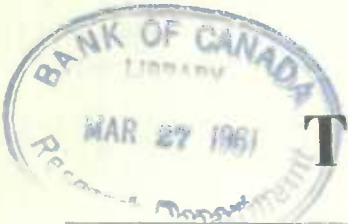


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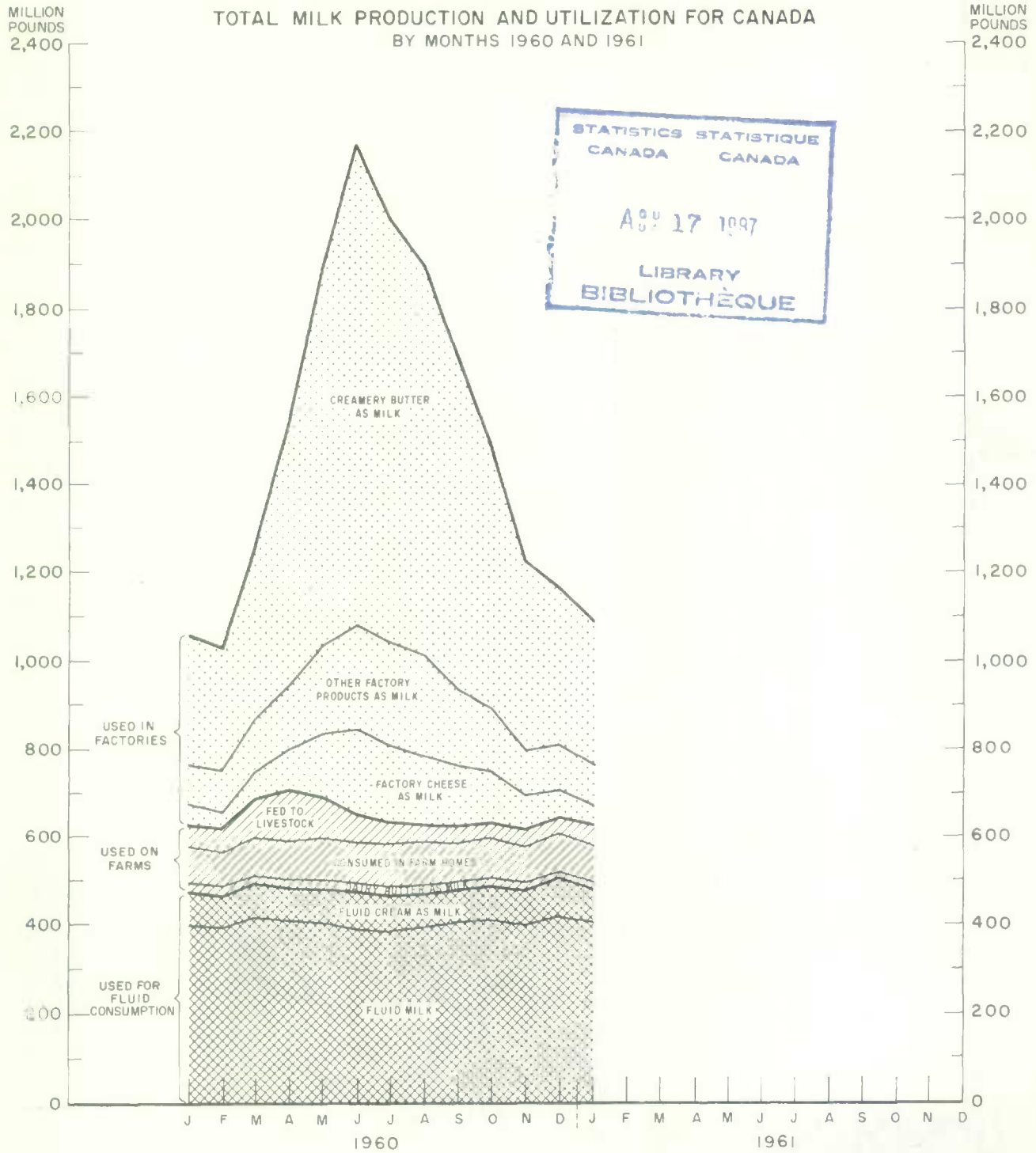


THE DAIRY REVIEW

Volume No. XXII, Report No. 2

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Preliminary Indications of the Dairy Situation, February, 1961

The preliminary estimate of milk produced in February is 1,032,000,000 pounds. This is slightly greater than production in the 29 day month last year and would make the total estimate of production during the first two months of the year 2,118,000,000 pounds. This is 1.4 per cent higher than production in January and February, 1960.

About 41 per cent of the milk produced in February, or 423,000,000 pounds, was used for dairy factory products. Dairy factory utilization was 1.6 per cent greater than in February 1960 with the quantity going into creamery butter production up 7.5 per cent and more than offsetting decreased utilization for each of cheese, ice cream and concentrated milk products.

TABLE 1. - Milk Equivalent of Dairy Factory Products, February and January to February, 1960 and 1961

Product	February			January - February		
	1960	1961	Percentage Change	1960	1961	Percentage Change
	'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	276,050	296,806	(+) 7.5	569,229	622,230	(+) 9.3
Factory Cheese	42,857	40,427	(-) 5.7	93,792	86,342	(-) 7.9
Concentrated Whole Milk Products	60,128	51,332	(-) 14.6	118,355	107,909	(-) 8.8
Ice Cream Mix	37,502	34,714	(-) 7.4	70,856	68,272	(-) 3.6
Totals	416,537	423,279	(+) 1.6	852,232	884,753	(+) 3.8

Fluid sales of milk and cream in January rose 1.3 per cent from last year. Assuming about the same rate of increase for February accounts for 472,000,000 pounds, or almost 46 per cent of the preliminary estimate of milk production.

According to indications from the monthly survey of farms keeping milk cows 137,000,000 pounds of milk was used on farms during February. This was 7 per cent less than last year, partly due to the difference in length of month. Milk used for feeding livestock was almost equal to the quantity so used in February 1960 but milk and cream used in farm homes decreased almost 9 per cent.

The number of milk cows on farms covered in the survey was 1.7 per cent higher than last year and daily production per cow was fractionally higher.

Farm Milk Production, Utilization and Income in January, 1961

Farm Milk Production: The estimated quantity of milk produced on farms in January amounted to 1,086,175,000 pounds, an increase of 26 million pounds or 2.4 per cent above that of January, 1960. Of this amount, 461 million pounds or 42 per cent was utilized in factory production and approximately 479 million pounds or 44 per cent was used for fluid sales.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 478,970,000 pounds in January, an increase of approximately 6 million pounds in comparison with January of the previous year. This included about 404 million pounds of fluid milk, comprising about 37 per cent of the farm milk supply, and fluid cream sales of 75 million pounds representing 7 per cent.

Farm Butter: Butter made on farms in January amounted to 623,000 pounds, decreasing 18 per cent from the corresponding month in 1960.

Farm Cash Income: Cash income from the sale of dairy products in January amounted to \$33,121,000. This represented an increase of approximately 2.6 per cent or \$836,000 in comparison with the same month last year. The weighted average price of \$3.52 per hundred pounds of milk was 3 cents lower than January, 1960. Fluid milk at \$4.77 per hundred was the same as in January, 1960. Creamery butter-fat decreased from 69.6 cents to 69.0 cents per pound, and farm butter at 62 cents was the same as in January, 1960. Milk used in manufacture increased from \$2.79 per hundred in January, 1960, to \$2.86 per hundred in January, 1961. Cheese milk declined to \$2.63 per hundred, a decline of 14 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, 1961

Creamery Butter

Production: Creamery butter production amounted to 13.9 million pounds in January, 1961. This was 1.4 million pounds or approximately 11 per cent more than that produced in the same month of the previous year.

Stocks: Holdings of creamery butter in store and transit on February 1 amounted to 104.0 million pounds, approximately 8.5 million pounds higher than at February 1 last year. On January 1, 1961, stock holdings at 113.8 million pounds were 8.1 million pounds greater than at the same date a year earlier.

Supply: The quantity of creamery butter represented by stocks on January 1, plus production and imports during the month, amounted to 127.7 million pounds at January 31, 1961. This was an increase of approximately 9.5 million pounds compared to the corresponding supply figure at January 31, 1960.

Domestic Disappearance: The domestic disappearance of creamery butter in January amounted to 21.0 million pounds, an increase of 1.4 million pounds or 7 per cent more than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.18 pounds as compared with 1.12 pounds in January, 1960.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 64 cents per pound in January, the same as in January, 1960.

Cheddar Cheese

Production: Cheddar cheese production amounted to approximately 3.3 million pounds, a decrease of about 0.5 million pounds compared to production in the same month of the previous year.

Prices: The price of Ontario coloured cheese averaged 32 1/2 cents per pound at Belleville in January, the same as in January, 1960.

Ice Cream Mix

The quantity of ice cream mix manufactured in January was approximately 1.0 million gallons or 6 thousand gallons more than that produced a year ago.

TABLE 2. - Ice Cream: Production of Hard and Soft Types, Canada, by Province, February and Cumulative January to February, 1961

Note: Data compiled from reports by mix manufacturers who report ice cream production and mix sales. Not comparable to old ice cream estimate of mix production x 2 because of variations in stocks and overrun

Province	February			January - February		
	Hard	Soft	Total	Hard	Soft	Total
	'000 gal.	'000 gal.	'000 gal.	'000 gal.	'000 gal.	'000 gal.
Prince Edward Island	10	-- 1/	10	22	-- 1/	22
Nova Scotia	90	1	91	169	1	170
New Brunswick	49	-- 1/	49	93	-- 1/	93
Quebec	494	3	497	978	5	983
Ontario	772	11	783	1,497	14	1,511
Manitoba	108	5	113	223	10	233
Saskatchewan	129	1	130	257	2	259
Alberta	180	11	191	367	21	388
British Columbia	230	17	247	443	30	473
Total	2,062	49	2,111	4,049	83	4,132

1/ Less than 500 gallons.

TABLE 3. - Milk Production and Utilization, by Province, January, 1960 and 1961

Province and Year	Total Milk Production	Utilization					
		Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales	
thousand pounds							
P.E.I.	1960	9,904 $\frac{1}{2}$	4,921 $\frac{1}{2}$	187	1,870	681	2,245
	1961	11,498 $\frac{1}{2}$	6,986 $\frac{1}{2}$	164	1,850	453	2,045
N.S.	1960	27,602 $\frac{1}{2}$	6,176 $\frac{1}{2}$	843	3,820	1,320	15,443
	1961	28,435 $\frac{1}{2}$	6,778 $\frac{1}{2}$	772	3,480	1,460	15,945
N.B.	1960	24,626	5,906	1,100	3,280	1,520	12,820
	1961	24,830	6,759	1,193	2,990	910	12,978
Que.	1960	278,689	100,550	2,364	22,300	10,200	143,275
	1961	281,343	105,112	1,310	21,200	10,400	143,321
Ont.	1960	400,826	187,912	960	18,200	16,900	176,854
	1961	400,932	183,151	960	18,200	18,500	180,121
Man.	1960	69,523 $\frac{1}{2}$	27,897 $\frac{1}{2}$	2,621	8,110	4,120	26,775
	1961	73,447 $\frac{1}{2}$	33,127 $\frac{1}{2}$	2,036	6,830	4,470	26,984
Sask.	1960	85,326	32,305	4,586	14,400	6,480	27,555
	1961	87,219	35,230	4,352	13,400	5,530	28,707
Alta.	1960	95,294 $\frac{1}{2}$	45,070 $\frac{1}{2}$	4,446	11,400	4,910	29,468
	1961	104,852 $\frac{1}{2}$	54,849 $\frac{1}{2}$	3,206	11,400	5,230	30,167
B.C.	1960	52,153 $\frac{1}{2}$	8,706 $\frac{1}{2}$	608	2,590	2,010	38,239
	1961	59,339 $\frac{1}{2}$	15,202 $\frac{1}{2}$	585	2,530	2,320	38,702
Totals	1960	1,060,195	435,695	17,715	85,970	48,141	472,674
	1961	1,086,175	461,474	14,578	81,880	49,273	478,970

$\frac{1}{2}$ The milk equivalent of concentrated whole milk products is excluded to avoid disclosing individual company operations. It is included in totals.

TABLE 4. - Milk Equivalent of Factory Products and Fluid Sales, by Province, January, 1960 and 1961

Province and Year		Creamery Butter	Cheese	Concentrated Milk	Ice Cream Mix	Fluid Milk	Fluid Cream
thousand pounds of milk							
P.E.I.	1960	4,399	352	1/	170	1,994	251
	1961	6,716	66	1/	204	1,834	211
N.S.	1960	4,680	-	1/	1,496	13,790	1,653
	1961	5,452	-	1/	1,326	14,342	1,603
N.B.	1960	4,961	231	-	714	11,365	1,455
	1961	5,780	231	-	748	11,479	1,499
Que.	1960	67,322	15,895	9,037	8,296	120,153	23,122
	1961	66,994	20,643	9,553	7,922	121,355	21,966
Ont.	1960	110,916	32,260	32,938	11,798	149,833	27,021
	1961	116,532	22,009	32,744	11,866	152,830	27,291
Man.	1960	25,553	338	1/	2,006	20,825	5,950
	1961	30,584	469	1/	2,074	21,450	5,534
Sask.	1960	30,022	209	-	2,074	23,040	4,515
	1961	33,088	-	-	2,142	24,192	4,515
Alta.	1960	40,763	1,111	1/	3,196	24,840	4,628
	1961	50,263	1,254	1/	3,332	25,585	4,582
B.C.	1960	4,563	539	1/	3,604	30,699	7,540
	1961	10,015	1,243	1/	3,944	31,313	7,389
Totals	1960	293,179	50,935	58,227	33,354	396,539	76,135
	1961	325,424	45,915	56,577	33,558	404,380	74,590

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

TABLE 5. - Milk Utilization: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, January, 1961

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.	58	1	2	61	18	1	16	4
N.S.	19	-	5	24	56	3	12	5
N.B.	23	1	3	27	52	5	12	4
Que.	24	7	6	37	51	-	8	4
Ont.	29	5	11	45	45	-	5	5
Man.	42	-	3	45	37	3	9	6
Sask.	38	-	3	41	33	5	15	6
Alta.	48	1	3	52	29	3	11	5
B.C.	17	2	7	26	65	1	4	4
Canada	30	4	8	42	44	1	8	5

TABLE 6. - Butter Made on Farms, by Province, January 1956 to 1961

Province	1961	1960	1959	1958	1957	1956
	thousand pounds					
P.E.I.	7	8	10	14	21	20
N.S.	33	36	33	39	48	44
N.B.	51	47	50	77	74	69
Que.	56	101	102	83	100	127
Ont.	41	41	53	57	59	72
Man.	87	112	113	120	100	112
Sask.	186	196	225	251	260	314
Alta.	137	190	176	205	189	209
B.C.	25	26	26	23	30	33
Totals	623	757	788	869	881	1,000

TABLE 7. - 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, 1959 and 1960, January and February, 1960 and 1961

Province	December		January		February	
	1960	1959	1961	1960	1961	1960
	percentages					
P.E.I.	74.8	73.6	63.0	59.8	53.0	49.9
N.S.	72.1	68.1	68.5	67.0	67.5	66.5
N.B.	68.0	67.1	58.1	59.2	49.2	54.8
Que.	61.5	62.6	43.8	45.8	36.3	37.6
Ont.	64.3	66.2	59.7	59.6	58.4	58.1
Man.	53.2	56.8	52.1	55.5	52.5	55.3
Sask.	54.5	55.1	52.9	54.3	56.7	53.8
Alta.	58.3	60.5	57.8	58.2	58.1	58.5
B.C.	73.1	70.5	71.1	68.6	72.6	69.4
Canada	62.8	63.9	55.6	56.1	52.7	52.9

B. - Milk Production Per Cow: Averages for all Cows and for Cows Milked, by Province, January 1961, February 1960 and 1961

Province	All Cows			Cows Milked		
	January 1961	February 1961	February 1960	January 1961	February 1961	February 1960
	pounds					
P.E.I.	12.3	11.1	9.7	19.5	20.9	19.5
N.S.	15.1	15.3	14.8	22.1	22.7	22.2
N.B.	11.5	10.1	11.2	19.9	20.4	20.5
Que.	9.1	8.5	8.7	20.8	23.3	23.1
Ont.	16.8	17.2	17.3	28.1	29.5	29.8
Man.	12.9	13.4	14.2	24.8	25.5	25.7
Sask.	13.4	15.2	13.8	25.3	26.8	25.7
Alta.	15.4	16.3	16.6	26.7	28.1	28.3
B.C.	20.1	20.1	19.2	28.2	27.8	27.6
Canada	13.8	13.9	13.8	24.9	26.3	26.1

TABLE 8. - Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province
January, 1960 and 1961

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.	1960	105	8	29	8	79	-	229
	1961	161	2	9	7	74	-	253
N.S.	1960	112	-	56	49	692	3	912
	1961	130	-	63	46	724	4	967
N.B.	1960	115	6	24	48	547	9	749
	1961	136	5	24	49	542	8	764
Que.	1960	1,711	451	500	643	5,407	4	8,716
	1961	1,709	559	531	604	5,461	2	8,866
Ont.	1960	2,783	886	1,309	657	7,267	3	12,905
	1961	2,869	563	1,231	641	7,412	3	12,719
Man.	1960	570	10	57	136	929	1	1,703
	1961	691	13	60	126	991	1	1,882
Sask.	1960	699	6	52	114	1,094	1	1,966
	1961	766	-	53	112	1,137	1	2,069
Alta.	1960	943	31	177	131	1,148	2	2,432
	1961	1,164	34	184	130	1,187	2	2,701
B.C.	1960	111	14	352	448	1,747	1	2,673
	1961	238	32	446	429	1,754	1	2,900
Totals	1960	7,149	1,412	2,556	2,234	18,910	24	32,285
	1961	7,864	1,208	2,601	2,144	19,282	22	33,121

TABLE 9. - Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, January, 1960 and 1961

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.	1960	67.9	2.29	2.81	4.04	67	2.86
	1961	68.7	2.29	3.10	4.02	63	2.78
N.S.	1960	68.0	-	2.78	5.02	61	4.10
	1961	68.0	-	2.85	5.05	60	4.07
N.B.	1960	66.0	2.48	3.30	4.81	64	3.93
	1961	67.0	2.27	3.27	4.72	64	3.81
Que.	1960	72.5	2.84	2.88	4.50	63	3.57
	1961	72.8	2.71	3.04	4.50	63	3.57
Ont.	1960	71.6	2.75	2.93	4.85	63	3.54
	1961	70.2	2.56	2.76	4.85	64	3.50
Man.	1960	63.7	2.73	2.81	4.46	62	3.11
	1961	64.5	2.77	2.84	4.62	63	3.13
Sask.	1960	66.4	2.65	2.53	4.75	60	3.28
	1961	66.1	-	2.47	4.70	60	3.23
Alta.	1960	66.0	2.84	2.86	4.62	60	3.13
	1961	66.1	2.66	2.86	4.64	60	3.06
B.C.	1960	69.4	2.59	2.28	5.69	58	4.58
	1961	67.8	2.55	3.16	5.60	58	4.52
Canada	1960	69.6	2.77	2.79	4.77	62	3.55
	1961	69.0	2.63	2.86	4.77	62	3.52

TABLE 10. - Creamery Butter: Domestic Disappearance for January and January to December, 1952 to 1961

Year	January		January to December	
	Total '000 lb.	Per Capita lb.	Total '000 lb.	Per Capita lb.
1952	19,408	1.34	274,911	19.01
1953	20,640	1.39	285,723	19.25
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	19,856	1.12	287,783	16.15
1961	21,224 <u>1/</u>	1.18	-	-

1/ Subject to adjustment for exports.

TABLE 11. - Cheese, Supply and Disposition, Canada, January, 1957 to 1961

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						
1957	39,651	2,421	2	676	35,709	5,689
1958	52,021	2,460	-	40	49,240	5,201
1959	46,774	2,570	1	344	43,177	5,824
1960	52,532	3,777	- - <u>1/</u>	414	50,061	5,834
1961	55,234	3,304	3	.. <u>2/</u>	50,337	8,204 <u>3/</u>
Process Cheese						
1957	3,750	3,332	-	26	3,582	3,474
1958	2,799	3,807	-	12	3,234	3,360
1959	3,361	3,434	-	6	3,310	3,479
1960	3,567	3,984	-	6	3,539	4,006
1961	3,919	3,980	-	.. <u>2/</u>	3,899	4,000 <u>3/</u>
Other Cheese (hard and soft varieties)						
1960	3,209	874	764	3	3,076	1,768
1961	3,358	889	1,050	.. <u>2/</u>	3,027	2,270 <u>3/</u>

1/ Less than 500 pounds.

2/ Not yet available.

3/ Subject to adjustment for exports.

TABLE 12. - Condensed, Evaporated and Powdered Milk Products, Supply and Disposition, Canada, January 1957 to 1961

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						
1957	38,045	13,706	-	146	24,864	26,741
1958	47,878	13,182	-	491	36,893	23,676
1959	47,781	14,415	-	430	36,337	25,429
1960	44,598	17,945	-	319	23,360	38,864
1961	45,453	16,430	-	.. 1/	34,871	27,012
Condensed Whole Milk						
1957	794	1,413	5	331	672	1,209
1958	936	1,063	-	-	861	1,138
1959	608	1,044	-	-	599	1,053
1960	722	994	-	-	680	1,036
1961	887	1,479	-	.. 1/	1,148	1,218
Whole Milk Powder						
1957	1,492	694	23	703	1,351	155
1958	3,712	780	25	1,982	2,798	... 2/
1959	2,684	1,235	4	1,240	2,252	431
1960	1,418	1,482	2	857	1,627	418
1961	6,475	1,574	4	.. 1/	4,372	3,681
Skim Milk Powder						
1957	7,978	3,071	1,681	196	6,097	6,437
1958	47,838	6,831	-	19	47,853	6,797
1959	77,313	7,022	-	11,995	75,205	... 2/
1960	21,942	7,450	-	4,523	17,313	7,556
1961	24,098	8,227	2	.. 1/	23,096	9,231
Evaporated Skim Milk						
1957	11	593	-	-	15	589
1958	10	511	-	-	13	508
1959	82	521	-	-	97	506
1960	86	302	-	-	123	265
1961	78	665	-	-	82	661

1/ Not yet available.

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

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

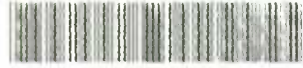
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