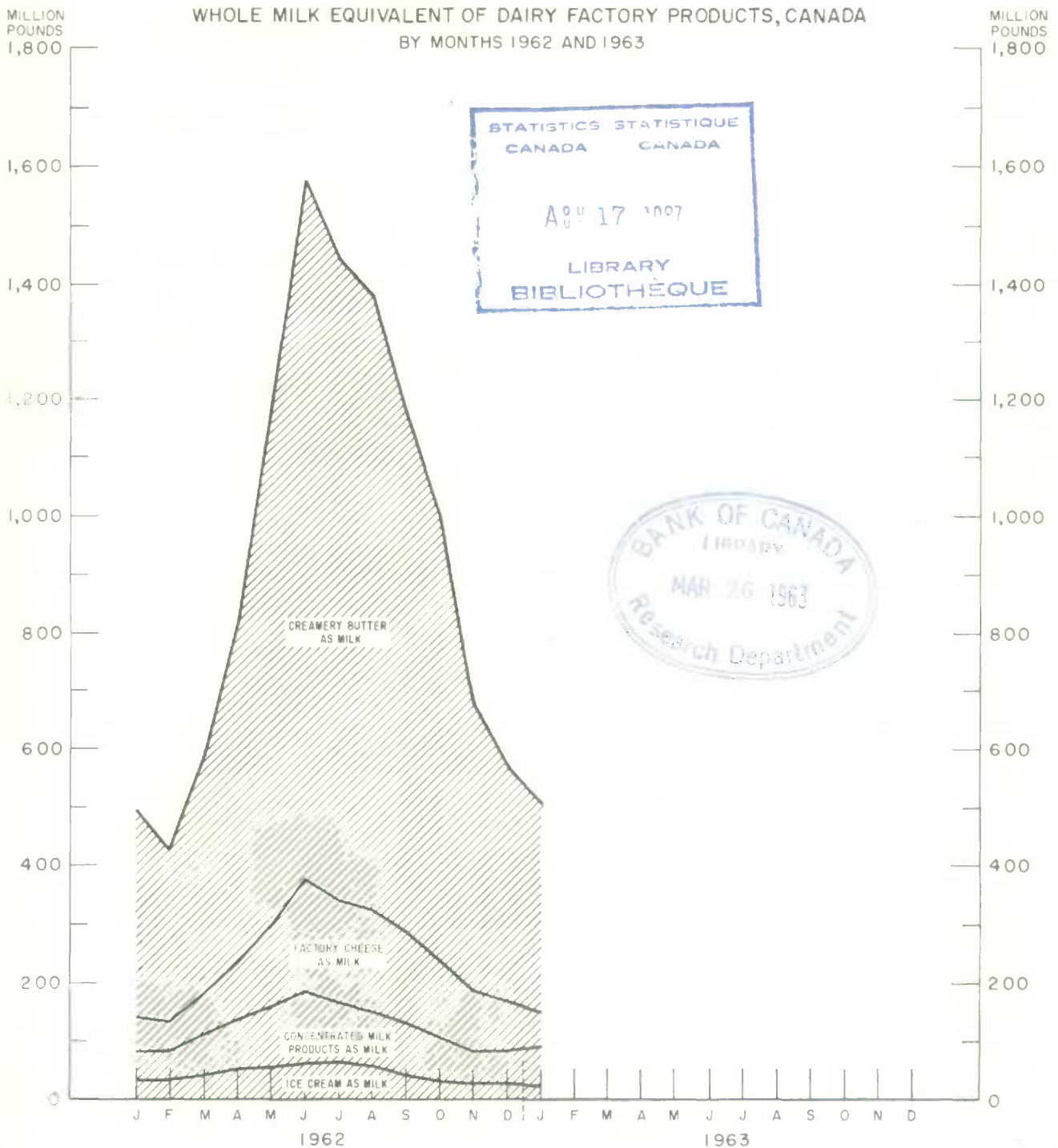


THE DAIRY REVIEW

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Preliminary Indications of the Dairy Situation, February, 1963

The preliminary estimate of milk produced in February is 1,049,000,000 pounds. This is 1.3 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 2,203,000,000 pounds. This is 1.3 per cent higher than production in January and February, 1962.

About 42 per cent, or 435,000,000 pounds, of the milk produced in February was used for dairy factory products. This was 1.1 per cent greater than that utilized during February, 1962, with increased quantities going into the manufacture of creamery butter, cheese and concentrated whole milk products more than offsetting a 30 per cent decline in milk utilization for ice cream mix. During January and February, 1.3 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, 1962 and 1963

Product	February			January - February		
	1962	1963	Percentage Change	1962	1963	Percentage Change
	'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	296,174	306,025	(+) 3.3	651,854	662,992	(+) 1.7
Factory Cheese	47,185	47,573	(+) 0.8	102,926	105,979	(+) 3.0
Concentrated Whole Milk Products	50,363	56,220	(+) 11.6	100,074	121,260	(+) 21.2
Ice Cream Mix	36,754	25,605	(-) 30.3	73,100	49,398	(-) 32.4
Totals	430,476	435,423	(+) 1.1	927,954	939,629	(+) 1.3

Fluid sales of milk and cream during February, for the purpose of the preliminary estimate, are calculated at 503,000,000 pounds, an increase of 1.6 per cent over fluid sales in February, 1962. This assumes the same relationship to year-earlier estimates as the month of January.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 0.5 per cent above that used in February, 1962, while milk for livestock feeding was 2.9 per cent above that of a year ago. Farm dairy correspondents participating in the survey, report 2.6 per cent fewer cows kept on farms at February 15, and 1.9 per cent less cows being milked that at the same date last year. Milk production per cow, for cows milked on farms in the sample, increased 3.8 per cent above the level at February 15, 1962.

It should be noted here that the 1962 comparative data used and published throughout this report with respect to milk production, utilization and income, are unrevised and exactly as published during the year.

Farm Milk Production, Utilization and Income in January, 1963

Farm Milk Production: The estimated quantity of milk produced on farms in January amounted to 1,154,036,000 pounds, an increase of 16 million pounds or 1.4 per cent above that of January, 1962. Of this amount, 504 million pounds or 44 per cent was utilized in factory production and approximately 503 million pounds or 43 per cent was used for fluid sales.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 503,296,000 pounds in January, an increase of approximately 8 million pounds in comparison with January of the previous year. This included about 423 million pounds of fluid milk, comprising about 36 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 486,000 pounds, decreasing 10 per cent from the corresponding month in 1962.

Farm Cash Income: Cash income from the sale of dairy products in January amounted to \$34,919,000. This represented an increase of approximately 1.2 per cent or \$413,000 in comparison with the same month last year. The weighted average price of \$3.46 per hundred pounds of milk was 1 cent lower than January, 1962. Fluid milk at \$4.76 per hundred was 3 cents lower than in January, 1962. Creamery butter-fat decreased from 67.9 cents to 67.8 cents per pound, and farm butter at 57 cents per pound was 5 cents lower than in January, 1962. Milk used in manufacture decreased from \$2.84 per hundred in January, 1962, to \$2.79 per hundred in January, 1963. Cheese milk increased to \$2.79 per hundred, an increase of 13 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. Government subsidies and bonuses are included in these estimates.

Production and Prices of Dairy Products in January, 1963

Creamery Butter

Production: Creamery butter production amounted to 15.3 million pounds in January, 1963, an increase of approximately 104 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, 1963, amounted to 227.7 million pounds, approximately 37.0 million pounds higher than at February 1 last year. On January 1, 1963, stock holdings at 239.0 million pounds were 41.9 million pounds greater 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 254.2 million pounds of butter at January 31, 1963. This was an increase of approximately 42.0 million pounds compared to the corresponding supply figure at January 31, 1962.

Domestic Disappearance: The combined domestic disappearance of creamery butter and butter oil in January amounted to 26.5 million pounds of butter, an increase of 5.0 million pounds or 23.1 per cent more than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.41 pounds as compared with 1.16 pounds in January, 1962.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 51 1/4 cents per pound in January, as against 63 1/2 cents in January, 1962.

Cheddar Cheese

Production: Cheddar cheese production in January amounted to approximately 4.3 million pounds. This was approximately the same as that produced in the same month of the previous year.

Prices: The Belleville price of Ontario coloured cheese averaged 35 cents per pound in January. The comparative price in 1962 was 32 1/2 cents.

Ice Cream Mix

The quantity of ice cream mix manufactured in January was approximately 1.1 million gallons or 26 thousand gallons more than that produced a year ago.

TABLE 2. - Milk Production and Utilization, by Province, January, 1962 and 1963

Province and Year		Total Milk Production	Utilization				
			Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales
thousand pounds							
P.E.I.	1962	10,776 <u>1/</u>	6,136 <u>1/</u>	70	1,880	461	2,229
	1963	9,155 <u>1/</u>	4,855 <u>1/</u>	70	1,670	388	2,172
N.S.	1962	29,490	7,794	632	3,550	1,330	16,184
	1963	26,861	5,717	374	3,340	984	16,446
N.B.	1962	25,995	6,747	1,076	3,010	1,270	13,892
	1963	23,393	5,012	608	3,000	710	14,063
Que.	1962	294,946	114,356	1,287	21,900	7,690	149,713
	1963	306,625	119,776	1,264	21,800	11,400	152,385
Ont.	1962	424,463	201,323	562	17,600	18,900	186,078
	1963	456,501	224,636	866	17,400	23,800	189,799
Man.	1962	74,378 <u>1/</u>	32,900 <u>1/</u>	1,895	6,730	5,710	27,143
	1963	71,343	31,453	1,427	6,730	4,700	27,033
Sask.	1962	86,251	33,811	3,721	13,100	6,670	28,949
	1963	81,138	30,354	3,346	12,200	6,180	29,058
Alta.	1962	114,786 <u>1/</u>	62,235 <u>1/</u>	2,972	11,400	6,550	31,629
	1963	101,083 <u>1/</u>	50,348 <u>1/</u>	3,019	10,600	4,950	32,166
B.C.	1962	74,091	28,849	468	2,520	2,630	39,624
	1963	70,002	24,120	398	2,330	2,980	40,174
Totals	1962	1,138,503	497,478	12,683	81,690	51,211	495,441
	1963	1,154,036	504,206	11,372	79,070	56,092	503,296

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, 1962 and 1963

Province and Year		Creamery Butter	Cheese	Concentrated Milk	Ice Cream Mix	Fluid Milk	Fluid Cream
thousand pounds of milk							
P.E.I.	1962	5,756	176	<u>1/</u>	204	1,999	230
	1963	4,540	220	<u>1/</u>	95	1,979	193
N.S.	1962	5,546	-	582	1,666	14,629	1,555
	1963	4,095	-	419	1,203	14,922	1,524
N.B.	1962	5,733	198	-	816	12,288	1,604
	1963	4,189	132	-	691	12,411	1,652
Que.	1962	69,779	28,726	6,739	9,112	126,209	23,504
	1963	78,671	27,198	7,479	6,428	127,471	24,914
Ont.	1962	137,452	23,605	27,584	12,682	157,415	28,663
	1963	148,028	28,447	37,776	10,385	160,563	29,236
Man.	1962	30,186	572	<u>1/</u>	2,142	21,664	5,479
	1963	29,437	473	-	1,543	21,664	5,369
Sask.	1962	31,941	-	-	1,870	24,434	4,515
	1963	30,139	-	-	215	24,678	4,380
Alta.	1962	57,330	1,199	<u>1/</u>	3,706	26,864	4,765
	1963	48,625	968	<u>1/</u>	755	27,401	4,765
B.C.	1962	11,957	1,265	11,479	4,148	31,939	7,685
	1963	9,243	968	11,431	2,478	32,258	7,916
Totals	1962	355,680	55,741	49,711	36,346	417,441	78,000
	1963	356,967	58,406	65,040	23,793	423,347	79,949

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, 1963

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.	44	2	12	58	21	1	16	4
N.S.	15	-	6	21	61	1	13	4
N.B.	18	-	3	21	60	3	13	3
Que.	26	9	4	39	50	-	7	4
Ont.	32	6	11	49	42	-	4	5
Man.	41	1	2	44	38	2	9	7
Sask.	37	-	-	37	36	4	15	8
Alta.	45	1	7	53	30	3	10	4
B.C.	13	1	20	34	58	1	3	4
Canada	31	5	8	44	43	1	7	5

TABLE 5. - Butter Made on Farms, by Province, January 1958 to 1963

Province	1963	1962	1961	1960	1959	1958
	thousand pounds					
P.E.I.	3	3	7	8	10	14
N.S.	16	27	33	36	33	39
N.B.	26	46	51	47	50	77
Que.	54	55	56	101	102	83
Ont.	37	24	41	41	53	57
Man.	61	81	87	112	113	120
Sask.	143	159	186	196	225	251
Alta.	129	127	137	190	176	205
B.C.	17	20	25	26	26	23
Totals	486	542	623	757	788	869

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, 1961 and 1962, January and February, 1962 and 1963

Province	December		January		February	
	1962	1961	1963	1962	1963	1962
	percentages					
P.E.I.	73.8	75.6	60.0	64.0	48.8	50.9
N.S.	68.7	68.4	66.9	67.5	64.7	66.2
N.B.	64.5	68.4	54.8	58.7	49.2	52.9
Que.	61.8	61.7	46.2	44.0	38.3	37.1
Ont.	65.8	65.5	61.4	61.2	59.4	58.2
Man.	52.6	55.0	51.1	52.8	53.3	53.0
Sask.	55.4	54.4	53.7	54.6	55.4	56.7
Alta.	56.7	59.3	56.3	57.8	58.0	58.8
B.C.	71.8	72.9	70.5	72.6	72.1	73.1
Canada	62.5	63.3	55.9	56.1	53.3	53.2

B. - Milk Production Per Cow: Daily Averages for All Cows and for Cows Milked, by Province, January 1963, February 1962 and 1963

Province	All Cows			Cows Milked		
	January 1963	February 1963	February 1962	January 1963	February 1963	February 1962
	pounds					
P.E.I.	11.2	10.3	10.7	18.7	21.1	21.0
N.S.	14.6	14.9	15.2	21.8	23.0	23.0
N.B.	10.6	10.7	10.8	19.4	21.8	20.4
Que.	9.9	9.2	8.6	21.5	24.0	23.1
Ont.	18.6	18.5	17.4	30.3	31.1	29.9
Man.	13.2	14.1	14.1	25.9	26.5	26.5
Sask.	13.9	15.3	15.0	25.9	27.6	26.5
Alta.	15.6	16.9	16.6	27.7	29.2	28.3
B.C.	20.6	21.4	20.8	29.2	29.7	28.5
Canada	14.5	14.7	14.1	25.9	27.6	26.6

TABLE 7. - Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province, January, 1962 and 1963

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.	1962	133	4	40	7	81	-	265
	1963	107	5	35	6	82	-	235
N.S.	1962	169	-	65	45	730	2	1,011
	1963	95	-	45	44	740	1	925
N.B.	1962	131	4	27	53	587	7	809
	1963	96	3	23	55	590	3	770
Que.	1962	1,762	780	445	644	5,679	2	9,312
	1963	1,947	753	392	685	5,749	2	9,528
Ont.	1962	3,209	614	1,088	648	7,666	1	13,226
	1963	3,492	802	1,319	661	7,771	1	14,046
Man.	1962	673	15	62	123	1,001	1	1,875
	1963	646	12	43	118	1,003	1	1,823
Sask.	1962	731	-	46	112	1,197	1	2,087
	1963	671	-	5	108	1,192	1	1,977
Alta.	1962	1,316	32	167	134	1,246	2	2,897
	1963	1,118	27	230	133	1,266	2	2,776
B.C.	1962	269	33	501	430	1,789	2	3,024
	1963	210	28	387	436	1,777	1	2,839
Totals	1962	8,393	1,482	2,441	2,196	19,976	18	34,506
	1963	8,382	1,630	2,479	2,246	20,170	12	34,919

TABLE 8. - Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, January, 1962 and 1963

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.	1962	66.7	2.26	2.99	4.04	62	2.79
	1963	68.0	2.44	2.96	4.12	55	2.90
N.S.	1962	68.0	-	2.89	4.99	61	4.20
	1963	67.0	-	2.79	4.96	59	4.16
N.B.	1962	66.0	2.27	3.30	4.78	64	3.87
	1963	66.0	2.24	3.30	4.75	58	4.01
Que.	1962	73.0	2.71	2.80	4.50	64	3.53
	1963	71.5	2.77	2.81	4.51	56	3.50
Ont.	1962	67.4	2.60	2.70	4.87	63	3.41
	1963	68.1	2.82	2.74	4.84	57	3.39
Man.	1962	64.4	2.51	2.81	4.62	63	3.12
	1963	63.4	2.60	2.77	4.63	56	3.12
Sask.	1962	66.1	-	2.47	4.90	60	3.32
	1963	64.3	-	2.47	4.83	56	3.33
Alta.	1962	66.3	2.67	2.85	4.64	61	3.02
	1963	66.4	2.82	3.02	4.62	56	3.10
B.C.	1962	65.0	2.58	3.20	5.60	56	4.41
	1963	65.5	2.84	2.78	5.51	53	4.41
Canada	1962	67.9	2.66	2.84	4.79	62	3.47
	1963	67.8	2.79	2.79	4.76	57	3.46

TABLE 9. - Creamery Butter: Domestic Disappearance, Canada, January and January to December, 1954 to 1963

Year	January		January to December	
	Total '000 lb.	Per Capita lb.	Total '000 lb.	Per Capita lb.
1954	20,838	1.36	293,292	19.19
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 <u>1/</u>	19,832	1.11	289,889	16.27
1961 <u>1/</u>	21,877	1.20	288,309	15.81
1962 <u>1/</u>	21,529	1.16	319,588 <u>2/</u>	17.21 <u>2/</u>
1963 <u>1/</u>	26,502 <u>2/</u>	1.41	-	-

1/ Data based on creamery butter and butter oil stocks in terms of butter.

2/ Subject to adjustment for trade statistics.

TABLE 10. - Cheese, Supply and Disposition, Canada, January, 1959 to 1963

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						
1959	46,774	2,570	1	344	43,177	5,824
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	4,344	-	1,263	60,128	6,946
1963	51,466	4,324	.. <u>2/</u>	.. <u>2/</u>	46,280	9,510 <u>3/</u>
Process Cheese						
1959	3,361	3,434	-	6	3,310	3,479
1960	3,567	3,984	-	6	3,539	4,006
1961	3,922	3,980	-	37	3,899	3,966
1962	4,279	5,086	-	22	4,996	4,347
1963	4,335	5,876	-	.. <u>2/</u>	5,246	4,965 <u>3/</u>
Other Cheese (hard and soft varieties)						
1962	4,025	927	1,039	5	3,852	2,134
1963	3,897	1,007	.. <u>2/</u>	.. <u>2/</u>	3,698	1,206 <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 1959 to 1963

Year	Stocks	Production '000 lb.	Imports '000 lb.	Exports '000 lb.	Stocks	Domestic Disappearance
	Beginning '000 lb.				End '000 lb.	January '000 lb.
Evaporated Whole Milk						
1959	47,781	14,415	-	430	36,337	25,429
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	17,890	-	.. 1/	30,974	26,290 2/
Partly Skimmed Evaporated Milk						
1959	2,810	1,207	-	-	2,243	1,774
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	1,404	-	-	3,033	2,320
Condensed Whole Milk						
1959	608	1,044	-	-	599	1,053
1960	722	995	-	-	680	1,037
1961	887	1,479	-	-	1,148	1,218
1962	966	1,093	-	-	652	1,407
1963	1,196	1,646	-	-	1,182	1,660
Whole Milk Powder						
1959	2,684	1,235	4	1,240	2,252	431
1960	1,418	1,480	2	857	1,627	416
1961	5,822	1,574	4	3,314	4,373	... 3/
1962	2,565	1,018	7	1,805	1,717	68
1963	3,109	1,912	.. 1/	.. 1/	3,220	1,801 2/
Skim Milk Powder						
1959	77,313	7,022	-	11,995	75,205	... 3/
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	53,165	8,728	.. 1/	.. 1/	39,087	22,806 2/
Casein						
1959	795	55	115	49	622	294
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	2,517	855	.. 1/	.. 1/	1,475	1,897

1/ Not yet available.

2/ Subject to adjustment for trade statistics.

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

TABLE 12. - Ice Creams: Production of Hard and Soft Types, by Province, February and Cumulative January and February, 1962 and 1963

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.	1962	11	25	-- 1/	-- 1/	11	25
	1963	15	35	1	1	16	36
N.S.	1962	85	188	-- 1/	-- 1/	85	188
	1963	121	234	1	2	122	236
N.B.	1962	53	109	-- 1/	-- 1/	53	109
	1963	67	122	-- 1/	-- 1/	67	122
Que.	1962	530	1,094	3	5	533	1,099
	1963	515	1,002	3	5	518	1,007
Ont.	1962	824	1,593	5	9	829	1,602
	1963	921	1,805	6	11	927	1,816
Man.	1962	120	246	2	3	122	249
	1963	137	268	2	4	139	272
Sask.	1962	103	214	2	4	105	218
	1963	132	258	2	3	134	261
Alta.	1962	219	427	10	23	229	450
	1963	248	455	13	21	261	476
B.C.	1962	269	470	19	49	288	519
	1963	258	496	18	30	276	526
Totals	1962	2,214	4,366	41	93	2,255	4,459
	1963	2,414	4,675	46	77	2,460	4,752

1/ Less than 500 gallons.

TABLE 13. - Production of Other Products in Ice Cream Industry, Canada, February and Cumulative January and February, 1962 and 1963

Year	Milkshake Mix		Sherbet		Water Ices		Ice Milk	
	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.	Feb.	Jan.-Feb.
thousand gallons								
1962	9.3	15.7	25.9	53.3	32.2	47.9	26.0	51.0
1963	14.5	27.5	24.9	47.9	44.7	64.3	38.5	68.5

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

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Publications Prepared by the Dominion Bureau of Statistics,
dealing with dairying

Catalogue Number	Title and Description	Price per year \$
32-002	Dairy Factory Production Monthly - Production of creamery butter, cheddar cheese, ice cream mix and concentrated milk products	1.00
23-002	Fluid Milk Sales Monthly - Sales of fluid milk, cream, chocolate drink, buttermilk and skim milk in leading urban markets	1.00
32-008	Advance Statement of Stocks of Dairy and Poultry Products in Nine Cities of Canada..... Monthly - Figures of holdings in Quebec, Montreal, Toronto, Winnipeg, Regina, Saskatoon, Calgary, Edmonton, Vancouver	1.00
32-009	Stocks of Dairy and Poultry Products Monthly - Stocks of creamery butter, cheese, concentrated milk products, eggs and dressed poultry on first day of each month	2.00
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