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THE DAIRY REVIEW

Volume No. XX Report No. 11 NOVEMBER 1959 Price \$2.00 per year MILLION TOTAL MILK PRODUCTION AND UTILIZATION FOR CANADA MILLION 2,400 BY MONTHS 1958 AND 1959 2,400 2,200 2,200 2,000 2,000 1,800 1,800 1.600 1,600 CREAMERY BUTTER 1,400 1,400 1,200 1,200 1,000 1,000 USED IN 800 800 FACTORIES CHEDDAR CHEESE 600 600 USED ON FARMS 400 400 USED FOR FLUID 200 200

1959

1958

ACCOUNTS PERSONS

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Preliminary estimates show November milk production at 1.2 billion pounds, up 2 per cent over the corresponding month a year earlier. For the eleven months, January through November, milk production is estimated at 17 billion pounds, substantially the same as a year earlier.

Dairy factories used 594 million pounds of milk in November, 2.4 per cent more than in November last year. This increase can be attributed, in the main, to a larger output of cheddar cheese which more than offset a decline in the production of creamery butter. For the past seven months, monthly cheddar cheese production has exceeded that of the corresponding months last year; in May the increase was 1.3 per cent and by November the margin had widened to 43 per cent.

TABLE 1. - Milk Equivalent of Dairy Factory Products, November and Cumulative January to November, 1958 and 1959

		November		January - November			
Product	1958	1959	Percentage Change	1958	1959	Percentage Change	
	1000 lb.	'000 lb.	%	'000 lb.	1000 lb.	%	
Creamery Butter Chaddar Chassa	441,511 55,572	431,894 79,387	(-) 2.2 (+) 42.9	7,512,945 957,462	7,212,863	(-) 4.0 (+) 14.2	
Generated Whole Milk Products Ice Cream	49,006 33,762	48,393 33,915	(-) 1.3 (+) 0.5	882,992 586,653	913,874 638,979	(+) 3.5 (+) 8.9	
Totals	579,851	593,589	(+) 2.4	9,940,052	9,858,863	(-) 0.8	

November fluid milk and cream sales are estimated at 465 million pounds, 3 per cent more than in November 1958. This has been the average increase of the last eleven months.

Estimates based on/monthly farm survey indicate that 141 million pounds of milk were used on farms, 4 per cent less than during November a year ago. Compared to last November, 4 per cent less milk was consumed in farm homes and 1.5 per cent more was fed to livestock.

Farmers included in the sample actually reported slightly lower milk production per cow than for November 1958. This does not conform to indications of total milk production based on factory and other utilizations, but the difference is within the margin of error that may be attributed to the survey.

Farm Milk Production, Utilization and Income in October, 1959

Farm Milk Production: The estimated quantity of milk produced on farms in October amounted to 1,573,271,000 pounds, an increase of 1.8 million pounds or 0.1 per cent above that of October, 1958. Of this amount, 939 million pounds or 60 per cent was utilized in factory production, and approximately 486 million pounds or 31 per cent was used for fluid sales. During January - October, the estimated production was 15,747 million pounds, an increase of 6 million pounds above that produced in the same period of the previous year. The quantity of milk utilized for factory production in January - October amounted to 9,362 million pounds while fluid sales accounted for 4,681 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 486,354,000 pounds in October, an increase of approximately 21 million pounds in comparison with October of the previous year. This included about 408 million pounds of fluid milk, comprising about 26 per cent of the farm milk supply, and fluid cream sales of 78 million pounds representing 5 per cent. During the ten month period, fluid sales totalled 4,680,994,000 pounds, an increase of 119 million pounds or approximately 2.6 per cent over those of the corresponding 1958 period.

Farm Butter: Butter made on farms in October amounted to 837,000 pounds, decreasing 20 per cent from the corresponding month in 1958. For January - October, 8,440,000 pounds were produced, a decrease of 15 per cent from the same period last year.

Farm Cash Income: Cash income from the sale of dairy products in October amounted to \$45,764,000. This represented an increase of approximately 4.8 per cent or \$2,095,000 in comparison with the same month last year. The weighted average price of \$3.21 per hundred pounds of milk was 13 cents higher than in October, 1958. Fluid milk at \$1.80 per hundred was 12 cents higher than in October, 1958. Creamery butter-fat increased from 66.3 cents to 67.7 cents per pound, and farm butter at 61 cents was 1 cent higher than in October, 1958. Milk used in manufacture increased from \$2.89 per hundred in October, 1958, to \$2.90 per hundred in October, 1959. Cheese milk increased to \$3.08 per hundred, an increase of 38 cents per hundred in comparison with the same month a year earlier.

Production and Prices of Dairy Products in October, 1959

Greamery Butter

Production: Greamery butter production amounted to 28.8 million pounds in October, 1959. This was 2.9 million pounds or approximately 9 per cent less than that produced in the same month of the previous year.

Stocks: Holdings of creamery butter in store and transit on November 1, amounted to 132.1 million pounds, approximately 18.2 million pounds greater than at November 1 last year. On October 1, 1959, stock holdings at 133.8 million pounds were 22.3 million pounds greater than at the same date a year earlier.

Supply: The quantity of creamery butter represented by stocks on October 1, plus production and imports during the month, amounted to 162.5 million pounds at October 31, 1959. This was an increase of approximately 19.5 million pounds compared to the corresponding supply figure at October 31, 1958.

Domestic Disappearance: The domestic disappearance of creamery butter in October amounted to 30.4 million pounds, an increase of 1.2 million pounds or a per cent from the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.76 pounds as compared with 1.71 pounds in October, 1958.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 63 1/4 cents per pound in October as against 63 1/2 cents in October 1958.

Cheddar Cheese

Production: Cheddar cheese production amounted to approximately 11.6 million pounds, an increase of 2.9 million pounds compared to production in the same month of the previous year.

Prices: Although very little trading occurred, the Montreal price of Ontario coloured cheese averaged 37 cents per pound in October. The comparative price in 1958 was 35 1/8 cents.

Ice Cream

The quantity of ice cream manufactured in October was approximately 2.4 million gallons or 18 thousand gallons less than that produced a year ago.

TABLE 2. - Milk Production and Utilization, by Province, October, 1958 and 1959

		Total		U	tilization							
Province an	d Year	Milk Production	Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales					
			thousand pounds									
P.E.I.	1958 1959	22, <mark>122 1</mark> / 21,146 1/	17,158 <u>1</u> / 16,341 <u>1</u> /	281 164	2,060 1,870	429 430	2,19,2,34					
N.S.	1958 1959	34,078 <u>1</u> / 33,777 <u>1</u> /	11,928 1/	1,591	4,120 4,380	1,280	15,159					
N.B.	1958 1959	38,156 39,418	18,765 19,682	2,246	3,610 3,540	1,560	12,69					
Que.	1958 1959	565,701 569,783	388,592 394,282	2,644 2,340	24,600 23,500	8,300 8,660	141,56					
Ont.	1958 1959	522,280 538,773	317,291 318,465	1,825	19,400	12,800	170,96					
Man.	1958 1959	91,046 1/80,173 1/	49,488 1/ 38,803 1/	3,299 2,668	8,780 8,380	2,890	26,58° 27,30°					
Sask.	1958 1959	105,364 99,952	53,652 47,247	6,575 5,241	14,800	3,570 3,650	26,76° 28,81					
Alta.	1958 1 959	119,641 1/	67,765 <u>1</u> /62,604 <u>1</u> /	5,405 4,095	13,100	3,220 2,770	30,15: 31,98					
B.C.	1958 1959	67,804 <u>1/</u> 61,202 <u>1</u> /	22,451 <u>1/</u> 14,904 <u>1/</u>	608 749	2,800 2,640	2,350 2,310	39,59					
Totals	1958 1959	1,571,467	952,365 9 39, 321	24,474	93,270 90,710	35,683 37,300	465,67					

If 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 October, 1958 and 1959

		Total	med .	Ţ	tilization		
Province ar	id Year	Milk Production	Factory Products	Farm Butter	Farm-Home Consumed	Fed to Livestock	Fluid Sales
			t	nousand po	unds		
P.E.I.	1958 1959	192,969 <u>1</u> / 190,402 <u>1</u> /	135,568 <u>1</u> / 136,709 <u>1</u> /	3,089	20,020	12,212 10,557	22,080
N.S.	1958 1959	341,227 <u>1</u> / 340,171 <u>1</u> /	121,863 <u>1</u> / 117,200 <u>1</u> /	13,081	39,720 39,770	14,360	152,203 156,345
N.B.	1958 1959	403,006 391,800	200,817 190,285	21,972	34,810 34,780	18,792 20,750	126,615 130,330
Que.	1958 1959	5,369,324 5,253,328	3,542,690 3,409,400	23,635 21,972	237,500 227,000	182,990 194,340	1,382,509 1,400,616
Cnt.	1958 1959	5,185,067 5,306,31 7	3,100,101 3,141,594	14,181	189,600 193,100	185,300 199,200	1,695,885 1,759,390
Man.	1958 19 59	1,014,598 <u>1/</u> 1,005,541 <u>1/</u>	601,755 <u>1</u> / 586,923 <u>1</u> /	30,537 27,895	83,150 85,700	45,280 45,910	253,876 259,113
Sask.	1958 1959	1,186,117 1,174,654	659,318 647,645	65,356 53,867	150,600 149,800	51,620 54,920	259,223 268,422
Alta.	1958 1959	1,307,894 <u>1/</u> 1,297,794 <u>1/</u>	786,351 <u>1</u> / 786,921 <u>1</u> /	52,649 44,298	128,000	51,900 46,660	288,994 300,115
B.C.	1958 1959	570,060 <u>1</u> / 584,620 <u>1</u> /	133,259 <u>1</u> / 142,831 <u>1</u> /	6,740 6,763	26,970 26,650	22,280 24,090	380,811 384,286
Totals		15,740,936 15,747,350	9,452,396 9,362,231	231,240 197,498	910,370 895,300	584,734 611,327	4,562,196 4,680,994

^{1/} 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, October, 1958 and 1959

Province and	Year	Creamery Butter	Cheese	Concentrated Milk	Ice Cream	Fluid Milk	Fluid
			thou	usand pounds of	milk		
P.E.I.	1958 1959	15,654	1,232	<u>1/</u>	272 306	1,912 2,065	282 276
N.S.	1958 1959	10,109	-	1/	1,819	13,531	1,628
N.B.	1958 1959	17,223 17,644	539 814	=	1,003	11,294	1,397
Que.	1958 1959	325,213 309,910	28,447 43,632	25,038 29,945	9,894 10, 7 95	120,264	21,301
Ont.	1958 1959	192,699 172,598	73,547 90,266	34,929 40,760	16,116	145,100 156,708	25,862
Man.	1958 1959	47,151 36,364	535 450	1/	1,802	20,539 20,950	6,050
Sask.	1958 1959	51,246 45,139	77	600 603	2,329 2,108	22,451 24,023	4,316 4,791
Alta.	1958 1959	62,876 57,938	1,166	1	3,723 3,434	25,447 26,719	4,702
B.C.	1958 1959	17,690 10,272	528 484	1/	4,233	31,998 32,318	7,597
Totals	1958 1959	739,861 672,937	106,071	65,242 86,696	41,191	392,536 408,068	73,139 78,286

^{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, October, 1959

		Jsed in M	anufacture		Used	Us	ed on Far	rms
Province	Greamery Butter	Cheese	Conc.Milk and Ice Cream	Total	for Fluid Sales	for Farm Butter	in Farm Homes	Pail Fed to Animals
				perce	ntages			
P.E.I. N.S. N.B. Que. Ont. Man. Sask. Alta. B.C.	67 26 45 55 32 45 45 45 17	9 2 8 17 - 1 1	2 6 3 6 10 3 2 3 7	78 32 50 69 59 48 47 55 25	11 48 34 25 34 34 29 28 66	3 - 3 5 4 1	9 13 9 4 11 15 10 4	2 3 4 2 3 4 4 3 4
Canada	43	9	8	60	31	1	6	2

TABLE 6. - Butter Made on Farms, by Province, October and Cumulative January to October, 1958 and 1959

		October		Jan	uary - Oct	ober
Province	1959	1958	% of 1958	1959	1958	% of 1958
	1000 lb.	1000 lb.	%	1000 lb.	1000 lb.	%
Prince Edward Island Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia	7 53 59 100 73 114 224 175 32	12 68 96 113 78 1/1 281 231 26	58 78 61 88 94 81 80 76	88 511 669 939 557 1,192 2,302 1,893 289	132 559 939 1,010 606 1,305 2,793 2,250 288	67 91 71 93 92 91 82 84 100
Totals	837	1,046	80	8,440	9,882	85

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, September, October and November, 1958 and 1959

	Septe	mber	Octo	ber	Novem	oer
Province	1959	1958	1959	1958	1959	1958
	,		perce	ntages		
P.E.I. N.S. N.B. Que. Ont. Man. Sask. Alta. B.C.	86.5 73.0 83.0 82.8 76.6 67.8 70.3 71.1 74.5	85.1 73.1 81.3 82.4 74.6 68.5 70.1 71.3 72.9	85.4 70.2 80.9 81.8 75.6 62.3 65.0 66.0 73.6	82.6 73.4 79.1 81.4 74.0 67.0 66.6 66.7 72.7	82.7 70.8 75.1 76.1 70.8 58.1 59.8 61.2 72.7	82.1 72.9 75.2 76.1 71.5 64.1 62.2 63.7 74.5
Canada	77.0	76.1	74.9	74.6	70.5	71.4

B. - Milk Production per Cow: Averages for all Cows and for Cows Milked, by Province, October 1959, November 1958 and 1959

		All Cows			Cows Milked			
Province	October 1959	November 1959	November 1958	October 1959	November 1959	November 1958		
			pour	nds				
P.E.I. N.S. N.B. Que. Ont. Man. Sask. Alta. B.C.	21.2 16.4 17.1 17.4 21.4 13.3 13.2 16.2 20.5	16.3 14.5 12.9 12.7 17.5 12.4 11.9 14.7 18.4	15.6 15.2 12.5 12.4 18.0 14.4 12.8 15.2 20.3	24.8 23.4 21.1 21.2 28.2 21.3 20.4 24.6 27.8	19.7 20.5 17.2 16.6 24.7 21.4 19.9 24.0 25.3	19.0 20.9 16.6 16.3 25.2 22.4 20.6 23.9 27.3		
Canada	18.1	14.8	15.1	24.2	21.1	21.2		

TABLE 8. - Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province, October, 1958 and 1959

Province an	d Year	Creamery Butter-fat	Cheese Milk	Milk for Ice Cream and Concentration	Fluid Cream	Fluid Milk	Farm Butter	Total
				thousand do	llars			
P.E.I.	1958 1959	36 7 326	28 45	18 68	9	79 84	1	502 532
N.S.	1958 1959	227 207	-	105 108	49 49	681 735	6	1,068
N.B.	1958 1959	370 392	13 21	33 41	47 50	533 553	17 11	1,013
Que.	1 958 1959	7,863 7,765	817	1,000 1,137	562 559	5,388 5,382	3 4	15,633
Ont.	1958 1959	4,315 3,871	1,948	1,375 1,546	641 654	6,747	5	15,031 16,580
Man.	1958 1959	1,03 7 805	14 14	41 44	137 142	914 943	2 2	2,145
Sask.	1958 1959	1,182 1,039	2	5 7 55	106 126	1,078	3	2,428
Alta.	1958 1959	1,450 1,336	31 35	200 192	134 150	1,186	3 2	3,004 2,968
B.C.	1958 1959	383 217	16 16	243 509	435 464	1,766 1,858	2 2	2,845 3,066
Totals	1958 1959	17,194 15,958	2,869 4,282	3,072 3,700	2,120	18,372 19,588	42 34	43,669

TABLE 9. - Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, October, 1958 and 1959

Province and	l 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.	1958 1959	66.9 65.9	2.26 2.33	2.95 2.78	4.11	63 64	2.55 2.55
N.S.	1958 1959	64.0 66.0	-	2.82 2.75	5.03 5.08	61 60	3.66 3.77
N.B.	1958 1959	61.3 63.5	2.42 2.57	3•33 3•31	4.72	64 62	3.16 3.20
Que.	1958 1959	69.0 71.5	2.87	2.86 2.79	4.48 4.52	63 62	2.95 3.01
Ont.	1958 1959	63.9 64.0	2.65	2.69 2.78	4.65 4.85	63 63	3.08 3.29
Man.	1958 1959	62.8 63.2	2.61	2.27	4.45 4.50	61 62	2.82 2.95
Sask.	1958 1959	65.8 65.7	2.43	2.45 2.63	4.80 4.91	58 59	3.01 3.15
Alta.	1.958 1959	65.8 65.8	2.65	2.97 2.96	4.66	59 60	2.97 3.04
B.G.	1958 1959	61.8	3.04 3.30	5.73 3.90	5.52 5.75	60 58	4.58 4.75
Canada	1958 1959	66.3	2.70	2.89	4.68 4.80	60 61	3.08 3.21

TABLE 10. - Creamery Butter: Supply and Disposition, Canada, October and Cumulative January to October, 1955 to 1959

					Oh-ol-	Domestic I)isappearance
	Stocks Beginning	Production	Imports	Exports	Stocks End	Total	Per Capita
	'000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	lb.
Oct.							
1955 1956 1957 1958 1959	126,533 121,850 89,834 111,455 133,778	28,663 25,263 29,027 31,618 28,758	3 1 1/ 1/	9 20	127,877 117,283 90,531 113,876 132,126	27,313 29,811 28,330 29,197 30,410	1.74 1.85 1.71 1.71
Jan Oct.							
1955 1956 1957 1958 1959	91,025 100,566 88,163 69,976 93,758	285,952 276,990 269,696 302,198 289;785	9 1/ 1 2	458 2,098 3 5 15	127,877 117,283 90,531 113,876 132,126	248,651 258,178 267,325 258,294 251,404	15.84 16.05 16.11 15.15 14.53

^{1/} Less than 500 pounds.

TABLE 11. - Cheese, Supply and Disposition, Canada, October and Jumulative January to October, 1955 to 1959

	Stocks				Stocks	Domestic D	isappearance
Year	Beginning	Production 1000 lb.	Imports 1000 lb.	Exports 1000 lb.	End 1000 lb.	October 1000 lb.	JanOct.
			Chedda	Cheese			
1955 1956 1957 1958 1959	46,161 44,969 57,853 61,360 56,313	7,911 8,760 9,082 8,699 11,585	2 1	1,510 876 636 1,219 1,299	45,203 45,172 57,453 60,864 56,223	7,359 7,683 8,846 7,977 10,376	64,399 61,461 67,554 70,859 71,381
			Process	s Cheese			
1955 1956 1957 1958 1959	3,270 3,040 2,378 3,562 3,307	3,826 4,470 4,284 4,245 4,536	GRADA GRADA GRADA GRADA GRADA	7 27 43 36 6	2,621 3,327 2,769 3,483 3,301	4,468 4,156 3,850 4,288 4,536	37,380 37,591 37,046 39,849 40,969
		Other C	heese (hard	and soft v	arieties)		
1958 1959	2,498 3,422	963 1,053	1,357	5 4	2,575 3,460	2,238 2,216	16,343 18,341

TABLE 12. - Condensed, Evaporated and Powdered Milk Products, Supply and Disposition, Canada, October and Cumulative January to October, 1955 to 1959

Year	Stocks Beginning	Production 1000 lb.	Imports	Exports '000 lb.	Stocks End '000 lb.	Domestic Disappearance	
						Oct.	JanOct.
			Evapora	ted Whole M	ilk		
1955 1956 1957 1958 1959	70,287 70,849 81,372 77,192 66,353	25,328 24,884 20,971 17,792 27,706	-	589 371 148 157 619	68,627 66,591 72,940 67,457 65,716	26,399 28,771 29,255 27,370 28,224	240,791 252,075 254,138 255,071 265,473
			Condens	ed Whole Mi	lk		
1955 1956 1957 1958 1959	1,406 1,817 1,580 979 643	1,521 1,333 1,354 1,143 1,188	3 4 4 11	165 325 30	1,397 1,308 1,296 860 824	1,368 1,521 1,612 1,273 1,007	9,836 12,679 11,798 12,159 11,327
			Whole	Milk Powde	r		
1955 1956 1957 1958 1959	2,791 3,020 3,584 3,107 1,842	1,344 1,875 2,746 2,238 2,066	2 2 1	1,014 1,834 1,260 1,640 1,194	3,257 2,855 4,226 3,739 2,636	208 844 ••• <u>1</u> /	2,835 5,296 4,247 3,111 3,054
			Skim	Milk Powder			
1955 1956 1957 1958 1959	11,818 14,450 33,787 86,908 51,295	8,676 5,813 13,876 19,691 14,824	3 1 273	287 163 85 2,553 12,700	13,422 12,402 41,299 98,324 34,796	6,788 7,699 6,552 5,722 18,623	68,826 70,362 79,211 81,695 117,177
			Evapora	ted Skim Mi	lk		
1955 1956 1957 1958 1959	23 11 6 114 183	719 844 1,100 860 436	400 400 400	den	21 28 26 92 207	721 827 1,080 882 412	7,726 7,637 7,758 8,708 7,425

^{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,

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

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