

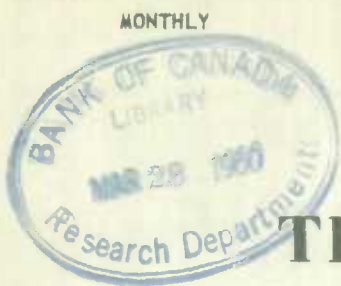
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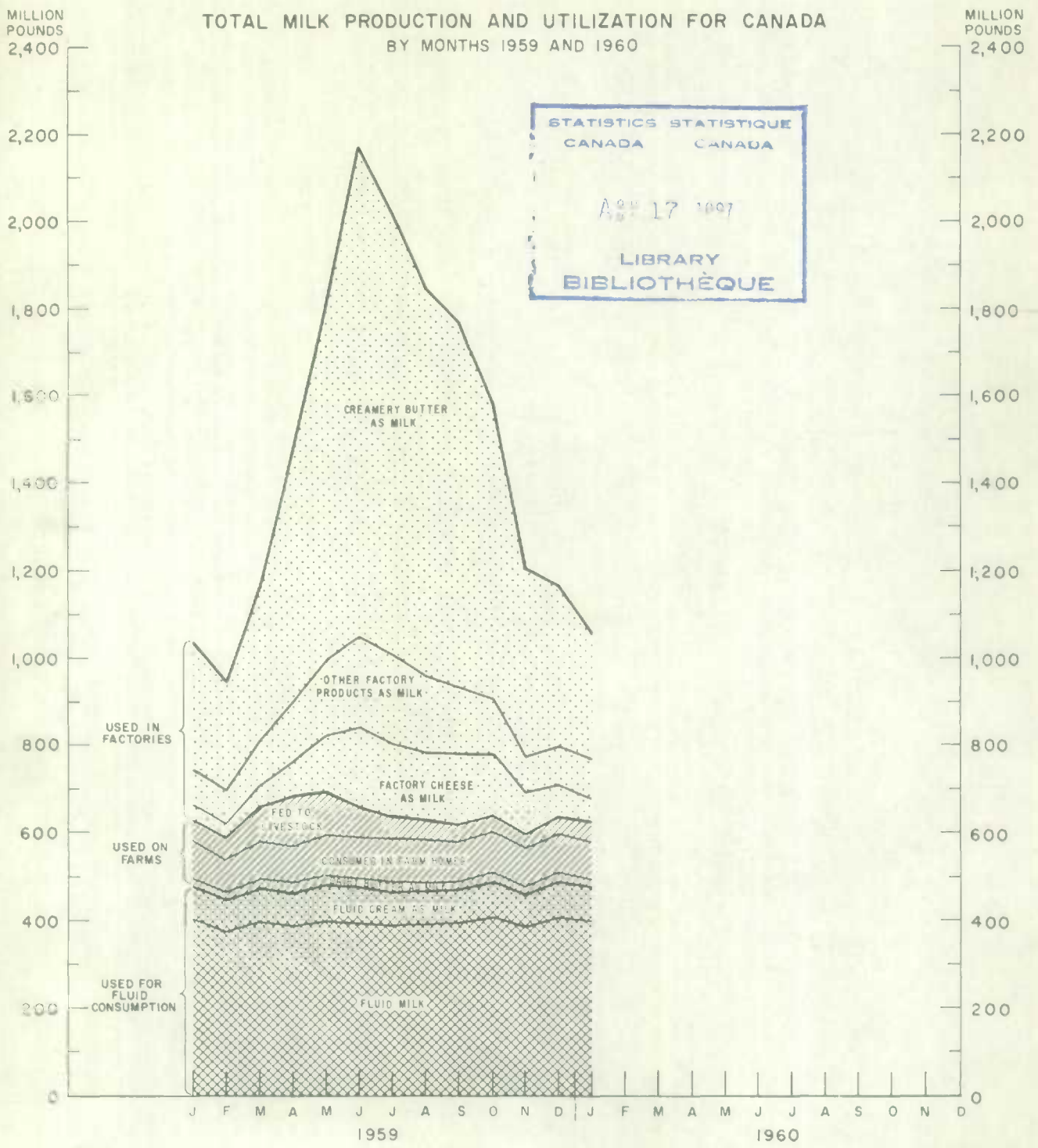


THE DAIRY REVIEW

Volume No. XXI, Report No. 2

FEBRUARY 1960

Price: \$2.00 per year



5503-504-10

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PRELIMINARY INDICATIONS OF THE DAIRY SITUATION, FEBRUARY, 1960

The preliminary estimate for milk production in February is 1,032,000,000 pounds, an increase of 8.9 per cent over production in February, 1959. This increase may be partly explained by the extra day in February, 1960. During the first two months of the year, milk production reached 2,088,000,000 pounds, 5.3 per cent higher than production in the corresponding two months last year.

Dairy factory products in February utilized 421,000,000 pounds of milk or 40 per cent of total milk production. For comparison, in June, dairy factory products usually utilize about 70 per cent of total milk production. Utilization in February, however, was a remarkable 17 per cent higher than in the same month a year earlier. Creamery butter manufacture during the month used 281,000,000 pounds or 12 per cent more milk than in February, 1959. Thirty-three per cent more milk was used for both cheese and concentrated whole milk products. Ice cream production utilized 37,000,000 pounds of milk, 16 per cent more than in February last year.

TABLE 1. - Milk Equivalent of Dairy Factory Products, February, January and February, 1959 and 1960

Product	February			January and February		
	1959	1960	Percentage Change	1959	1960	Percentage Change
	'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	251,245	280,800	(+) 11.8	544,308	571,264	(+) 5.0
Factory Cheese ^{1/}	31,198	41,648	(+) 33.5	67,283	89,471	(+) 33.0
Concentrated Whole Milk Products	45,931	61,262	(+) 33.4	95,562	119,877	(+) 25.4
Ice Cream	31,977	37,247	(+) 16.5	62,696	70,312	(+) 12.1
Totals	360,351	420,957	(+) 16.8	769,849	850,924	(+) 10.5

^{1/} Data include cheddar and other whole milk and cream cheese.

The pronounced increase in milk utilization for dairy factory products did not appear to carry through to fluid sales. In January, fluid sales of milk and cream were only equal to sales in January, 1959. For the purpose of the preliminary estimate, fluid sales were assumed to have exceeded sales in February, 1959, by about 4.5 per cent which allows for the average increase of November, December and January over the corresponding period a year earlier and for the additional day in February this year.

From the monthly survey of farms keeping milk cows, indications are that about 148,000,000 pounds of milk was used on farms during February. This is an increase of 2 per cent over the corresponding total for February, 1959. Milk and cream consumed in farm homes was 3 per cent above consumption in February last year. For the first two months of 1960, it was 1 per cent above consumption in the same months last year. Milk fed to livestock was 4 per cent greater than in the corresponding month last year, both for January and February. Milk cow numbers on farms covered by the survey were reported to be about 1 per cent higher than at February 15, 1959 and 1.5 per cent more cows were reported milking.

Farm Milk Production, Utilization and Income in January, 1960

Farm Milk Production: The estimated quantity of milk produced on farms in January amounted to 1,055,379,000 pounds, an increase of 20 million pounds or 1.9 per cent above that of January, 1959. Of this amount, 430 million pounds or 40 per cent was utilized in factory production and approximately 474 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 473,735,000 pounds in January, a decrease of approximately 706 thousand pounds in comparison with January of the previous year. This included about 398 million pounds of fluid milk, comprising about 38 per cent of the farm milk supply, and fluid cream sales of 76 million pounds representing 7 per cent.

Farm Butter: Butter made on farms in January amounted to 746,000 pounds, decreasing 5 per cent from the corresponding month in 1959.

Farm Cash Income: Cash income from the sale of dairy products in January amounted to \$32,089,000. This represented an increase of approximately 1.8 per cent or \$561,000 in comparison with the same month last year. The weighted average price of \$3.55 per hundred pounds of milk was 1 cent lower than January, 1959. Fluid milk at \$4.77 per hundred was 8 cents higher than January, 1959. Creamery butter-fat decreased from 68.7 cents to 67.5 cents per pound, and farm butter at 62 cents was 4 cents higher than in January, 1959. Milk used in manufacture decreased from \$3.08 per hundred in January, 1959, to \$2.89 per hundred in January, 1960. Cheese milk declined to \$2.76 per hundred, a decline of 7 cents per hundred in comparison with the same month a year earlier.

Production and Prices of Dairy Products in January, 1960

CREAMERY BUTTER

Production: Creamery butter production amounted to 12.4 million pounds in January, 1960. This was 0.1 million pounds or approximately 1 per cent less 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 95.7 million pounds, approximately 13.4 million pounds higher than at February 1, last year. On January 1, 1960, stock holdings at 105.5 million pounds were 11.8 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 117.9 million pounds at January 31, 1960. This was an increase of approximately 11.7 million pounds compared to the corresponding supply figure at January 31, 1959.

Domestic Disappearance: The domestic disappearance of creamery butter in January, amounted to 19.3 million pounds, a decrease of 4.6 million pounds or 19 per cent from the corresponding figure for the same month last year. On a per capita basis it amounted to 1.09 pounds as compared with 1.37 pounds in January, 1959.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 64 cents per pound in January as against 64 cents in January, 1959.

CHEDDAR CHEESE

Production: Cheddar cheese production amounted to approximately 3.5 million pounds, an increase of about 1.0 million pounds compared to production in the same month of the previous year.

Prices: The Montreal price of Ontario coloured cheese averaged 32 1/4 cents per pound in January. The comparative price in 1959 was 36 cents.

ICE CREAM

The quantity of ice cream manufactured in January was approximately 1.9 million gallons or 138 thousand gallons more than that produced a year ago.

TABLE 2. - Milk Production and Utilization, by Province, January, 1959 and 1960

Province and Year	Total Milk Production	Utilization					
		Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales	
		thousand pounds					
P.E.I.	1959	10,771 ^{1/}	6,035 ^{1/}	234	1,880	494	2,128
	1960	9,904 ^{1/}	4,921 ^{1/}	187	1,870	681	2,245
N.S.	1959	29,578 ^{1/}	8,295 ^{1/}	772	3,790	1,310	15,411
	1960	27,565 ^{1/}	6,116 ^{1/}	866	3,820	1,320	15,443
N.B.	1959	25,879	6,828	1,170	3,450	1,230	13,201
	1960	24,806	5,854	1,100	3,280	1,590	12,982
Que.	1959	253,883	77,048	2,387	21,700	8,980	143,768
	1960	277,522	98,358	2,223	22,300	10,200	144,441
Ont.	1959	391,944	176,750	1,240	19,200	17,900	176,854
	1960	397,046	184,250	842	18,200	16,900	176,854
Man.	1959	73,791 ^{1/}	32,089 ^{1/}	2,644	8,260	4,140	26,658
	1960	69,129 ^{1/}	27,606 ^{1/}	2,785	8,110	4,120	26,508
Sask.	1959	85,944	33,459	5,265	14,400	5,480	27,340
	1960	85,210	32,329	4,446	14,400	6,480	27,555
Alta.	1959	94,602 ^{1/}	43,742 ^{1/}	4,118	11,700	4,220	30,822
	1960	95,270 ^{1/}	45,046 ^{1/}	4,446	11,400	4,910	29,468
B.C.	1959	53,060 ^{1/}	9,373 ^{1/}	608	2,720	2,100	38,259
	1960	51,940 ^{1/}	8,500 ^{1/}	561	2,590	2,050	38,239
Totals	1959	1,035,331	409,498	18,438	87,100	45,854	474,441
	1960	1,055,379	429,967	17,456	85,970	48,251	473,735

^{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, 1959 and 1960

Province and Year		Creamery Butter	Cheese	Concentrated Milk	Ice Cream	Fluid Milk	Fluid Cream
thousand pounds of milk							
P.E.I.	1959	5,546	319	<u>1/</u>	170	1,864	264
	1960	4,399	352	<u>1/</u>	170	1,994	251
N.S.	1959	7,020	-	<u>1/</u>	1,275	13,790	1,621
	1960	4,586	-	<u>1/</u>	1,530	13,790	1,653
N.B.	1959	5,827	253	-	748	11,716	1,485
	1960	4,937	220	-	697	11,482	1,500
Que.	1959	53,539	10,922	5,583	7,004	121,319	22,449
	1960	66,222	14,807	9,050	8,279	121,319	23,122
Ont.	1959	114,988	22,492	28,169	11,101	149,833	27,021
	1960	109,910	30,236	32,578	11,526	149,833	27,021
Man.	1959	29,976	328	<u>1/</u>	1,785	20,825	5,833
	1960	25,319	349	<u>1/</u>	1,938	20,617	5,891
Sask.	1959	31,309	110	-	2,040	23,040	4,300
	1960	30,046	209	-	2,074	23,040	4,515
Alta.	1959	39,944	891	<u>1/</u>	2,907	26,147	4,675
	1960	40,739	1,111	<u>1/</u>	3,196	24,840	4,628
B.C.	1959	4,914	770	<u>1/</u>	3,689	31,009	7,250
	1960	4,306	539	<u>1/</u>	3,655	30,699	7,540
Totals	1959	293,063	36,085	49,631	30,719	399,543	74,898
	1960	290,464	47,823	58,615	33,065	397,614	76,121

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, 1960

Province	Used in Manufacture				Used for Fluid Sales	Used on Farms		
	Creamery Butter	Cheese	Conc. Milk and Ice Cream	Total		for Farm Butter	in Farm Homes	Pail Fed to Animals
	percentages							
P.E.I.	44	4	2	50	22	2	19	7
N.S.	17	-	5	22	56	3	14	5
N.B.	20	1	3	24	52	5	13	6
Que.	24	5	6	35	52	1	8	4
Ont.	28	8	11	47	44	-	5	4
Man.	37	-	3	40	38	4	12	6
Sask.	35	-	3	38	32	5	17	8
Alta.	43	1	3	47	31	5	12	5
B.C.	8	1	7	16	74	1	5	4
Canada	27	4	9	40	45	2	8	5

TABLE 5. - Butter Made on Farms, by Province, January 1955 to 1960

Province	1960	1959	1958	1957	1956	1955
	thousand pounds					
P.E.I.	8	10	14	21	20	25
N.S.	37	33	39	48	44	43
N.B.	47	50	77	74	69	91
Que.	95	102	83	100	127	109
Ont.	36	53	57	59	72	66
Man.	119	113	120	100	112	124
Sask.	190	225	251	260	314	327
Alta.	190	176	205	189	209	231
B.C.	24	26	23	30	33	40
Totals	746	788	869	881	1,000	1,056

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, 1958 and 1959, January and February, 1959 and 1960

Province	December		January		February	
	1959	1958	1960	1959	1960	1959
	percentages					
P.E.I.	73.6	75.0	59.8	65.7	49.9	54.7
N.S.	68.1	72.3	67.0	70.3	66.5	68.5
N.B.	67.1	68.2	59.2	60.5	54.8	52.0
Que.	62.6	61.1	45.8	42.0	37.6	36.2
Ont.	66.2	65.2	59.6	60.2	58.1	57.1
Man.	56.8	59.1	55.5	56.5	55.3	56.4
Sask.	55.1	56.9	54.3	55.7	53.8	55.5
Alta.	60.5	60.3	58.2	58.6	58.5	58.0
B.C.	70.5	73.3	68.6	73.0	69.4	72.9
Canada	63.9	63.9	56.1	56.4	52.9	52.8

B. - Milk Production per Cow: Averages for all Cows and for Cows Milked, by Province, January 1960, February 1959 and 1960

Province	All Cows			Cows Milked		
	January 1960	February 1960	February 1959	January 1960	February 1960	February 1959
	pounds					
P.E.I.	11.1	9.7	11.0	18.6	19.5	20.2
N.S.	14.4	14.8	15.5	21.4	22.2	22.7
N.B.	11.0	11.2	10.5	18.6	20.5	20.1
Que.	9.2	8.7	8.2	20.0	23.1	22.5
Ont.	16.9	17.3	17.1	28.3	29.8	29.9
Man.	13.5	14.2	15.0	24.2	25.7	26.5
Sask.	13.4	13.8	13.9	24.6	25.7	25.1
Alta.	15.3	16.6	16.0	26.4	28.3	27.6
B.C.	18.6	19.2	21.1	27.0	27.6	28.9
Canada	13.6	13.8	13.8	24.2	26.1	26.1

TABLE 7. - Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province
January, 1959 and 1960

Province and Year		Creamery Butter-fat	Cheese Milk	Milk for Ice Cream and Concentration	Fluid Cream	Fluid Milk	Farm Butter	Total
thousand dollars								
P.E.I.	1959	138	7	40	9	75	-	269
	1960	105	8	29	8	81	-	231
N.S.	1959	164	-	77	49	692	4	986
	1960	109	-	71	49	692	4	925
N.B.	1959	136	6	25	50	551	8	776
	1960	114	5	23	50	552	9	753
Que.	1959	1,298	321	362	624	5,435	4	8,044
	1960	1,683	409	500	643	5,459	4	8,698
Ont.	1959	2,878	631	1,112	692	6,997	3	12,313
	1960	2,548	836	1,282	662	7,297	3	12,628
Man.	1959	667	9	41	132	916	2	1,767
	1960	565	10	1	134	918	1	1,673
Sask.	1959	720	3	49	104	1,085	1	1,962
	1960	696	6	52	114	1,085	1	1,954
Alta.	1959	927	23	160	133	1,211	2	2,456
	1960	945	32	183	131	1,153	2	2,446
B.C.	1959	130	20	610	430	1,764	1	2,955
	1960	105	13	467	448	1,747	1	2,781
Totals	1959	7,058	1,020	2,476	2,223	18,726	25	31,528
	1960	6,870	1,319	2,652	2,239	18,984	25	32,089

TABLE 8. - Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, January, 1959 and 1960

Province and Year		Creamery Butter-fat	Cheese Milk	Milk for Ice Cream 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.	1959	70.9	2.26	2.98	4.00	64	2.89
	1960	67.9	2.26	2.89	4.04	67	2.89
N.S.	1959	66.5	-	2.72	5.02	60	3.88
	1960	68.0	-	2.65	5.02	61	4.05
N.B.	1959	66.5	2.45	3.34	4.70	64	3.82
	1960	66.0	2.45	3.31	4.81	64	3.93
Que.	1959	69.2	2.93	2.88	4.48	64	3.64
	1960	72.5	2.77	2.89	4.50	63	3.58
Ont.	1959	71.4	2.81	2.83	4.67	63	3.48
	1960	66.1	2.77	2.91	4.87	63	3.50
Man.	1959	63.5	2.64	2.27	4.40	62	3.00
	1960	63.7	2.73	2.29	4.45	62	3.09
Sask.	1959	65.6	2.45	2.42	4.71	59	3.22
	1960	66.1	2.65	2.53	4.71	60	3.26
Alta.	1959	66.2	2.65	2.89	4.63	59	3.18
	1960	66.2	2.90	2.90	4.64	60	3.15
B.C.	1959	75.6	2.57	4.29	5.69	59	5.08
	1960	69.5	2.38	3.01	5.69	58	4.74
Canada	1959	68.7	2.83	3.08	4.69	58	3.56
	1960	67.5	2.76	2.89	4.77	62	3.55

TABLE 9. - Creamery Butter: Supply and Disposition, Canada, January, 1956 to 1960

Year	Stocks Beginning	Production	Imports	Exports	Stocks End	Domestic Disappearance	
						Total	Per Capita
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	lb.
1956	100,566	11,741	-	1,995	88,324	21,988	1.37
1957	88,163	9,565	-	3	72,699	25,026	1.51
1958	69,976	12,818	-	-	58,290	24,504	1.44
1959	93,707	12,524	- - 1/	-	82,307	23,924	1.37
1960	105,473	12,413	1	2,897	95,685	19,305	1.09

1/ Less than 500 pounds.

TABLE 10. - Cheese, Supply and Disposition, Canada, January, 1956 to 1960

Year	Stocks Beginning	Production	Imports	Exports	Stocks End	Domestic Disappearance
						January '000 lb.
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.

Cheddar Cheese

1956	38,249	2,001	- - 1/	1,394	36,238	2,618
1957	39,651	2,421	2	676	35,709	5,689
1958	52,021	2,460	-	40	49,240	5,201
1959	46,774	2,549	-	344	43,177	5,802
1960	52,507	3,508	- - 1/	414	49,456	6,145

Process Cheese

1956	3,205	3,803	-	6	3,173	3,829
1957	3,721	3,151	-	26	3,490	3,356
1958	2,753	3,702	-	12	3,189	3,254
1959	3,297	3,320	-	6	3,229	3,382
1960	3,510	3,831	-	6	3,456	3,879

Other Cheese (hard and soft varieties)

1959	2,646	749	1,175	3	2,442	2,125
1960	3,214	860	764	3	3,133	1,702

1/ Less than 500 pounds.

TABLE 11. - Condensed, Evaporated and Powdered Milk Products, Supply and Disposition
Canada, January 1956 to 1960

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						
1956	47,729	14,970	-	190	40,452	22,057
1957	38,045	13,706	-	146	24,864	26,741
1958	47,878	13,182	-	491	36,893	23,676
1959	47,781	14,734	-	430	36,337	25,748
1960	44,598	18,265	-	319	23,360	39,184
Condensed Whole Milk						
1956	1,127	1,061	2	58	1,052	1,080
1957	794	1,413	5	331	672	1,209
1958	936	1,063	-	-	861	1,138
1959	608	1,043	-	-	599	1,052
1960	722	995	-	-	680	1,037
Whole Milk Powder						
1956	3,123	756	1	750	2,691	439
1957	1,492	694	23	703	1,351	155
1958	3,712	780	25	1,982	2,798	... 1/
1959	2,684	1,235	4	1,240	2,252	431
1960	1,418	1,480	3	857	1,627	417
Skim Milk Powder						
1956	13,411	3,850	945	248	12,832	5,126
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	7,332	-	11,995	75,205	... 1/
1960	21,834	6,372	-	4,523	17,304	6,379
Evaporated Skim Milk						
1956	10	728	-	-	30	708
1957	11	593	-	-	15	589
1958	10	511	-	-	13	508
1959	82	521	-	-	97	506
1960	86	310	-	-	123	273

1/ Since the stocks and exports exceed the total supply, disappearance data are not shown for the month indicated.

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

Issued Friday, March 25, 1960.

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

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