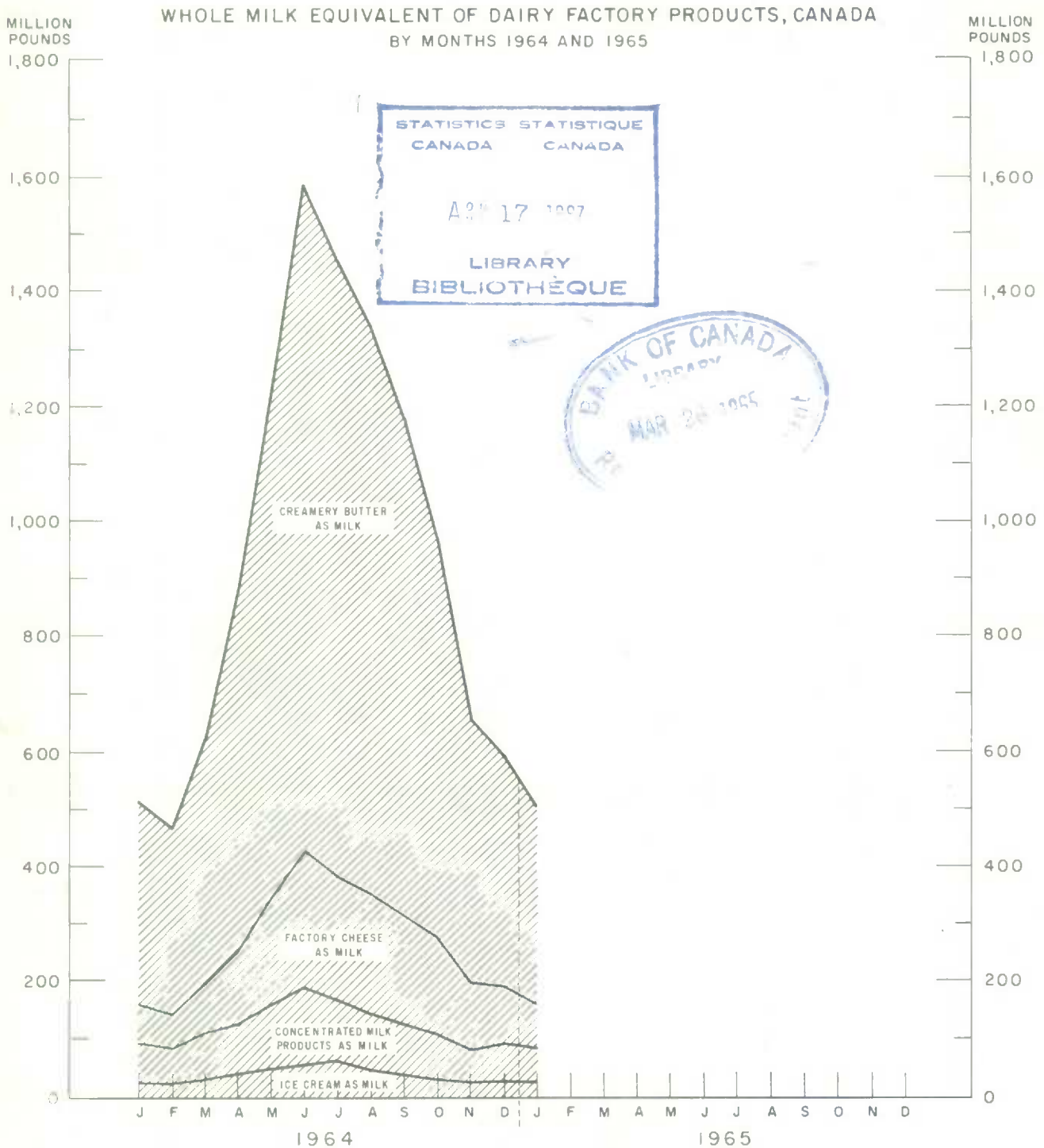


# THE DAIRY REVIEW

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FEBRUARY 1965

Price: \$ 2.00 per year



PRELIMINARY INDICATIONS OF THE DAIRY SITUATION, FEBRUARY, 1965

The preliminary estimate of milk produced in February is 1,004,000,000 pounds. This is 1.8 per cent lower than production in the same month last year and would make the total estimate of production during the first two months of the year 2,069,000,000 pounds. This is 1.6 per cent below production in the January-February period a year ago.

Almost 46 per cent of the milk produced in February, or 457,000,000 pounds, was used for dairy factory products. This was 2.1 per cent below factory utilization in February, 1964. Creamery butter production during the month accounted for 305,000,000 pounds of milk, 5.8 per cent less than in February a year ago, while milk used in the manufacture of concentrated whole milk products declined 4.5 per cent. Approximately 17.0 and 8.4 per cent more milk was used for factory cheese and ice cream mix, respectively, than in February, 1964. During January and February, 2.3 per cent less 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, 1964 and 1965.

Product	February			January - February		
	1964	1965	Percentage change	1964	1965	Percentage change
	'000 lb.		%	'000 lb.		%
Creamery butter....	324,299	305,464	- 5.8	679,231	648,953	- 4.5
Factory cheese.....	55,868	65,357	+17.0	122,220	138,498	+13.3
Concentrated whole milk products.....	60,189	57,462	- 4.5	126,738	113,840	-10.2
Ice cream mix.....	26,603	28,831	+ 8.4	54,425	58,650	+ 7.8
Totals	466,959	457,114	- 2.1	982,614	959,941	- 2.3

Fluid sales of milk and cream during February, for the purpose of the preliminary estimate, are calculated at 419,600,000 pounds, an increase of 0.9 per cent over fluid sales in February, 1964. 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 8.1 per cent below the quantity used in February, 1964, while milk used for livestock feeding was 7.3 per cent below that of a year ago. February is the seasonal low point for cows being milked and according to reports lower this year than normal. Although total cow numbers were down only fractionally from last year, 4 per cent less cows were being milked at February 15. This decrease was partially offset by an increase in milk production per cow.

FARM MILK PRODUCTION, UTILIZATION AND INCOME IN JANUARY, 1965.

**Farm Milk Production:** The estimated quantity of milk produced on farms in January amounted to 1,065 million pounds, a decrease of 15 million pounds or 1.4 per cent below that of January, 1964. Of this amount, 503 million pounds or 47 per cent was utilized in factory production, and approximately 427 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 427 million pounds in January, an increase of approximately 6 million pounds in comparison with January of the previous year. This included about 362 million pounds of fluid milk, comprising about 34 per cent of the farm milk supply, and fluid cream sales of 65 million pounds representing 6 per cent.

**Farm Butter:** Butter made on farms in January amounted to 289,000 pounds, decreasing 29 per cent from the corresponding month in 1964.

**Farm Cash Income:** Cash income from the sale of dairy products in January amounted to \$33,263,000. This represented an increase of 2.6 per cent or \$832,000 in comparison with the same month last year. The weighted average value of \$3.58 per hundred pounds of milk was 12 cents higher than in January, 1964. Fluid milk at \$5.01 per hundred was 13 cents higher than in January, 1964. Creamery butter-fat increased from 69.9 cents to 71.7 cents per pound, and farm butter at 57 cents per pound was the same as in January, 1964. Milk used in manufacture averaged \$2.92 per hundred, 5 cents higher than in January, 1964. Cheese milk increased to \$3.04 per hundred, an increase of 16 cents per hundred in comparison with the same month a year earlier.

Farm cash income estimates cover all money received by farmers for the sale of milk, cream and farm butter, including government subsidies and bonuses where applicable. The estimates, however, do not make any allowances for costs incurred by farmers in the production of dairy products.

PRODUCTION AND PRICES OF DAIRY PRODUCTS IN JANUARY, 1965.

Creamery Butter:

Production: Creamery butter production amounted to 14.7 million pounds in January 1965, a decrease of approximately 489 thousand 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, 1965, amounted to 89.8 million pounds, approximately 114.6 million pounds lower than at February 1 last year. On January 1, 1965, stock holdings at 100.4 million pounds were 118.9 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 115.0 million pounds of butter at January 31, 1965. This was a decrease of approximately 119.4 million pounds compared to the corresponding supply figure at January 31, 1964.

Domestic Disappearance: The combined domestic disappearance of creamery butter and butter oil in January amounted to 25.2 million pounds of butter, a decrease of 1.5 million pounds or 5.6 per cent less than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.30 pounds as compared with 1.38 pounds in January, 1964.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 53 cents per pound in January, as against 51 cents in January, 1964.

Cheddar Cheese:

Production: Cheddar cheese production in January amounted to approximately 5.5 million pounds, an increase of about 0.5 million pounds compared to production in the same month of the previous year.

Prices: The Belleville price of Ontario coloured cheese averaged 38 cents per pound in January. The comparative price in 1964 was 35 1/2 cents.

Ice Cream Mix:

The quantity of ice cream mix manufactured in January was approximately 1.3 million gallons or 22 thousand gallons less than that produced a year ago.

TABLE 2.- Milk Production and Utilization, by Province, January, 1964 and 1965.

Province and year	Total milk production	Utilization					
		Factory products	Farm butter	Farm-home consumed	Fed to livestock	Fluid sales	
thousand pounds							
P.E.I. ....	1964	9,393(1)	5,539(1)	94	1,590	371	1,799
	1965	9,690(1)	5,678(1)	47	1,610	609	1,746
N.S. ....	1964	25,149	5,446	257	2,000	1,160	16,286
	1965	24,343	5,210	234	2,070	945	15,884
N.B. ....	1964	20,937	5,775	398	1,820	462	12,482
	1965	20,578	5,233	258	1,880	483	12,724
Que. ....	1964	262,633	112,806	632	18,000	9,750	121,445
	1965	257,635	106,854	468	17,100	10,300	122,913
Ont. ....	1964	440,825	234,460	913	16,100	23,800	165,543
	1965	450,736	240,709	585	15,900	24,600	168,942
Man. ....	1964	65,729	31,364	1,287	7,290	5,100	20,688
	1965	61,998	29,319	842	7,040	3,890	20,907
Sask. ....	1964	69,518	30,292	2,831	12,500	7,810	16,085
	1965	62,590	27,247	2,176	11,900	5,300	15,967
Alta. ....	1964	109,829(1)	57,808(1)	2,808	12,800	7,380	29,033
	1965	103,750(1)	52,751(1)	1,919	11,200	8,660	29,220
B.C. ....	1964	67,189	24,032	257	1,930	2,570	38,400
	1965	65,219	21,621	234	1,910	2,430	39,024
Totals ..	1964	1,079,326	515,655	9,477	74,030	58,403	421,761
	1965	1,064,744	502,827	6,763	70,610	57,217	427,327

(1) The milk equivalent of concentrated whole milk products is excluded to avoid disclosing individual company operations. It is included in totals.

TABLE 3.-Milk Equivalent of Factory Products and Fluid Sales, by Province,  
January, 1964 and 1965.

Province and year	Creamery butter	Cheese	Concentrated milk	Ice cream mix	Fluid milk	Fluid cream
thousand pounds of milk						
P.E.I. .... 1964	5,148	330	(1)	61	1,641	158
1965	4,984	649	(1)	45	1,565	181
N.S. .... 1964	4,165	-	-	1,281	14,495	1,791
1965	3,791	-	-	1,419	14,222	1,662
N.B. .... 1964	4,844	264	-	667	11,023	1,459
1965	4,376	220	-	637	11,311	1,413
Que. .... 1964	67,486	28,460	9,220	7,640	103,089	18,356
1965	63,133	30,277	5,977	7,467	103,833	19,080
Ont. .... 1964	151,960	33,745	38,214	10,550	141,988	23,555
1965	157,318	38,739	33,488	11,164	145,160	23,782
Man. .... 1964	29,437	671	-	1,256	16,188	4,500
1965	27,121	715	-	1,483	16,543	4,364
Sask. .... 1964	29,905	-	-	387	13,420	2,665
1965	26,840	-	-	407	13,444	2,523
Alta. .... 1964	54,569	1,848	(1)	1,391	23,483	5,550
1965	49,187	1,760	(1)	1,804	23,663	5,557
B.C. .... 1964	7,418	1,034	10,991	4,589	31,558	6,842
1965	6,739	781	8,708	5,393	32,037	6,987
<b>Totals .. 1964</b>	<b>354,932</b>	<b>66,352</b>	<b>66,549</b>	<b>27,822</b>	<b>356,885</b>	<b>64,876</b>
<b>1965</b>	<b>343,489</b>	<b>73,141</b>	<b>56,378</b>	<b>29,819</b>	<b>361,778</b>	<b>65,549</b>

(1) Excluded to avoid disclosing individual company operations but included in the total.

TABLE 4. - Milk Utilization: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, January, 1965.

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. ....	42	6	18	66	15	-	14	5
N.S. ....	15	-	6	21	65	1	9	4
N.B. ....	21	1	3	25	62	1	9	3
Que. ....	24	12	5	41	48	-	7	4
Ont. ....	35	8	10	53	37	-	4	6
Man. ....	44	1	2	47	34	2	11	6
Sask. ....	43	-	1	44	26	3	19	8
Alta. ....	45	2	7	54	26	2	10	8
B.C. ....	10	1	22	33	60	-	3	4
Canada ..	32	7	8	47	40	1	7	5

TABLE 5. - Butter Made on Farms, by Province, January 1960 to 1965.

Province	1965	1964	1963	1962	1961	1960
	'000 lbs.					
P.E.I. ....	2	4	4	3	7	7
N.S. ....	10	11	16	19	22	26
N.B. ....	11	17	20	24	29	31
Que. ....	20	27	54	51	56	101
Ont. ....	25	39	37	42	64	60
Man. ....	36	55	64	88	92	112
Sask. ....	93	121	143	199	239	235
Alta. ....	82	120	129	143	159	209
B.C. ....	10	11	17	15	19	21
Totals ..	289	405	484	584	687	802

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 1963 and 1964, January and February 1964 and 1965.

Province	December		January		February	
	1964	1963	1964	1963	1964	1963
	percentages					
P.E.I. ....	73.5	75.9	64.2	61.8	46.9	48.1
N.S. ....	65.3	70.6	67.0	70.4	66.1	67.7
N.B. ....	65.7	66.6	56.4	57.0	51.0	50.3
Que. ....	57.8	59.5	43.4	45.3	34.5	38.1
Ont. ....	67.1	65.0	62.7	61.0	60.1	60.1
Man. ....	55.8	53.7	50.9	51.5	56.5	53.4
Sask. ....	53.5	55.2	49.8	55.5	51.5	55.3
Alta. ....	58.0	61.3	57.0	59.1	56.9	59.1
B.C. ....	72.6	71.0	70.1	71.6	71.6	71.4
Canada (weighted)	61.4	61.7	53.7	54.7	49.7	51.5

B. Milk Production Per Cow: Daily Averages for All Cows and for Cows Milked, by Province, January 1965, and February 1964 and 1965.

Province	All cows			Cows milked		
	January 1965	February 1965	February 1964	January 1965	February 1965	February 1964
	pounds					
P.E.I. ....	12.3	10.3	10.0	19.2	22.0	20.8
N.S. ....	15.3	16.3	15.8	22.8	24.7	23.3
N.B. ....	11.6	11.4	11.0	20.6	22.4	21.9
Que. ....	9.7	8.3	9.2	22.3	24.0	24.0
Ont. ....	19.2	18.9	19.0	30.6	31.4	31.6
Man. ....	13.7	16.0	14.1	26.9	28.3	26.4
Sask. ....	13.3	14.4	15.2	26.7	28.0	27.4
Alta. ....	16.3	16.2	17.4	28.5	28.4	29.4
B.C. ....	20.6	21.6	21.5	29.4	30.2	30.1
Canada .. (unweighted)	14.7	14.4	14.8	26.6	28.1	27.8



TABLE 7.- Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province, January, 1964 and 1965.

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. .... 1964	123	9	59	5	67	-	263
1965	121	18	65	6	67	-	277
N.S. .... 1964	94	-	38	53	728	1	914
1965	86	-	40	49	754	1	930
N.B. .... 1964	113	7	22	49	551	3	745
1965	101	6	22	48	573	2	752
Que. .... 1964	1,691	786	470	472	4,680	1	8,100
1965	1,685	864	366	471	4,994	1	8,381
Ont. .... 1964	3,800	1,007	1,384	528	7,128	2	13,849
1965	4,026	1,240	1,337	576	7,302	1	14,482
Man. .... 1964	655	18	35	99	753	1	1,561
1965	599	22	42	97	804	-	1,564
Sask. .... 1964	683	-	10	66	663	1	1,423
1965	614	-	10	62	692	1	1,379
Alta. .... 1964	1,262	55	219	156	1,090	1	2,783
1965	1,139	52	231	159	1,145	1	2,727
B.C. .... 1964	171	31	474	377	1,739	1	2,793
1965	157	24	407	391	1,791	1	2,771
Totals .. 1964	8,592	1,913	2,711	1,805	17,399	11	32,431
1965	8,528	2,226	2,520	1,859	18,122	8	33,263

TABLE 8.- Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, January, 1964 and 1965.

Province and year	Creamery butter-fat	Cheese milk	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. ....	1964	69.0	2.66	2.99	4.11	52	2.84
	1965	70.0	2.84	3.07	4.30	55	2.91
N.S. ....	1964	65.0	-	2.95	5.02	55	4.20
	1965	66.0	-	2.81	5.30	56	4.40
N.B. ....	1964	67.0	2.72	3.35	5.00	58	4.05
	1965	67.0	2.87	3.39	5.07	60	4.17
Que. ....	1964	72.4	2.76	2.79	4.54	55	3.46
	1965	77.1	2.85	2.72	4.81	54	3.65
Ont. ....	1964	72.2	2.98	2.84	5.02	57	3.46
	1965	73.9	3.20	2.99	5.03	56	3.53
Man. ....	1964	64.2	2.63	2.81	4.65	57	3.00
	1965	63.8	2.96	2.81	4.86	57	3.11
Sask. ....	1964	66.0	-	2.49	4.94	56	3.07
	1965	66.1	-	2.48	5.15	56	3.19
Alta. ....	1964	66.8	2.97	2.89	4.64	56	2.99
	1965	66.9	2.96	2.92	4.84	56	3.10
B.C. ....	1964	66.5	2.91	3.04	5.51	54	4.47
	1965	67.5	3.13	2.89	5.59	53	4.57
Canada ..	1964	69.9	2.88	2.87	4.88	57	3.46
	1965	71.7	3.04	2.92	5.01	57	3.58

TABLE 9.- Creamery Butter: Domestic Disappearance for Canada, January and January to December 1956 to 1965.

Year	January		January to December	
	Total	Per capita	Total	Per capita
	'000 lb.	lb.	'000 lb.	lb.
1956 .....	21,988	1.37	313,606	19.50
1957 .....	25,026	1.51	321,554	19.36
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 .....	26,691	1.38	357,067	18.53
1965 .....	25,192	1.30	-	-

TABLE 10.-Cheese, Supply and Disposition, Canada, January, 1961 to 1965.

Year	Stocks beginning	Production	Imports	Exports	Stocks end	Domestic disappearance
						January
'000 lb.						
Cheddar cheese						
1961 .....	55,766	3,180	3	1,317	51,316	6,316
1962 .....	63,993	4,358	-	1,263	60,128	6,960
1963 .....	51,458	4,489	-	1,616	46,258	8,073
1964 .....	57,720	4,941	-	670	53,731	8,260
1965 .....	58,937	5,474	-	2,082	55,230	7,099
Process cheese						
1961 .....	3,922	3,980	-	37	3,899	3,966
1962 .....	4,279	4,878	-	22	4,844	4,291
1963 .....	4,232	5,596	-	18	5,099	4,711
1964 .....	6,365	4,997	-	7	6,597	4,758
1965 .....	6,102	5,521	-	15	6,038	5,570
Other cheese (hard and soft varieties)						
1964 .....	3,125	1,112	881	6	2,948	2,164
1965 .....	2,885	1,197	(1)	2	3,148	932(2)

(1) Not available.

(2) Subject to adjustment for trade statistics.

TABLE 11.-Principal Concentrated Milk Products, Supply and Disposition, Canada, January 1961 to 1965.

Year	Stocks beginning	Production	Imports	Exports	Stocks end	Domestic disappearance
						January
'000 lb.						
<b>Evaporated whole milk</b>						
1961 .....	45,453	16,465	-	747	36,303	24,868
1962 .....	62,158	15,138	-	582	50,536	26,178
1963 .....	41,164	17,952	-	276	32,135	26,705
1964 .....	41,897	19,377	-	604	33,202	27,468
1965 .....	35,965	15,797	-	382	27,749	23,631
<b>Partly skimmed evaporated milk</b>						
1961 .....	2,703	1,112	-	-	2,148	1,667
1962 .....	2,838	1,354	-	-	2,433	1,759
1963 .....	2,159	1,359	-	-	1,872	1,646
1964 .....	1,785	1,319	-	-	1,550	1,554
1965 .....	2,141	1,695	-	-	2,562	1,274
<b>Condensed whole milk</b>						
1961 .....	887	1,479	-	-	1,148	1,218
1962 .....	966	1,094	-	-	652	1,408
1963 .....	1,196	1,627	-	-	1,202	1,621
1964 .....	736	1,542	-	-	779	1,499
1965 .....	770	1,317	-	-	949	1,138
<b>Whole milk powder</b>						
1961 .....	5,822	1,574	4	3,314	4,373	(1)
1962 .....	2,565	1,018	7	1,805	1,717	68
1963 .....	3,109	1,912	-	2	3,220	1,799
1964 .....	2,738	1,676	-	2,187	2,283	(1)
1965 .....	3,643	1,526	-	658	4,493	18
<b>Skim milk powder</b>						
1961 .....	23,204	8,535	2	2,573	21,691	7,477
1962 .....	29,875	8,772	-	5,739	27,384	5,524
1963 .....	53,513	8,705	-	3,373	39,107	19,738
1964 .....	20,994	8,425	-	2,166	17,933	9,320
1965 .....	28,385	8,846	-	4,647	24,649	7,935
<b>Casein</b>						
1961 .....	1,268	159	98	168	1,190	167
1962 .....	2,046	561	21	839	1,457	332
1963 .....	2,567	830	19	1,485	1,525	406
1964 .....	1,551	402	47	1,039	975	(1)
1965 .....	1,534	609	(2)	1,020	1,252	(1) (3)

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

(2) Not available.

(3) Subject to adjustment for trade statistics.

TABLE 12.-Ice Cream: Production of Hard and Soft Types, by Province, February and Cumulative January and February, 1964 and 1965.

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. .... 1964	12	30	2	2	14	32
1965	18	36	(1)	(1)	18	36
N.S. .... 1964	115	214	2	2	117	216
1965	124	240	1	2	125	242
N.B. .... 1964	69	134	(1)	(1)	69	134
1965	74	142	(1)	(1)	74	142
Que. .... 1964	649	1,304	4	8	653	1,312
1965	636	1,308	6	10	642	1,318
Ont. .... 1964	918	1,881	8	14	926	1,895
1965	886	1,785	9	17	895	1,802
Man. .... 1964	179	338	3	6	182	344
1965	172	328	3	6	175	334
Sask. .... 1964	158	307	5	7	163	314
1965	149	266	3	8	152	274
Alta. .... 1964	306	560	13	21	319	581
1965	294	528	11	19	305	547
B.C. .... 1964	297	608	12	24	309	632
1965	305	638	15	31	320	669
Totals .. 1964	2,703	5,376	49	84	2,752	5,460
1965	2,658	5,271	48	93	2,706	5,364

(1) Less than 500 gallons.

TABLE 13.-Production of Other Products in Ice Cream Industry, Canada, February and Cumulative January and February, 1964 and 1965.

Year	Milkshake mix		Sherbet		Water ices		Ice milk	
	February	Jan.-Feb.	February	Jan.-Feb.	February	Jan.-Feb.	February	Jan.-Feb.
	thousand gallons							
1964 ....	19.2	36.5	33.8	65.0	57.9	87.7	39.8	82.3
1965 ....	21.1	40.5	33.3	71.7	91.5	142.8	48.1	93.3

TABLE 14.- Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, February, 1965 (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 .....	1,438	13.8 - 16.3	14.87	14.6 - 15.0
Roller .....	393	10.8 - 15.8	13.46	12.6 - 13.0
Feed .....	48	11.3 - 14.8	12.85	12.6 - 13.0
Ontario:				
Spray .....	2,599	12.8 - 17.8	14.52	14.1 - 14.5
Roller .....	775	12.8 - 15.3	13.73	13.6 - 14.0
Feed .....	45	5.8 - 12.8	10.97	12.6 - 13.0

(1) At time of publication reports had not been received from 5 of 69 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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