64	88
Sask.	71	69	93	121	143	199
Alta.	73	81	82	120	129	143
B.C.	10	10	10	11	17	15
Totals ..	238	259	290	405	484	584

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

A. Cows Milked: Percentage of Total Milk Cows, by Province, December, 1965 and 1966 January and February, 1966 and 1967

Province	December		January		February	
	1966	1965	1967	1966	1967	1966
percentages						
P.E.I.	69.2	69.8	57.9	56.2	49.9	47.3
N.S.	68.8	69.1	67.6	66.2	66.9	66.4
N.B.	61.6	63.7	55.0	56.9	50.6	52.6
Que.	62.6	58.1	46.0	42.2	37.2	36.1
Ont.	68.0	66.6	63.4	63.3	60.2	60.7
Man.	54.5	52.2	53.1	53.4	53.4	55.4
Sask.	52.8	51.8	51.9	50.8	52.2	50.7
Alta.	59.5	58.1	59.5	57.1	57.6	58.3
B.C.	74.4	73.9	72.2	73.3	72.9	72.6
Canada ..	63.7	61.1	55.3	53.5	50.5	50.4

B. Milk Production Per Cow: Daily Averages for All Cows and for Cows Milked, by Province, January, 1967 and February, 1966 and 1967

Province	All cows			Cows milked		
	January 1967	February 1967	February 1966	January 1967	February 1967	February 1966
pounds						
P.E.I.	12.1	11.8	11.1	20.8	23.6	23.5
N.S.	16.8	16.9	17.2	24.8	25.2	26.0
N.B.	12.8	12.5	12.6	23.4	24.7	23.9
Que.	10.0	9.4	9.0	21.7	25.1	24.9
Ont.	19.4	19.4	19.2	30.6	32.2	31.7
Man.	15.0	16.5	15.9	28.4	30.9	28.8
Sask.	14.3	15.0	14.2	27.6	28.8	28.0
Alta.	17.0	17.5	16.7	28.6	30.3	28.6
B.C.	24.7	24.8	23.3	34.2	34.1	32.2
Canada ..	15.4	15.2	14.8	27.3	29.3	28.7

TABLE 7. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, by Province, January, 1966 and 1967(1)

Province and year	Creamery butter-fat	Cheese milk	Milk for ice cream mix and concentration	Fluid cream	Fluid milk	Farm butter	Total
thousand dollars							
P.E.I. 1966	120	16	40	6	67	--	249
1967	102	28	60	5	72	--	267
N.S. 1966	112	—	62	48	764	1	987
1967	86	41	52	58	839	1	1,077
N.B. 1966	94	7	24	47	589	2	763
1967	82	5	41	47	652	2	829
Que. 1966	2,233	1,302	577	475	5,028	1	9,616
1967	2,397	1,149	617	525	5,602	1	10,291
Ont. 1966	3,812	1,744	1,369	665	7,506	1	15,097
1967	3,970	1,700	1,276	710	8,400	1	16,057
Man. 1966	534	23	50	98	805	1	1,511
1967	489	41	73	114	858	--	1,575
Sask. 1966	468	—	7	60	745	1	1,281
1967	421	—	7	59	819	1	1,307
Alta. 1966	986	49	222	159	1,192	1	2,609
1967	998	65	358	137	1,342	1	2,901
B.C. 1966	180	40	462	424	2,000	1	3,107
1967	162	47	524	453	2,197	1	3,384
Totals .. 1966	8,539	3,181	2,813	1,982	18,696	9	35,220
1967	8,707	3,076	3,008	2,108	20,781	8	37,688

(1) See paragraph 5, page 4, re farm cash receipts.

TABLE 8. Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, January, 1966 and 1967(1)

Province and year	Creamery butter-fat	Cheese milk (2)	Milk for ice cream mix and concentration	Fluid milk	Farm butter	Average of total sales
	per lb. ¢	per cwt. \$	per cwt. \$	per cwt. \$	per lb. ¢	\$ per cwt. of milk
P.E.I. 1966	73.0	2.95	2.97	4.35	59	2.96
1967	67.0	3.13	3.13	4.72	61	3.00
N.S. 1966	68.0	—	2.63	5.30	56	4.25
1967	62.0	2.94	3.12	5.83	57	4.61
N.B. 1966	70.0	2.71	3.34	5.03	59	4.24
1967	64.0	2.95	3.64	5.52	63	4.57
Que. 1966	94.0(3)	3.35	3.31	4.83	57	3.89
1967	82.0(3)	3.03	3.20	5.29	62	3.88
Ont. 1966	76.8(3)	3.32	3.17	5.09	57	3.67
1967	77.1(3)	3.35	3.20	5.60	61	3.89
Man. 1966	65.8	2.86	3.14	4.83	58	3.23
1967	60.8	3.12	3.64	5.21	61	3.35
Sask. 1966	67.3	—	2.52	5.32	56	3.48
1967	63.0	—	2.45	5.70	60	3.59
Alta. 1966	67.2	3.18	3.04	4.89	56	3.22
1967	64.9	3.14	2.98	5.37	59	3.27
B.C. 1966	70.8(4)	3.12	3.04	6.00	54	4.84
1967	82.2(4)	3.25	3.29	6.23	54	5.16
Canada .. 1966	77.4	3.32	3.15	5.09	57	3.76
1967	74.4	3.21	3.19	5.55	60	3.90

(1) See paragraph 5, page 4, re farm cash receipts.

(2) Includes the milk equivalent of cheddar and other factory cheese made from whole milk and cream.

(3) Not fully comparable to other provinces, weighted according to relative quantities of milk and cream deliveries.

(4) Based on Class III accounting value.

TABLE 9. Creamery Butter: Domestic Disappearance for January and January to December 1958 to 1967

Year	January		January to December	
	Total	Per capita	Total	Per capita
	'000 lb.	lb.	'000 lb.	lb.
1958	24,504	1.43	312,255	18.28
1959	23,920	1.37	303,059	17.33
1960	19,832	1.11	289,889	16.22
1961	21,877	1.20	288,309	15.81
1962	21,555	1.16	320,752	17.27
1963	26,673	1.41	351,342	18.56
1964	26,690	1.39	357,323	18.54
1965	25,263	1.29	356,201	18.18
1966	26,353	1.32(1)	348,304	17.46(1)
1967	25,459	1.26(1)	—	—

(1) Population estimated at 19,952,000 for July 1, 1966, and 20,130,000 for January 1, 1967, unofficial.

TABLE 10. Cheese, Supply and Disposition, Canada, January, 1963 to 1967

Year	Stocks beginning	Production	Imports(1)	Exports(1)	Stocks end	Domestic disappearance
						January
'000 lb.						
Cheddar cheese						
1963.....	51,458	4,489	—	1,616	46,258	8,073
1964.....	57,720	4,966	—	670	53,731	8,285
1965.....	58,466	5,464	—	2,082	54,256	7,592
1966.....	65,525	6,834	—	2,785	64,827	4,747
1967.....	79,864	6,745	—	133	75,861	10,615
Process cheese						
1963.....	4,232	5,596	—	18	5,099	4,711
1964.....	6,365	4,997	—	7	6,597	4,758
1965.....	5,781	5,521	—	15	5,833	5,454
1966.....	5,661	5,546	174	28	6,269	5,084
1967.....	7,377	6,163	(2)	246	7,321	5,973
Other cheese (hard and soft varieties)						
1966.....	4,279	1,903	946	4	4,039	3,085
1967.....	5,210	1,997	(2)	24	5,492	1,691

(1) Data for 1967 are preliminary and subject to revision.

(2) Not yet available.

TABLE 11. Principal Concentrated Milk Products, Supply and Disposition, Canada, January 1963 to 1967

Year	Stocks beginning	Production	Imports ⁽¹⁾	Exports ⁽¹⁾	Stocks end	Domestic disappearance
						January
'000 lb.						
Evaporated whole milk						
1963	41,164	17,952	—	276	32,135	26,705
1964	41,897	19,377	—	604	33,202	27,468
1965	35,965	15,800	—	382	27,749	23,634
1966	39,814	19,616	—	656	32,111	26,663
1967	41,041	19,845	—	491	29,680	30,715
Partly skimmed evaporated milk						
1963	2,159	1,359	—	—	1,872	1,646
1964	1,785	1,319	—	—	1,550	1,554
1965	2,222	1,697	—	—	2,562	1,357
1966	1,647	1,441	—	—	1,657	1,431
1967	1,388	1,190	—	—	1,204	1,374
Condensed whole milk						
1963	1,196	1,627	—	—	1,202	1,621
1964	736	1,542	—	—	779	1,499
1965	770	1,319	—	—	949	1,140
1966	883	1,687	—	—	875	1,695
1967	1,319	2,150	—	—	1,277	2,192
Whole milk powder						
1963	3,109	1,912	—	2	3,220	1,799
1964	2,738	1,676	—	2,187	2,283	(2)
1965	3,643	1,526	—	658	4,493	18
1966	2,097	791	—	804	1,967	117
1967	1,821	361	—	90	1,881	211
Skim milk powder						
1963	53,513	8,705	—	3,373	39,107	19,738
1964	20,994	8,425	—	2,166	17,933	9,320
1965	28,496	8,833	—	4,647	24,659	8,023
1966	25,501	9,511	—	7,410	20,781	6,821
1967	56,063	12,642	—	21,546	46,122	1,037(3)
Casein						
1963	2,567	830	19	1,485	1,525	406
1964	1,551	402	47	1,039	975	(2)
1965	1,669	553	17	1,020	1,394	(2)
1966	3,462	602	9	614	3,187	272
1967	4,215	648	(4)	(4)	2,932	1,931

(1) Data for 1967 are preliminary and subject to revision.

(2) Disappearance for the month cannot be estimated because month-end stocks and exports (with inevitable lag) exceed total supply.

(3) Due to lagged reporting of export data, disappearance probably under-estimated.

(4) Not yet available.

TABLE 12. Ice Cream: Production of Hard and Soft Types, by Province, February and Cumulative January and February, 1966 and 1967

Province and year	Hard ice cream		Soft ice cream		Total ice cream	
	February	Jan.-Feb.	February	Jan.-Feb.	February	Jan.-Feb.
	thousand gallons					
P.E.I. 1966	17	34	(1)	(1)	17	34
1967	19	43	(1)	(1)	19	43
N.S. 1966	123	253	4	5	127	258
1967	143	265	3	4	146	269
N.B. 1966	82	156	(1)	(1)	82	156
1967	82	167	(1)	(1)	82	167
Que. 1966	713	1,431	9	13	722	1,444
1967	800	1,518	9	16	809	1,534
Ont. 1966	996	2,053	10	17	1,006	2,070
1967	1,097	2,101	6	12	1,103	2,113
Man. 1966	168	330	4	7	172	337
1967	161	324	4	8	165	332
Sask. 1966	123	223	4	5	127	228
1967	138	253	6	8	144	261
Alta. 1966	329	647	18	25	347	672
1967	375	680	22	36	397	716
B.C. 1966	303	576	43	55	346	631
1967	307	601	26	44	333	645
Totals .. 1966	2,854	5,703	92	127	2,946	5,830
1967	3,122	5,952	76	128	3,198	6,080

(1) Less than 500 gallons.

TABLE 13. Production of Other Products in Ice Cream Industry, Canada, February and Cumulative January and February, 1966 and 1967

Year	Milkshake mix		Sherbet		Water ices		Ice milk	
	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.
	thousand gallons							
1966	30.8	58.5	44.6	85.3	70.1	116.6	67.2	119.4
1967	36.9	73.2	44.1	87.6	111.9	162.3	79.6	134.4

TABLE 14. Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, February, 1967(1)

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

Province and classification	Domestic sales of skim milk powder			
	Total reported	Range of reported prices(2)	Weighted average selling price F.O.B. plant (net)	Price range of "bulk of sales"
	'000 lb.	¢ per lb.	¢ per lb.	¢ per lb.
Quebec:				
Spray	6,384	12.3 - 20.8	17.96	17.6 - 18.0
Roller	407	11.8 - 17.3	15.34	15.1 - 15.5
Feed	153	4.3 - 15.8	11.84	15.1 - 15.5
Ontario:				
Spray	4,574	15.3 - 21.3	18.07	18.1 - 18.5
Roller	780	14.3 - 16.8	16.29	16.6 - 17.0
Feed	237	4.8 - 15.8	14.49	14.1 - 14.5

(1) At time of publication reports had not been received from 4 of 66 plants listed as producing in Quebec and Ontario, therefore, the table should not be interpreted as covering total sales in these provinces.

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

Livestock and Animal Products Section, Agriculture Division

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