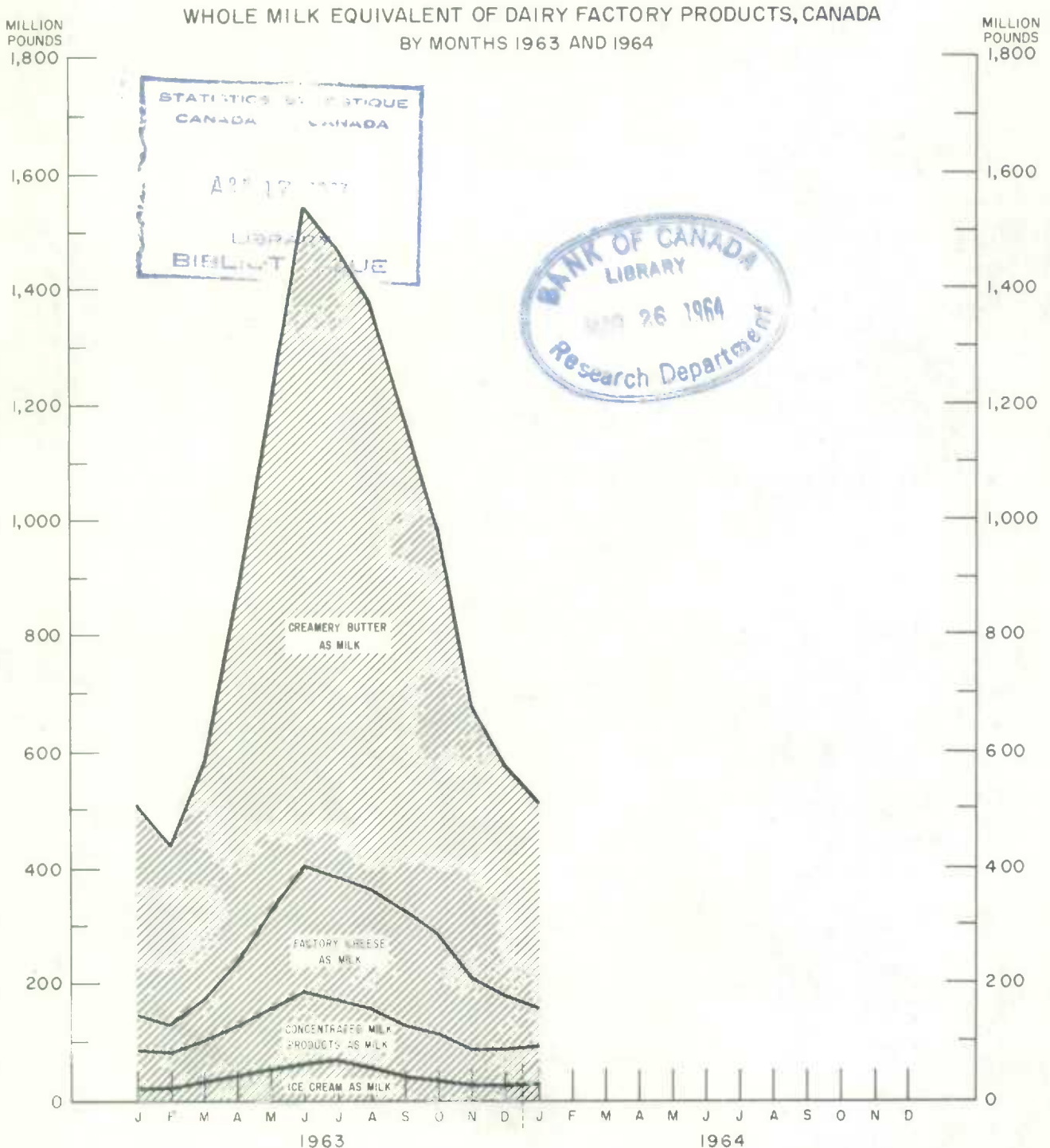


# THE DAIRY REVIEW

Vol. 25, No. 2

FEBRUARY 1964

Price: \$ 2.00 per year



Preliminary Indications of the Dairy Situation, February, 1964

The preliminary estimate of milk produced in February is 1,081,000,000 pounds. This is 2.9 per cent greater than production in the same month last year and would make the total estimate of production during the first two months of the year 2,243,000,000 pounds. This is 1.6 per cent higher than production in January and February, 1963.

Approximately 43 per cent of the milk produced in February or 460,500,000 pounds, was used in dairy factory products. This was 5.1 per cent greater than factory utilization in February, 1963, with increased quantities going into all products. About 3.0 per cent more milk was utilized for the manufacture of creamery butter in February than a year ago, while milk used for the manufacture of cheese, concentrated whole milk products and ice cream mix increased 11.6, 10.0 and 7.9 per cent, respectively. Compared with corresponding months a year earlier, creamery butter manufacture showed an increase for the first time since April, 1963. During January and February, 2.4 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 and February, 1963 and 1964

Product	February			January - February		
	1963	1964	Percentage Change	1963	1964	Percentage Change
	'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	309,488	318,661	(+) 3.0	670,363	670,386	-
Factory Cheese	48,563	54,220	(+) 11.6	107,175	117,437	(+) 9.6
Concentrated Whole Milk Products	55,921	61,533	(+) 10.0	121,039	128,250	(+) 6.0
Ice Cream Mix	24,226	26,129	(+) 7.9	47,850	52,778	(+) 10.3
<b>Totals</b>	<b>438,198</b>	<b>460,543</b>	<b>(+) 5.1</b>	<b>946,427</b>	<b>968,851</b>	<b>(+) 2.4</b>

Fluid sales of milk and cream during February, for the purpose of the preliminary estimate, are calculated at 491,400,000 pounds, an increase of 3.3 per cent over fluid sales in February, 1963. 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 3.5 per cent above that used in February, 1963, while milk for livestock feeding dropped 12.1 per cent from that of a year ago. Farm dairy correspondents participating in the survey, report 0.9 per cent fewer cows kept on farms at February 15, and 0.6 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 0.7 per cent above the level at February 15, 1963. The estimate of total milk production is not based on the farm sample but is the sum of the estimates of milk utilization.

## Farm Milk Production, Utilization and Income in January, 1964

**Farm Milk Production:** The estimated quantity of milk produced on farms in January amounted to 1,162 million pounds, an increase of 4 million pounds or 0.3 per cent over that of January, 1963. Of this amount, 508 million pounds or 43 per cent was utilized in factory production, and approximately 521 million pounds or 45 per cent was used for fluid sales.

**Fluid Sales:** Sales of fluid milk and cream, the latter expressed as milk, amounted to 521 million pounds in January, an increase of approximately 18 million pounds in comparison with January of the previous year. This included about 441 million pounds of fluid milk, comprising about 38 per cent of the farm milk supply, and fluid cream sales of 80 million pounds representing 7 per cent.

**Farm Butter:** Butter made on farms in January amounted to 288,000 pounds, decreasing 41 per cent from the corresponding month in 1963.

**Farm Cash Income:** Cash income from the sale of dairy products in January amounted to \$36,651,000. This represented an increase of 4.6 per cent or \$1,628,000 in comparison with the same month last year. The weighted average value of \$3.56 per hundred pounds of milk was 10 cents higher than in January, 1963. Fluid milk at \$4.85 per hundred was 9 cents higher than in January, 1963. Creamery butter-fat increased from 68.1 cents to 69.9 cents per pound, and farm butter at 57 cents per pound was the same as in January, 1963. Milk used in manufacture averaged \$2.87 per hundred, 10 cents higher than in January, 1963. Cheese milk increased to \$2.89 per hundred, an increase of 10 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, 1964

### Creamery Butter

**Production:** Creamery butter production amounted to 15.0 million pounds in January, 1964, a decrease of approximately 391 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, 1964, amounted to 205.0 million pounds, approximately 21.9 million pounds lower than at February 1 last year. On January 1, 1964, stock holdings at 219.7 million pounds were 18.4 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 234.7 million pounds of butter at January 31, 1964. This was a decrease of approximately 18.8 million pounds compared to the corresponding supply figure at January 31, 1963.

**Domestic Disappearances:** The combined domestic disappearance of creamery butter and butter oil in January amounted to 26.6 million pounds of butter, a decrease of 57 thousand pounds or 0.2 per cent less than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.39 pounds as compared with 1.41 pounds in January, 1963.

**Prices at Montreal:** Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 51 cents per pound in January, as against 51 1/4 cents in January, 1963.

### Cheddar Cheese

**Production:** Cheddar cheese production in January amounted to approximately 4.7 million pounds, an increase of about 340 thousand pounds compared to production in the same month of the previous year.

**Prices:** The Belleville price of Ontario coloured cheese averaged 35 1/2 cents per pound in January. The comparative price in 1963 was 35 cents.

### Ice Cream Mix

The quantity of ice cream mix manufactured in January was approximately 1.3 million gallons or 206 thousand gallons more than that produced a year ago.

TABLE 2. - Milk Production and Utilization, by Province, January, 1963 and 1964

Province and Year		Total Milk Production	Utilization				
			Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales
thousand pounds							
P.E.I.	1963	9,155 <u>1/</u>	4,855 <u>1/</u>	70	1,670	388	2,172
	1964	9,951 <u>1/</u>	5,541 <u>1/</u>	47	1,850	266	2,247
N.S.	1963	26,549	5,405	374	3,340	984	16,446
	1964	26,402	5,281	211	3,030	968	16,912
N.B.	1963	23,664	5,283	608	3,000	710	14,063
	1964	24,109	5,870	491	2,990	695	14,063
Que.	1963	307,067	120,218	1,264	21,800	11,400	152,385
	1964	297,804	108,643	210	21,400	9,290	158,261
Ont.	1963	461,868	230,003	866	17,400	23,800	189,799
	1964	462,069	232,298	257	17,700	15,300	196,514
Man.	1963	71,216	31,326	1,427	6,730	4,700	27,033
	1964	70,845	31,277	983	6,450	4,020	28,115
Sask.	1963	80,674	29,890	3,346	12,200	6,180	29,058
	1964	83,616	30,388	2,106	12,900	7,930	30,292
Alta.	1963	99,995 <u>1/</u>	49,260 <u>1/</u>	3,019	10,600	4,950	32,166
	1964	109,089 <u>1/</u>	57,877 <u>1/</u>	2,270	11,500	4,680	32,762
B.C.	1963	69,897	24,015	398	2,330	2,980	40,174
	1964	69,936	23,008	164	2,000	2,660	42,104
Totals	1963	1,158,059	508,229	11,372	79,070	56,092	503,296
	1964	1,161,946	508,308	6,739	79,820	45,809	521,270

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, 1963 and 1964

Province and Year		Creamery Butter	Cheese	Concentrated Milk	Ice Cream Mix	Fluid Milk	Fluid Cream
thousand pounds of milk							
P.E.I.	1963	4,540	220	<u>1/</u>	95	1,979	193
	1964	5,148	330	<u>1/</u>	63	2,058	189
N.S.	1963	3,955	-	418	1,032	14,922	1,524
	1964	3,931	-	-	1,350	15,220	1,692
N.B.	1963	4,399	132	-	752	12,411	1,652
	1964	4,937	264	-	669	12,411	1,652
Que.	1963	79,186	27,516	7,479	6,037	127,471	24,914
	1964	64,865	26,998	9,220	7,560	133,845	24,416
Ont.	1963	153,317	28,303	37,816	10,567	160,563	29,236
	1964	151,539	32,084	38,380	10,295	166,986	29,528
Man.	1963	29,273	483	-	1,570	21,664	5,369
	1964	29,367	681	-	1,229	22,531	5,584
Sask.	1963	29,624	-	-	266	24,678	4,380
	1964	30,022	-	-	366	25,912	4,380
Alta.	1963	47,572	968	<u>1/</u>	720	27,401	4,765
	1964	54,662	1,826	<u>1/</u>	1,389	27,949	4,813
B.C.	1963	9,009	990	11,431	2,585	32,258	7,916
	1964	7,254	1,034	10,992	3,728	33,871	8,233
Totals	1963	360,875	58,612	65,118	23,624	423,347	79,949
	1964	351,725	63,217	66,717	26,649	440,783	80,487

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

TABLE 4. - Milk Utilizations: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, January, 1964

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.	43	3	17	63	19	-	16	2
N.S.	15	-	5	20	64	1	11	4
N.B.	20	1	3	24	58	2	13	3
Que.	22	9	6	37	53	-	7	3
Ont.	33	7	10	50	43	-	4	3
Man.	41	1	2	44	40	1	9	6
Sask.	36	-	-	36	36	3	16	9
Alta.	47	2	7	56	28	2	10	4
B.C.	10	2	21	33	60	-	3	4
Canada	30	5	8	43	45	1	7	4

TABLE 5. - Butter Made on Farms, by Province, January, 1959 to 1964

Province	1964	1963	1962	1961	1960	1959
	thousand pounds					
Prince Edward Island	2	3	3	7	8	10
Nova Scotia	9	16	27	33	36	33
New Brunswick	21	26	46	51	47	50
Quebec	9	54	55	56	101	102
Ontario	11	37	24	41	41	53
Manitoba	42	61	81	87	112	113
Saskatchewan	90	143	159	186	196	225
Alberta	97	129	127	137	190	176
British Columbia	7	17	20	25	26	26
Totals	288	486	542	623	757	788

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, 1962 and 1963, January and February, 1963 and 1964

Province	December		January		February	
	1963	1962	1964	1963	1964	1963
	percentages					
P.E.I.	75.9	73.8	61.8	60.0	48.1	48.8
N.S.	70.6	68.7	70.4	66.9	67.7	64.7
N.B.	66.6	64.5	57.0	54.8	50.3	49.2
Que.	59.5	61.8	45.3	46.2	38.1	38.3
Ont.	65.0	65.8	61.0	61.4	60.1	59.4
Man.	53.7	52.6	51.5	51.1	53.4	53.3
Sask.	55.2	55.4	55.5	53.7	55.3	55.4
Alta.	61.3	56.7	59.1	56.3	59.1	58.0
B.C.	71.0	71.8	71.6	70.5	71.4	72.1
Canada	62.7	62.5	56.4	55.9	53.4	53.3

B. - Milk Production Per Cows: Daily Averages for All Cows and for Cows Milked,  
by Province, January, 1964 and February, 1963 and 1964

Province	All Cows			Cows Milked		
	January 1964	February 1964	February 1963	January 1964	February 1964	February 1963
	pounds					
P.E.I.	10.6	10.0	10.3	17.2	20.8	21.1
N.S.	15.5	15.8	14.9	22.0	23.3	23.0
N.B.	11.3	11.0	10.7	19.8	21.9	21.8
Que.	9.6	9.2	9.2	21.3	24.0	24.0
Ont.	18.6	19.0	18.5	30.5	31.6	31.1
Man.	13.1	14.1	14.1	25.4	26.4	26.5
Sask.	14.7	15.2	15.3	26.4	27.4	27.6
Alta.	16.6	17.4	16.9	28.1	29.4	29.2
B.C.	20.7	21.5	21.4	29.0	30.1	29.7
Canada	14.6	14.8	14.7	26.0	27.8	27.6



TABLE 7. - Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province, January, 1963 and 1964

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.	1963	107	6	35	6	82	-	236
	1964	123	9	59	6	85	-	282
N.S.	1963	92	-	41	44	740	1	918
	1964	88	-	40	50	764	1	943
N.B.	1963	100	3	25	55	590	3	776
	1964	115	8	22	55	621	3	824
Que.	1963	1,992	759	363	685	5,749	2	9,550
	1964	1,674	745	468	664	6,077	1	9,629
Ont.	1963	3,617	798	1,324	661	7,771	1	14,172
	1964	3,759	958	1,383	661	8,383	1	15,145
Man.	1963	642	13	43	118	1,003	1	1,820
	1964	653	18	35	123	1,048	-	1,877
Sask.	1963	661	-	7	108	1,192	1	1,969
	1964	683	-	9	109	1,236	1	2,038
Alta.	1963	1,087	29	229	133	1,266	2	2,746
	1964	1,247	55	217	135	1,288	1	2,943
B.C.	1963	204	28	390	436	1,777	1	2,836
	1964	167	31	451	454	1,866	1	2,970
Totals	1963	8,502	1,636	2,457	2,246	20,170	12	35,023
	1964	8,509	1,824	2,684	2,257	21,368	9	36,651

TABLE 8. - Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, January, 1963 and 1964

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.	1963	68.0	2.59	2.96	4.12	55	2.91
	1964	69.0	2.67	2.99	4.11	52	2.90
N.S.	1963	67.0	-	2.78	4.96	59	4.19
	1964	65.0	-	2.95	5.02	55	4.24
N.B.	1963	66.0	2.46	3.30	4.75	58	3.99
	1964	67.0	2.96	3.35	5.00	58	4.11
Que.	1963	72.7	2.76	2.68	4.51	56	3.50
	1964	74.6	2.76	2.79	4.54	55	3.61
Ont.	1963	68.2	2.82	2.74	4.84	57	3.38
	1964	71.7	2.98	2.84	5.02	57	3.53
Man.	1963	63.4	2.60	2.77	4.63	56	3.12
	1964	64.2	2.62	2.81	4.65	57	3.16
Sask.	1963	64.5	-	2.47	4.83	56	3.34
	1964	65.7	-	2.49	4.77	56	3.36
Alta.	1963	66.0	3.04	3.01	4.62	56	3.11
	1964	65.9	3.00	2.86	4.61	56	3.04
B.C.	1963	65.5	2.81	2.78	5.51	53	4.41
	1964	66.5	2.91	3.06	5.51	54	4.56
Canada	1963	68.1	2.79	2.77	4.76	57	3.46
	1964	69.9	2.89	2.87	4.85	57	3.56

TABLE 9. - Creamery Butter: Domestic Disappearance, Canada, January and January to December, 1955 to 1964

Year	January		January to December	
	Total '000 lb.	Per Capita lb.	Total '000 lb.	Per Capita lb.
1955	21,625	1.38	301,645	19.21
1956	21,988	1.37	313,606	19.50
1957	25,026	1.51	321,554	19.38
1958	24,504	1.44	312,255	18.32
1959	23,920	1.37	303,059	17.38
1960	19,832	1.11	289,889	16.27
1961	21,877	1.20	288,309	15.81
1962	21,555	1.16	320,752	17.27
1963	26,627	1.41	350,749	18.56
1964	26,570 <u>1/</u>	1.39	-	-

1/ Includes an adjustment for approximately 2,500,000 lb. of butter oil, or 3,125,000 lb. in butter equivalent, exported in the month of January.

TABLE 10. - Cheese, Supply and Disposition, Canada, January, 1960 to 1964

Year	Stocks Beginning '000 lb.	Production '000 lb.	Imports '000 lb.	Exports '000 lb.	Stocks End '000 lb.	Domestic Disappearance
						January '000 lb.
Cheddar Cheese						
1960	52,532	3,819	- - <u>1/</u>	414	50,061	5,876
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	4,332	-	1,616	46,258	7,916
1964	57,750	4,672	.. <u>2/</u>	670	53,666	8,086 <u>3/</u>
Process Cheese						
1960	3,567	3,984	-	6	3,539	4,006
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	6,712	4,997	-	7	7,029	4,673
Other Cheese (hard and soft varieties)						
1963	3,914	1,018	940	3	3,717	2,152
1964	3,119	1,096	.. <u>2/</u>	6	2,967	1,242 <u>3/</u>

1/ Less than 500 pounds.

2/ Not yet available.

3/ Subject to adjustment for trade statistics.

TABLE 11. - Principal Concentrated Milk Products, Supply and Disposition, Canada, January 1960 to 1964

Year	Stocks Beginning '000 lb.	Production '000 lb.	Imports '000 lb.	Exports '000 lb.	Stocks End '000 lb.	Domestic Disappearance
						January '000 lb.
Evaporated Whole Milk						
1960	44,598	17,945	-	319	23,360	38,864
1961	43,549	16,465	-	747	34,871	24,396
1962	60,169	15,138	-	582	49,040	25,685
1963	39,374	17,906	-	276	30,974	26,030
1964	39,961	19,378	-	604	32,268	26,467
Partly Skimmed Evaporated Milk						
1960	3,142	1,092	-	-	2,048	2,186
1961	4,607	1,112	-	-	3,580	2,139
1962	4,827	1,354	-	-	3,929	2,252
1963	3,949	1,405	-	-	3,033	2,321
1964	3,721	1,319	-	-	2,484	2,556
Condensed Whole Milk						
1960	722	995	-	-	680	1,037
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	1,531	-	-	780	1,487
Whole Milk Powder						
1960	1,418	1,480	2	857	1,627	416
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	2,258	... 1/
Skim Milk Powder						
1960	21,942	7,576	-	4,523	17,313	7,682
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	20,986	8,593	-	2,166	17,934	9,479
Casein						
1960	434	96	197	26	443	258
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	1,583	445	.. 2/	1,039	929	60 3/

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

2/ Not yet 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, 1963 and 1964

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.	1963	15	35	1	1	16	36
	1964	12	30	2	2	14	32
N.S.	1963	102	198	-- 1/	-- 1/	102	198
	1964	109	212	2	3	111	215
N.B.	1963	57	116	-- 1/	-- 1/	57	116
	1964	73	138	-- 1/	-- 1/	73	138
Que.	1963	516	1,010	5	9	521	1,019
	1964	661	1,309	6	14	667	1,323
Ont.	1963	916	1,815	7	12	923	1,827
	1964	903	1,851	10	18	913	1,869
Man.	1963	139	273	2	4	141	277
	1964	180	336	3	8	183	344
Sask.	1963	136	265	3	4	139	269
	1964	163	312	5	7	168	319
Alta.	1963	249	454	12	20	261	474
	1964	306	560	13	21	319	581
B.C.	1963	256	502	20	33	276	535
	1964	321	648	12	24	333	672
Totals	1963	2,386	4,668	50	83	2,436	4,751
	1964	2,728	5,396	53	97	2,781	5,493

1/ Less than 500 gallons.

TABLE 13. - Production of Other Products in Ice Cream Industry, Canada, February and Cumulative January to February, 1963 and 1964

Year	Milkshake Mix		Sherbet		Water Ices		Ice Milk	
	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.
thousand gallons								
1963	14.8	27.8	26.2	52.9	45.7	65.9	40.4	71.4
1964	19.1	35.9	33.4	63.4	56.4	87.6	44.2	89.3

TABLE 14. - Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, February, 1964 <sup>1/</sup>

(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 <sup>2/</sup>	Weighted Average Selling Price F.O.B. Plant (Net)	Price Range of "Bulk of Sales"
	'000 lb.	¢ per lb.	¢ per lb.	¢ per lb.
<u>Quebec</u>				
Spray	989	9.8 - 19.8	14.07	13.6 - 14.0
Roller	420	8.8 - 14.8	12.44	12.1 - 12.5
Feed	146	4.3 - 13.8	9.54	9.1 - 9.5
<u>Ontario</u>				
Spray	3,038	5.3 - 17.3	14.72	14.6 - 15.0
Roller	884	12.3 - 15.3	13.15	13.1 - 13.5
Feed	59	2.8 - 13.3	9.37	8.1 - 8.5

<sup>1/</sup> At time of publication reports had not been received from 2 of 68 plants listed as producing in Quebec and Ontario, therefore, the table should not be interpreted as covering total sales in these provinces.

<sup>2/</sup> Mid-points of lowest and highest half cent range in which sales were reported.

Prepared in the Livestock & Animal Products Section, Agriculture Division.

Issued Wednesday, March 25, 1964.

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010758259