MONTHLY

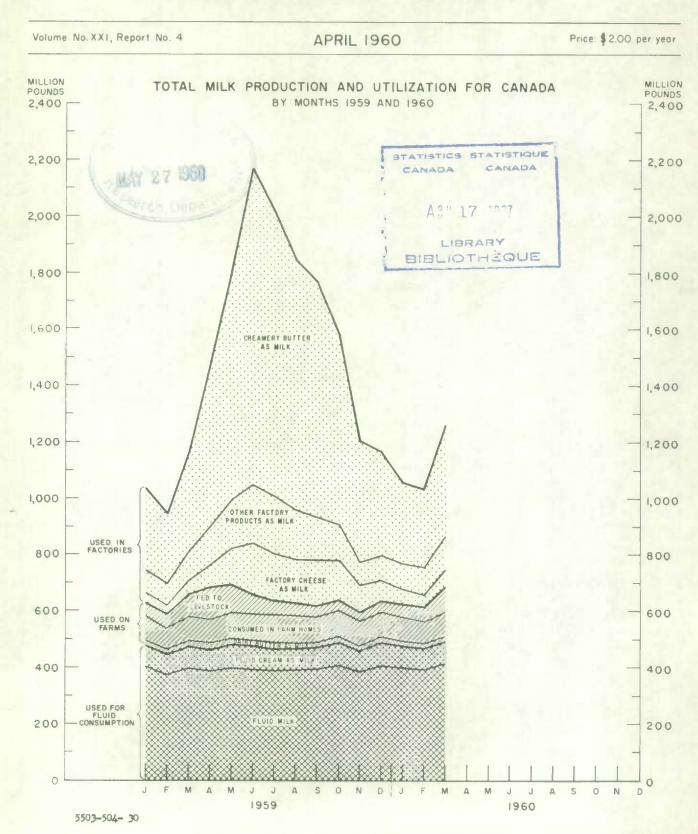


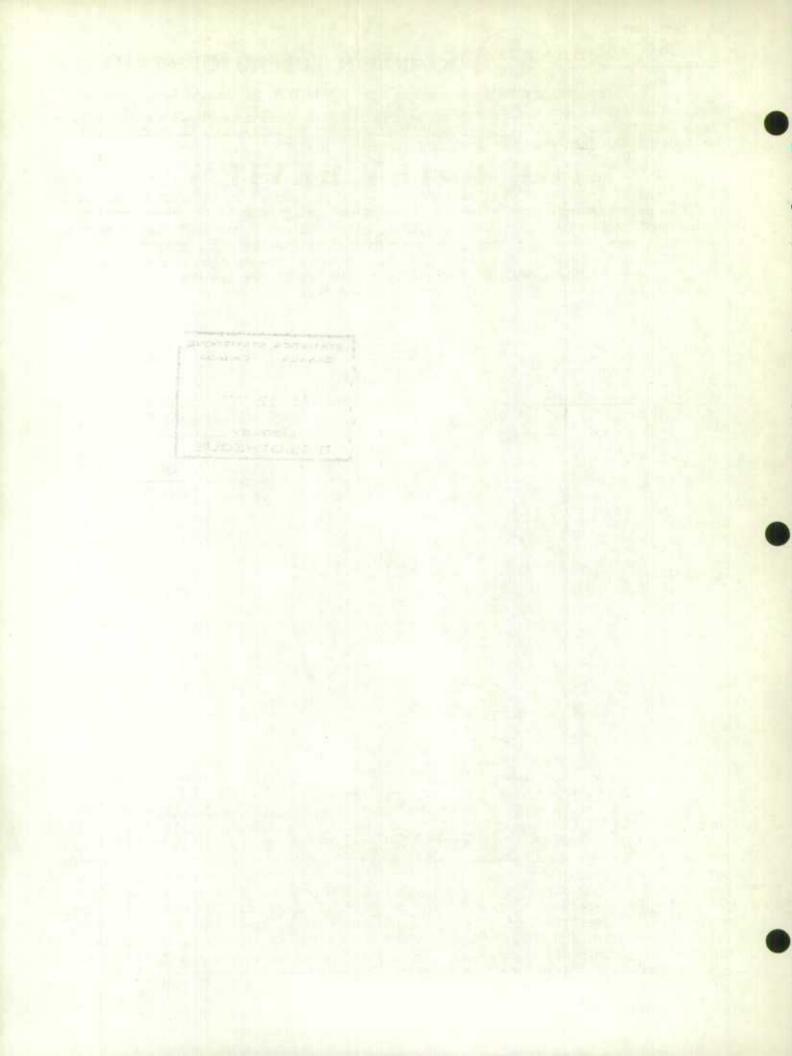
## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

## THE DAIRY REVIEW





Preliminary indications are that 1,538,000,000 pounds of milk were produced in April, 4.4 per cent more than production in April last year. In the first four months of 1960, milk production amounted to 4,886,000,000 pounds, 5.8 per cent higher than the corresponding period of 1959.

Dairy Factory products utilized 840,000,000 pounds of milk during April, an increase of 6 per cent over utilization in April, 1959. In the first four months of 1960, dairy factories utilized 10 per cent more milk than in the corresponding period last year. Creamery butter manufacture, which was 5 per cent higher than in April last year, accounted for 72 per cent of the milk going into dairy factories. The utilization of milk for cheddar and other types of cheese remained sharply higher than in the corresponding period last year, showing an increase of 18 per cent in April, 28 per cent for the first four months. The production of concentrated whole milk products and ice cream during the month also used more milk than in April 1959.

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

		April		January - April		
Product	1959	1960	Percentage Change	1959	1960	Percentage Change
	1000 lb.	1000 lb.	%	'000 lb.	1000 lb.	%
Creamery Butter Factory Cheese 1/	573,463 78,735	601,918 93,268	(+) 5.0 (+) 18.5	1,470,035	1,565,740 246,873	(+) 6.5 (+) 28.2
Concentrated Whole Milk Products Ice Gream	85,520 52,496	90,356 54,604	(+) 5.7 (+) 4.0	244,762 156,927	283,122 170,034	(+) 15.7 (+) 8.4
Totals	790,214	840,146	(+) 6.3	2,064,294	2,265,769	(+) 9.8

<sup>1/</sup> Data include cheddar and other whole milk and cream cheese.

Fluid sales of milk and cream in March were 3.6 per cent higher than in March 1959, but for the purpose of the preliminary estimate, it was assumed that 2.8 per cent more milk and cream was consumed than in April last year. This is the average increase of fluid sales in the first quarter of 1960 over the first three months of 1959.

From the monthly survey of farms keeping milk cows, indications are that about 224,000,000 pounds of milk were used on farms during April. This is about 1 per cent higher than in April last year. From January to April, about 715,000,000 pounds of milk were used on farms, an increase of 2 per cent over the corresponding period of last year. Milk consumed in farm homes during April amounted to 87,000,000 pounds, and for the first four months, 339,000,000 pounds. This is an increase of 1.5 per cent over corresponding periods a year earlier. About 117,000,000 pounds of milk was fed to livestock in April, 1.5 per cent more than in April last year. In the first four months, 305,000,000 pounds of milk were fed to livestock, 4.5 per cent more than in the corresponding period of 1959. Farm butter continues a downward trend with 4.5 per cent less butter being made so far this year.

On farms covered by the survey, milk production per cow was reported to be over 2 per cent greater than at this time last year, and a greater number of cows were reported in the herd and being milked.

Farm Milk Production, Utilization and Income in March, 1960

Farm Milk Production: The estimated quantity of milk produced on farms in March amounted to 1,258,850,000 pounds, an increase of 96 million pounds or 8.3 per cent above that of March, 1959. Of this amount, 575 million pounds or 45 per cent was utilized in factory production, and approximately 492 million pounds or 39 per cent was used for fluid sales. During January - March, the estimated production was 3,348 million pounds, an increase of 202 million pounds above that produced in the same period of the previous year. The quantity of milk utilized for factory production in January - March amounted to 1,426 million pounds while fluid sales accounted for 1,431 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 491,580,000 pounds in March, an increase of approximately 17 million pounds in comparison with March of the previous year. This included about 413 million pounds of fluid milk, comprising about 33 per cent of the farm milk supply, and fluid cream sales of 79 million pounds representing 6 per cent. During the three month period, fluid sales totalled 1,430,724,000 pounds, an increase of 39 million pounds or approximately 2.8 per cent over those of the corresponding 1959 period.

Farm Butter: Butter made on farms in March amounted to 777,000 pounds, decreasing 2 per cent from the corresponding month in 1959. For January - March, 2,239,000 pounds were produced, a decrease of 5 per cent from the same period last year.

Farm Cash Income: Cash income from the sale of dairy products in March amounted to \$36,167,000. This represented an increase of approximately 7.4 per cent or \$2,494,000 in comparison with the same month last year. The weighted average price of \$3.39 per hundred pounds of milk was 5 cents lower than in March, 1959. Fluid milk at \$4.78 per hundred was 11 cents higher than in March, 1959. Creamery butter-fat decreased from 68.5 cents to 67.1 cents per pound, and farm butter at 62 cents was 2 cents higher than in March, 1959. Milk used in manufacture decreased from \$2.97 per hundred in March, 1959, to \$2.75 per hundred in March, 1960. Cheese milk increased to \$2.64 per hundred, an increase of 3 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 March, 1960

Creamery Butter

Production: Creamery butter production amounted to 16.8 million pounds in March, 1960. This was 1.7 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 April 1, amounted to 76.6 million pounds, approximately 14.9 million pounds higher than at April 1, last year. On March 1, 1960, stock holdings at 84.6 million pounds were 13.6 million pounds greater than at the same date a year earlier.

Supply: The quantity of creamery butter represented by stocks on March 1, plus production and imports during the month, amounted to 101.4 million pounds at March 31, 1960. This was an increase of approximately 15.4 million pounds compared to the corresponding supply figure at March 31, 1959.

Domestic Disappearance: The domestic disappearance of creamery butter in March, amounted to 24.7 million pounds, an increase of 0.5 million pounds or 2 per cent over the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.40 pounds as compared with 1.39 pounds in March, 1959.

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

Cheddar Cheese

Production: Cheddar cheese production amounted to approximately 4.8 million pounds, an increase of about 1.4 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 March. The comparative price in 1959 was 36 cents.

Ice Cream

The quantity of ice cream manufactured in March was approximately 2.7 million gallons or 199 thousand gallons more than that produced a year ago.

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

14		Total			Utilization	14	
Province an	d Year	Milk Production	Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales
				chousand	pounds		
P.E.I.	1959 1960	10,057 1/9,101 1/	4,790 <u>1/</u> 3,984 <u>1/</u>	2 <u>11</u> 187	1,830 1,660	1,060 959	2,166 2,311
N.S.	1959 1960	29,514 <u>1/</u> 29,780 <u>1/</u>	7,576 <u>1/</u> 6,711 <u>1</u> /	725 819	3,770 3,830	1,690 2,020	15,753
N.B.	1959 1960	27,030 28,159	7,160 6,963	1,076	3,250 3,070	2,220 3,250	13,324 13,659
Que.	1959 1960	290,867 335,859	97,692 130,818	2,012 2,597	20,800 22,800	27,400 33,600	142,963
Ont.	1959 1960	437,944 476,652	212,834 246,447	1,638	18,500 18,600	27,800 26,200	177,172 184,259
Man.	1959 1960	87,132 <u>1</u> / 87,841 <u>1</u> /	44,216 <u>1/</u> 43,717 <u>1</u> /	2,714 2,621	8,270 8,130	5,460 5,960	26,472 27,413
Sask.	1959 1960	98,268 101,620	44,878 45,487	5,218 4,727	14,200	6,550 7,490	27,422 29,516
Alta.	1959 1960	106,624 <u>1</u> / 114,021 <u>1</u> /	55,112 <u>1</u> / 61,090 <u>1</u> /	4,072 4,189	11,100	5,730 5,720	30,610 31,622
B.C.	1959 1960	56,705 <u>1</u> / 57,810 <u>1</u> /	11,762 1/11,475 1/	819 6 <b>7</b> 9	2,720 2,640	2,970 2,660	38,434 40,356
Totals	1959 1960	1,162,352 1,258,850	504,231 574,699	18,485 18,182	84,440 86,530	80,880 8 <b>7,</b> 859	47 <b>4</b> ,3 <b>1</b> 6 491,580

<sup>1/</sup> The milk equivalent of concentrated whole milk products is excluded to avoid disclosing individual company operations. It is included in totals.

TABLE 3. - Milk Production and Utilization: Cumulative Data, by Province, January to March, 1959 and 1960

		Total		Ū	Hilization		n de la com
Province a	nd Year	Milk Production	Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales
			-	thousand	pounds		
P.E.I.	1959 1960	29,756 <u>1</u> / 27,496 <u>1</u> /	15,224 <u>1/</u> 12,966 <u>1</u> /	632 538	5,440 5,140	2,157 2,117	6,303
N.S.	1959 1960	85,813 <u>1/</u> 84,559 <u>1/</u>	22,796 <u>1/</u> 18,870 <u>1</u> /	2,246 2,480	10,930	4,270 4,980	45,57 <b>1</b> 47,099
N.B.	1959 1960	75,783 76,513	19,199 17,871	3,322 3,370	9,630 9,300	4,780 6,540	38,852 39,432
Que.	1959 1960	760,468 866,189	225,249 310,315	6,622 6,318	61,400 65,600	45,540 54,700	421,657 429,256
Ont.	1959 1960	1,190,162 1,268,658	546,434 614,114	4,305 2,947	54,800 53,900	65,000 60,800	519,623 536,897
Man.	1959 1960	234,643 <u>1</u> / 230,567 <u>1</u> /	110,002 1/ 103,626 1/	7,979 7,886	24,050 23,700	15,060 15,600	77,552
Sask.	1959 1960	268,146 273,984	113,442	15,701 13,853	41,100 42,000	17,400 20,060	80,503 84,854
Alta.	1959 1960	292,548 <u>1/</u> 307,390 <u>1/</u>	142,451 <u>1</u> / 154,170 <u>1</u> /	12,028	33,200 33,200	14,930 15,980	89,939 90,912
B.C.	1959 1960	158,702 <u>1/</u> 160,151 <u>1/</u>	29,668 <u>1</u> / 28,165 <u>1</u> /	2,082 1,872	7,830 7,590	7,2 <b>7</b> 0 6,740	111,852
Totals	1959 1960	3,145,636 3,347,816	1,274,080	54,917 52,392	248,380 251,560	176,407	1,391,852

<sup>1/</sup> 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, March, 1959 and 1960

Province ar	nd Year	Creamery Butter	Cheese	Concentrated Milk	Ice Cream	Fluid Milk	Fluid Cream
			tho	usand pounds of	milk		
P.E.I.	1959 1960	4,399 3,697	187 66	1/	204 221	1,889	277 271
N.S.	1959 1960	5,944 4,773	=	1/	1,632	14,072	1,681
N.B.	1959 1960	5,850 5,663	341 297	= = =	969	11,704 12,055	1,620
Que.	1959 1960	64,093 89,458	13,092 18,513	11 <b>,2</b> 42 13,021	9,265 9,826	120,877	22,086 22,749
Ont.	1959	133,216 145,174	30,176 42,072	34,227 41,861	15,215 17,340	149,619	27,553 28,655
Man.	1959 1960	41,652 40,716	490 689	1/	2,074 2,312	20,586 21,409	5,886 6,004
Sask.	1959 1960	41,816	121 319	-	2,941 2,720	23,058	4,364
Alta.	1959	49,421 55,341	1,254	1/	4,437 4,352	25,881 26,657	4,729
B.C.	1959 1960	5,873 5,288	891 781	1/1/	4,998 5,406	30,881 32,425	7,553 7,931
Totals	1959 1960	352,264 392,558	46,552 64,134	63,680 72,889	41,735 45,118	398,567 412,792	75,749 78,788

<sup>1/</sup> 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, March, 1960

		Used in M	anufacture		Used	Use	ed on Fa	rms
Province	Creamery Butter	Cheese	Conc.Milk and Ice Cream	Total	for Fluid Sales	for Farm Butter	in Farm Homes	Pail Fed to Animals
				percent	ages			
P.E.I. N.S. N.B. Que. Ont. Man. Sask. Alta. B.C.	41 16 20 27 30 46 42 48 9	1 5 9 1 - 1 1	2 6 4 7 12 3 3 4 9	44 22 25 39 51 50 45 53 19	25 55 48 43 39 31 29 28 70	2 3 4 1 - 3 5 4 1	18 13 11 7 4 9 14 10 5	11 7 12 10 6 7 7 5 5
Canada	31	5	9	45	39	2	7	7

TABLE 6. - Butter Made on Farms, by Province, March and Cumulative January to March, 1959 and 1960

Province		March		January - March			
Hovinge	1960	1959	% of 1959	1960	1959	% of 1959	
	1000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%	
Prince Edward Island Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta Eritish Columbia	8 35 52 111 49 112 202 179 29	9 31 46 86 70 116 223 174 35	89 113 113 129 70 97 91 103 83	23 106 144 270 126 337 592 561 80	27 96 142 283 184 341 671 514 89	85 110 101 95 68 99 88 109 90	
Totals	ויויד	790	98	2,239	2,347	95	

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, February, 1959 and 1960

March and April, 1959 and 1960

1	Febr	February		rch	Ap	April	
Province	1960	1959	1960	1959	1960	1959	
			percei	ntages			
P.E.I. N.S. N.B. Que. Ont. Man. Sask. Alta. B.C.	49.9 66.5 54.8 37.6 58.1 55.3 53.8 58.5 69.4	54.7 68.5 52.0 36.2 57.1 56.4 55.5 58.0 72.9	44.7 66.1 52.8 44.3 62.1 57.9 59.0 61.2 72.6	48.3 68.9 52.7 41.7 62.2 61.0 59.0 60.2 75.1	53.5 70.5 61.4 63.7 70.7 63.3 67.0 67.9 75.0	55.6 71.3 62.0 64.5 70.0 65.8 66.2 66.9 78.6	
Canada	52.9	52.8	56.4	56.4	67.0	67.1	

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

		All Cows		Cows Milked			
Province	March 1960	April 1960	April 1959	March 1960	April 1960	April 1959	
			pour	nds			
P.E.I. N.S. N.B. Que. Ont. Man. Sask. Alta. B.C.	10.2 14.7 12.1 11.2 19.6 15.0 15.3 17.4 20.1	14.0 16.3 15.2 16.8 22.7 17.4 17.6 20.2 21.8	15.1 16.5 15.1 16.4 21.8 17.7 17.4 19.4 23.2	22.9 22.2 22.9 25.2 31.6 26.0 25.9 28.4 27.7	26.3 23.2 24.7 26.5 32.1 27.5 26.3 29.7 29.1	27.1 23.2 24.4 25.5 31.3 26.9 26.3 29.0 29.5	
Canada	15.4	19.0	18.6	27.3	28.3	27.7	

TABLE 8. - Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province, March, 1959 and 1960

Province an	nd Year	Creamery Butter-fat	Cheese Milk	Milk for Ice Cream and Concentration	Fluid Cream	Fluid Milk	Farm Butter	Total
				thousand dol	lars			
P.E.I.	1959 1960	103 87	4	32 27	9	76 82	-	2 <i>2</i> 4 206
n.s.	1959 1960	138 114	-	95 82	50 50	705 733	44	992 983
N.B.	1959 1960	136 131	8 7	32 33	54 53	550 577	8	788 811
Que.	1959 1960	1,565	388 507	568 628	592 6 <b>1</b> 0	5,427 5,561	4 4	8,544
Ont.	1959 <b>1960</b>	3,333 3,365	744	1,353 1,594	708 676	6,987 7,578	4 3	13,129
Man.	1959 1960	929 909	12 18	48 53	132 136	898 940	2	2,021 2,057
Sask.	1959 1960	951 978	3 8	70 66	104	1,061	1	2,190
Alta.	1959 1 <b>9</b> 60	1,147	32 38	218 255	130 139	1,188	2 2	2,717 2,959
B.C.	1959 1960	156 125	24 20	714 506	443 470	1,729 1,855	2 2	3,068 2,978
Totals	19 <i>5</i> 9	8,458 9,232	1,215	3,130 3,244	2,222 2,261	18,621 19,712	27 27	33,673 36,167

TABLE 9. - Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, March, 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 1b.	per cwt.	per cwt.	per cwt.	per lb.	\$ per cwt. of milk
P.E.I.	1959	66.9 66.9	2.30 2.26	3.33 2.91	4.01	64 64	2.87 2.94
N.S.	1959 1960	66.5 68.0	-	2.69	5.01	61 62	3.90 4.05
N.B.	1959	66.5 66.0	2.45	3.31 3.28	4.70 4.79	65 63	3.79 3.86
Que.	1959 1960	69.7 71.2	2.96 2.74	2.77	4.49 4.51	63 63	<b>3.5</b> 5 3.44
Ont.	1959 <b>19</b> 60	71.4 66.1	2.47	2.74	4.67 4.87	63 63	3.36 3.32
Man.	1959 1960	63.6 63.7	2.52 2.57	2.26 2.27	4.36 4.39	63 62	2.85 2.89
Sask.	1959 1960	64.9 65.8	2.35 2.49	2.38	4.60 4.67	59 60	3.03 3.10
Alta.	1959	66.2	2.55 2.74	2.79	4.59 4.63	60 61	3.05 3.04
B.C.	1959 1960	75.7 67.6	2.62	4.20 2.95 1/	5.60 5.72	58 59	4.92 4.68
Canada	1959 1960	68.5 67.1	2.61 2.64	2.97 2.75	4.67	60 62	3.44 3.39

Milk equivalent of ice cream now valued at minimum accounting value for class III milk, Vancouver - Vancouver Island Area.

TABLE 10. - Creamery Butter: Supply and Disposition, Canada, March and January to March, 1956 to 1960

	Stocks				Stocks	Domestic I	)isappearance
	Beginning	Production	Imports	Exports	End	Total	Per Capita
Mar.	'000 lb.	1000 lb.	'000 lb.	1000 lb.	1000 lb.	'000 lb.	lb.
1956 1957 1958 1959 1960	75,006 58,623 46,746 70,945 84,579	14,581 11,163 14,642 15,054 16,776	<u>1</u> /	15 1/ 13 6	65,006 44,009 37,202 61,752 76,617	24,566 25,777 24,186 24,235 24,732	1.53 1.55 1.42 1.39 1.40
Jan Mar.							
1956 1957 1958 1959 1960	100,566 88,163 69,976 93,707 105,473	36,836 29,010 37,741 38,315 41,189	1/ - 2 7	2,029 3 - 13 2,903	65,006 44,009 37,202 61,752 76,617	70,367 73,161 70,515 70,259 67,149	4.38 4.41 4.14 4.03 3.80

<sup>1/</sup> Less than 500 pounds.

TABLE 11. - Cheese, Supply and Disposition, Canada, March, 1956 to 1960

	Charles	THE THEF	10.00		Stocks	Domestic Di	sappearance
Year	Stocks Beginning '000 lb.	Production 1000 lb.	Imports '000 lb.	Exports '000 lb.	End 1000 lb.	March 1000 lb.	JanMar.
			Cheddar	Cheese			
1956 195 <b>7</b> 1958 1959 1960	31,420 32,238 44,629 38,430 45,477	3,114 2,831 3,488 3,431 4,782	2	349 30 79 133 41	27,452 28,827 41,303 33,772 42,805	6,733 6,212 6,735 7,956 7,415	15,548 17,013 18,313 20,345 20,388
			Process	Cheese			
1956 1957 1958 1959 1960	3,002 3,270 3,375 3,260 3,735	4,552 4,228 5,383 5,679 5,399	-	41 42 12 8 18	3,614 3,163 4,084 4,243 3,868	3,899 4,293 4,662 4,688 5,248	12,433 11,584 12,435 12,780 13,944
		Other 3	nesse (hard	and soft va	rieties)		
1959 1960	2,275 2,986	820 1,075	825 1,027	47	2,372 2,867	1,544 2,214	5,336 5,709

TABLE 12. - Condensed, Evaporated and Powdered Milk Products, Supply and Disposition, Canada, March 1956 to 1960

Year	Stocks Beginning 1000 lb.	Production 1000 lb.	Imports	Exports	Stocks End '000 lb.	Domestic Disappearance	
						March 1000 lb.	JanMar.
			Evaporat	ed Whole Mil	lk		
1956 1957 1958 1959 1960	30,534 18,301 26,776 26,017 14,006	21,023 18,108 20,942 19,937 22,363	600 660 660 660	410 560 437 375 181	25,811 12,285 22,138 19,671 11,470	25,336 23,564 25,143 25,908 24,718	71,233 69,646 72,421 75,736 91,958
			Condense	d Whole Mill	k		
1956 1957 1958 1959 1960	1,211 652 614 710 818	1,555 1,349 1,870 1,292 1,448	5 - 5	104	1,352 957 1,175 883 996	1,315 1,041 1,314 1,119 1,270	3,679 3,545 3,720 3,157 3,706
			Who	le Milk Powe	der		
1956 1957 1958 1959 1960	1,968 1,324 2,292 1,649 1,267	1,225 801 1,181 1,504 1,892	1 26 2 2 4	1,036 543 952 1,355 1,129	2,201 1,198 2,601 1,833 1,910	410 1/ 1/ 124	404 822 49 1,441 1,252
			Skim M	ilk Powder			
1956 1957 1958 1959 1960	12,170 4,391 42,172 71,126 15,858	4,704 3,926 7,811 8,686 9,732	156	111 97 1,375 1,229 1,653	11,583 3,335 38,629 70,562 15,641	5,180 5,041 9,979 8,030 8,296	15,735 17,354 25,882 13,136 13,552
			Evaporate	ed Skim Mill	c		
1956 1957 1958 1959 1960	18 22 9 92 105	659 591 619 599 379	-	-	31 27 7 49 84	646 586 621 642 400	2,006 1,619 1,762 1,792 953

<sup>1/</sup> 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 Thursday, May 26, 1960.

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