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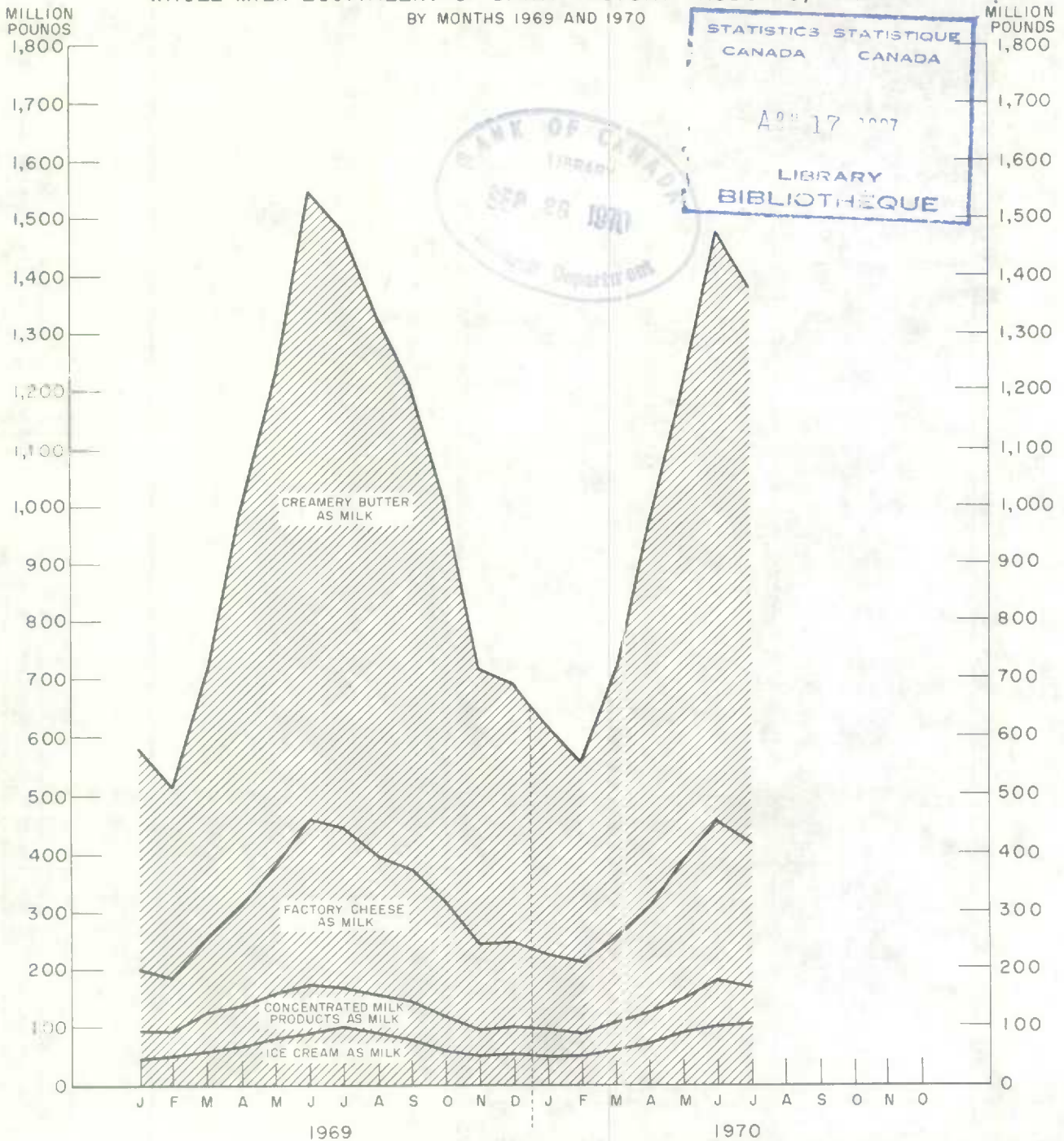
Vol. 31 No. 8

AUGUST 1970

Price: \$2.00 per year

WHOLE MILK EQUIVALENT OF DAIRY FACTORY PRODUCTS, CANADA

BY MONTHS 1969 AND 1970



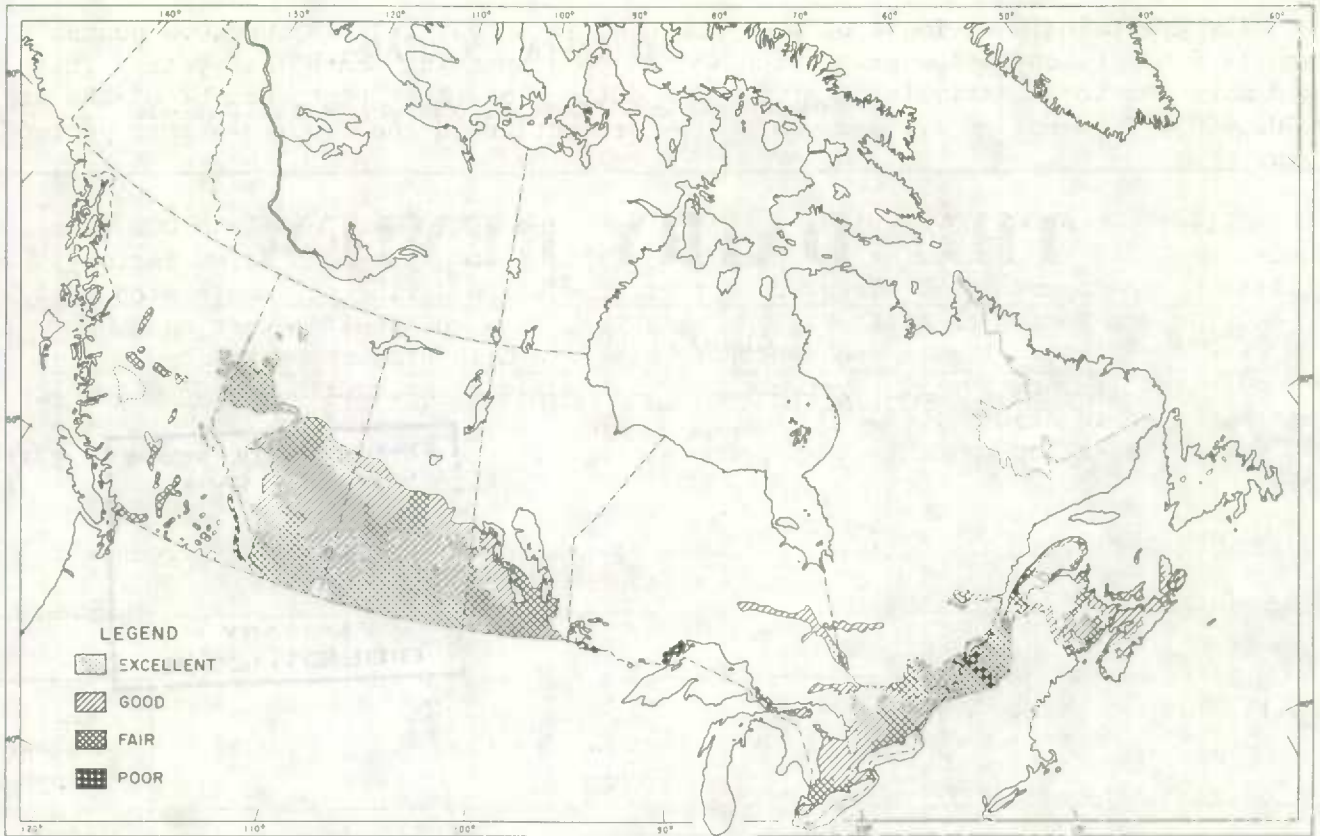
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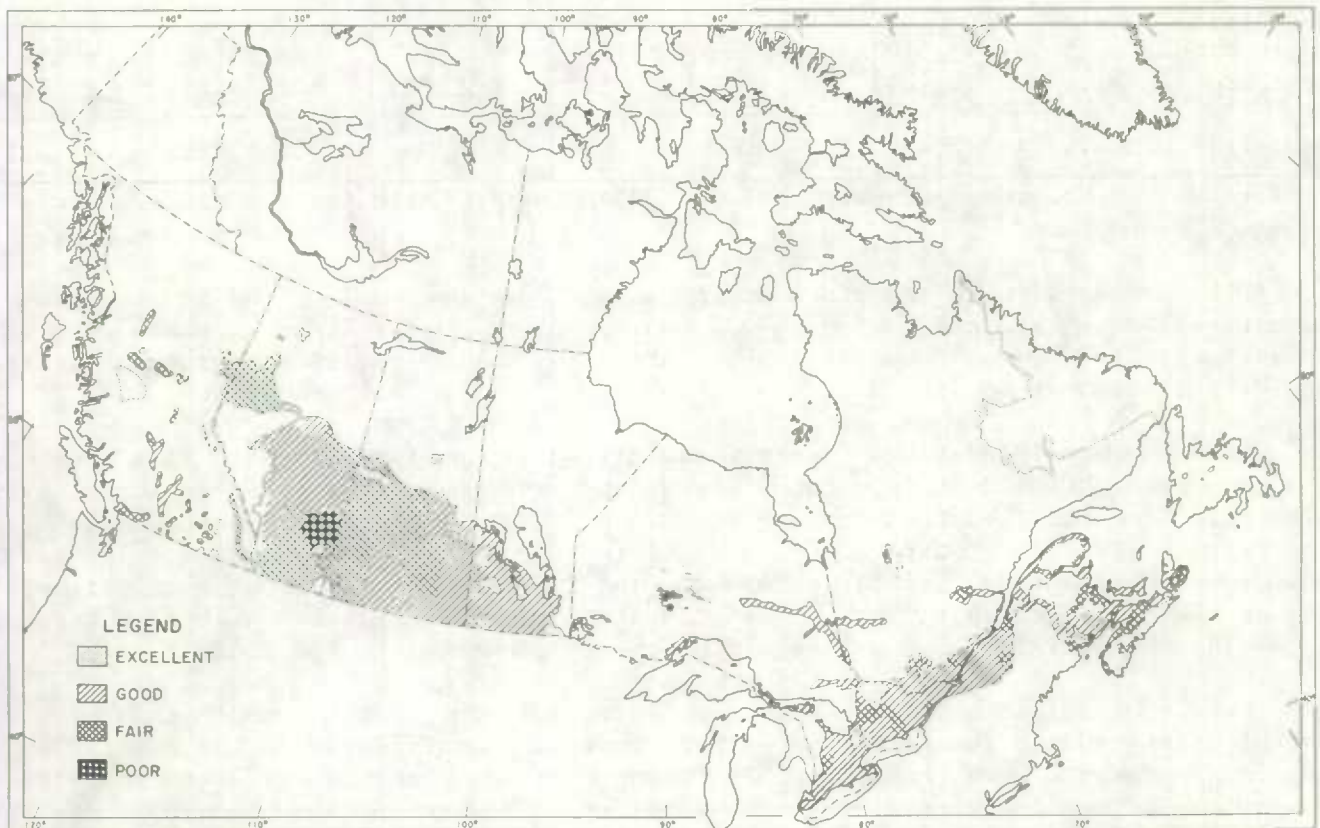
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PASTURE CONDITIONS ON FARMS KEEPING MILK COWS



AUGUST 15th 1970



AUGUST 15th 1969

Preliminary Indications of the Dairy Situation, August 1970

The preliminary estimate of milk produced in August is 1,793,000,000 pounds which is 4.6 per cent below production in the corresponding month last year. This would make the total estimate of production during the first eight months of the year 12,702,000,000 pounds or 1.1 per cent below production in the January-August period a year ago.

Slightly over 69 per cent of the milk produced in August, or 1,238,000,000 pounds, was used for dairy factory products. This is 6.8 per cent below factory utilization in August 1969. Creamery butter production during the month accounted for 847,000,000 pounds of milk, 8.9 per cent less than in August a year ago; however, milk used for factory cheese and concentrated whole milk products decreased 2.4 and 10.3 per cent, respectively. Approximately 5.4 per cent more milk was used for ice cream mix than in August 1969. During the January-August period, 2.7 per cent less 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, August and January to August 1969 and 1970

Product	August			January - August		
	1969	1970	Per-centage change	1969	1970	Per-centage change
	'000 lb.			'000 lb.		
			%			%
Creamery butter ..	929,846	847,080	- 8.9	5,742,946	5,513,064	- 4.0
Factory cheese ...	246,293	240,494	- 2.4	1,536,139	1,584,746	+ 3.2
Concentrated whole milk products ..	63,910	57,352	- 10.3	527,157	451,556	- 14.3
Ice cream mix	88,401	93,134	+ 5.4	568,799	602,304(1)	+ 5.9
Totals	1,328,450	1,238,060	- 6.8	8,375,041	8,151,670(1)	- 2.7

(1) Includes an upward adjustment of 1,292,000 pounds of milk for the month of July in Manitoba.

Fluid sales of milk and cream during August, for purposes of the advance preliminary estimate, are calculated at 430,000,000 pounds of milk, an increase of 1.5 per cent from the sales in August 1969. This assumes the same relationship to year-earlier estimates as for the May-July period.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 0.8 per cent below that used in August 1969, while milk used for livestock feeding was 3.4 per cent below that of a year ago. Reports from farm dairy correspondents participating in the survey indicate 1.3 per cent fewer cows kept on farms at August 15, and 1.1 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, decreased 3.3 per cent from the level at August 15, 1969.

Pasture conditions during August were generally only fair in most areas of Canada, mainly due to the hot, dry weather conditions experienced in the central and western provinces. Warm, humid weather in the Maritime provinces resulted in good growing conditions. Regional pasture conditions at August 15, 1969 and 1970, are shown by the maps on the opposite page.

FARM MILK PRODUCTION, UTILIZATION AND CASH RECEIPTS IN JULY 1970

Farm Milk Production. — The estimated quantity of milk produced on farms in July amounted to 1,936 million pounds, a decrease of 93 million pounds or 4.6 per cent below that of July 1969. Of this amount, 1,375 million pounds or 71 per cent was utilized in factory production, and approximately 428 million pounds or 22 per cent was used for fluid sales. During the January-July period, the estimated production was 10,909 million pounds, a decrease of 55 million pounds from the corresponding period last year. The quantity of milk utilized for factory production in the January-July period amounted to 6,914 million pounds while fluid sales accounted for 2,998 million pounds.

Fluid Sales. — Sales of fluid milk and cream, the latter expressed as milk, amounted to 428 million pounds in July, an increase of approximately 12 million pounds from July of last year. This included about 359 million pounds of fluid milk, comprising about 18 per cent of the farm milk supply, and fluid cream sales of 69 million pounds representing about 4 per cent. During the seven month period, fluid sales totalled 2,998 million pounds, an increase of 68 million pounds or 2.3 per cent over those of the corresponding period a year earlier.

Farm Butter. — Butter made on farms in July amounted to 252,000 pounds, decreasing 3 per cent from the corresponding month in 1969. For the January-July period, 1,624,000 pounds were produced, a decrease of 2 per cent from the same period last year.

Farm Cash Receipts. — Cash receipts from the sale of dairy products in July amounted to \$68,165,000. This represented a decrease of 2.8 per cent or \$1,976,000 from the corresponding month last year. The weighted average value of \$3.78 per hundred pounds of milk was 8 cents higher than in July 1969. Fluid milk at \$6.35 per hundred was 6 cents higher than in July 1969. Cream for butter at 65.4 cents per pound butterfat was 0.9 cent higher than in July 1969, and farm butter at 63 cents per pound was the same as in July 1969. Milk used in the manufacture of all dairy products averaged \$3.37 per hundred, 1 cent higher than in July 1969. Cheese milk increased to \$3.32 per hundred, an increase of 9 cents per hundred from the corresponding month a year earlier. Of all the milk utilized for factory dairy products in July 1970, not more than 81 per cent was eligible for Federal government subsidy.

Estimates of farm cash receipts from the sale of dairy products, as set forth in this report, include the basic plant paying price less haulage and, where applicable, quality premiums, bonuses, patronage dividends and those government subsidies which have been paid indirectly through plants as part of the plant price. They do not include government payments made direct to farmers by government cheque, nor do they reflect any allowance for costs incurred by farmers in the production of dairy products.

Direct Federal subsidy payments commencing on April 1, 1968, amounted to approximately \$1.16 per hundred pounds for 3.5 per cent processing milk or the equivalent of 36.42 cents per pound butterfat; however, effective with August 1968 deliveries, payments were reduced from \$1.16 to \$1.10 per hundred for milk but that for cream remained unchanged. On April 1, 1969, average payments were reduced to approximately 96 cents per hundred pounds of milk and 34.71 cents for cream. Average payments to producers for the 1970-71 dairy year starting April 1, 1970, cannot be determined at this time. The basic rate of subsidy continues at the 1969-70 level (\$1.25 per cwt. of milk or 35.71 cents per lb. b.f.), as well as the holdback with respect to the quota product (26 cents per cwt. on milk and 1 cent per lb. b.f. on cream), but a significant change has been made in the holdback on deliveries of product in excess of quota. The penalty on milk was raised from 52 cents to \$1.25 per hundred and that on cream from 1 cent to 8 cents per pound butterfat.

PRODUCTION AND PRICES OF DAIRY PRODUCTS IN JULY 1970

Creamery butter

Production. — Creamery butter production amounted to 40.9 million pounds in July 1970, a decrease of approximately 3.4 million pounds from production in the same month of the previous year.

Stocks. — Holdings of creamery butter in store on August 1, 1970, amounted to 106.7 million pounds, approximately 26.6 million pounds higher than at August 1, last year. On July 1, 1970, stock holdings at 90.5 million pounds were 25.6 million pounds more than at the same date a year earlier.

Supply. — Stocks of creamery butter on July 1, plus production and imports during the month, amounted to 131.5 million pounds of butter at July 31, 1970. This was an increase of approximately 22.3 million pounds compared to the corresponding supply figure at July 31, 1969.

Domestic disappearance. — The domestic disappearance of creamery butter in July amounted to 24.8 million pounds of butter, a decrease of 4.3 million pounds or 14.8 per cent less than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.17 pounds as compared with 1.38 pounds in July 1969.

Prices at Montreal. — Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 65 cents per pound in July, the same as in July 1969.

Cheddar Cheese

Production. — Cheddar cheese production in July amounted to approximately 19.4 million pounds, a decrease of about 2.7 million pounds from production in the same month of the previous year.

Prices. — The Belleville price of Ontario coloured cheese averaged 47 1/4 cents per pound in July, the same as in July 1969.

Ice cream mix

The quantity of ice cream mix manufactured in July was approximately 3.8 million gallons or 12 thousand gallons more than that produced a year ago.

TABLE 2. Milk Production and Utilization, by Province, July 1969 and 1970

Province and year	Total milk production	Utilization				
		Factory products	Farm butter	Farm-home consumed	Fed to livestock	Fluid sales
thousand pounds						
P.E.I. 1969	30,378	25,914	47	1,810	700	1,907
1970	29,211	24,713	47	1,680	718	2,053
N.S. 1969	31,506	10,934	257	2,100	900	17,315
1970	30,775	10,244	234	1,970	847	17,480
N.B. 1969	32,113	16,427	351	2,170	690	12,475
1970	29,994	15,078	351	1,910	747	11,908
Que. 1969	875,681	735,627	609	19,300	12,200	107,945
1970	833,676	690,459	562	19,200	12,600	110,855
Ont. 1969	653,293	449,812	608	16,000	18,100	168,773
1970	607,691	399,084	562	16,000	18,700	173,345
Man. 1969	89,362	60,208	515	6,850	3,830	17,959
1970	84,048	54,387	491	6,960	3,620	18,590
Sask. 1969	84,422	49,748	1,614	14,200	4,170	14,690
1970	85,560	50,514	1,638	14,600	4,200	14,608
Alta. 1969	155,657	104,651	1,802	12,100	8,130	28,974
1970	157,307	104,092	1,778	12,300	7,930	31,207
B.C. 1969	77,087	27,020	258	1,930	2,280	45,599
1970	78,086	26,070	234	1,940	2,280	47,562
Totals .. 1969	2,029,499	1,480,341	6,061	76,460	51,000	415,637
1970	1,936,348	1,374,641	5,897	76,560	51,642	427,608

TABLE 3. Milk Production and Utilization: Cumulative Data, by Province, January to July 1969 and 1970

Province and year	Total milk production	Utilization				
		Factory products	Farm butter	Farm-home consumed	Fed to livestock	Fluid sales
thousand pounds						
P.E.I. 1969	124,816	97,915	329	10,840	5,080	10,652
1970	117,686	91,098	329	10,460	4,917	10,882
N.S. 1969	203,964	67,138	1,567	12,580	6,396	116,283
1970	210,211	72,648	1,450	12,780	6,000	117,333
N.B. 1969	172,298	73,537	1,990	11,520	5,123	80,128
1970	161,231	64,132	2,034	11,720	5,411	77,934
Que. 1969	4,111,213	3,101,237	3,415	112,600	140,140	753,821
1970	4,073,777	3,029,252	3,699	113,900	148,550	778,376
Ont. 1969	3,929,891	2,437,656	3,650	104,400	171,200	1,212,985
1970	3,854,972	2,347,753	3,396	101,600	173,800	1,228,423
Man. 1969	518,736	299,352	3,370	44,670	35,460	135,884
1970	516,236	296,256	3,251	45,870	34,570	136,289
Sask. 1969	481,872	239,194	10,951	86,500	35,830	109,397
1970	499,874	257,642	10,952	87,300	36,320	107,660
Alta. 1969	891,524	533,366	11,769	74,080	64,200	208,109
1970	923,065	550,284	11,441	75,160	62,170	224,010
B.C. 1969	529,251	197,196	1,545	12,170	15,930	302,410
1970	551,831	204,545	1,450	12,560	16,570	316,706
Totals .. 1969	10,963,565	7,046,591	38,586	469,360	479,359	2,929,669
1970	10,908,883	6,913,610	38,002	471,350	488,308	2,997,613

TABLE 4. Milk Equivalent of Factory Products and Fluid Sales, by Province, July 1969 and 1970

Province and year	Creamery butter	Cheese(1)	Concentrated whole milk products and ice cream mix(2)	Fluid milk	Fluid cream
	thousand pounds of milk				
P.E.I. 1969	16,240	4,763	4,911	1,682	225
1970	17,246	3,674	3,793	1,863	190
N.S. 1969	6,084	1,419	3,431	14,561	2,754
1970	4,025	1,012	5,207	14,561	2,919
N.B. 1969	13,244	704	2,479	10,618	1,857
1970	11,302	594	3,182	10,309	1,599
Que. 1969	565,671	112,758	57,198	86,490	21,455
1970	529,191	105,993	55,275	90,521	20,334
Ont. 1969	242,167	145,376	62,269	144,884	23,889
1970	214,531	128,909	55,644	149,495	23,850
Man. 1969	50,310	4,370	5,528	14,302	3,657
1970	43,852	4,953	5,582	15,044	3,546
Sask. 1969	47,923	—	1,825	12,479	2,211
1970	48,040	—	2,474	12,358	2,250
Alta. 1969	89,248	3,740	11,663	23,674	5,300
1970	84,825	4,235	15,032	25,542	5,665
B.C. 1969	5,897	1,771	19,352	37,468	8,131
1970	4,914	1,320	19,836	38,884	8,678
Totals ... 1969	1,036,784	274,901	168,656	346,158	69,479
1970	957,926	250,690	166,025	358,577	69,031

(1) Includes the milk equivalent of cheddar and other factory cheese made from whole milk and cream.

(2) Combined to avoid disclosing individual company operations.

TABLE 5. Milk Utilization: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, July 1970

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.	59	13	13	85	7	—	6	2
N.S.	13	3	17	33	57	1	6	3
N.B.	38	2	10	50	40	1	6	3
Que.	63	13	7	83	13	—	2	2
Ont.	36	21	9	66	28	—	3	3
Man.	52	6	7	65	22	1	8	4
Sask.	56	—	3	59	17	2	17	5
Alta.	54	3	9	66	20	1	8	5
B.C.	6	2	25	33	61	—	3	3
Canada ..	49	13	9	71	22	—	4	3

TABLE 6. Butter Made on Farms, by Province, July and Cumulative January to July 1969 and 1970

Province	July			January - July		
	1970	1969	% of 1969	1970	1969	% of 1969
	'000 lb.		%	'000 lb.		%
P.E.I.	2	2	100	14	14	100
N.S.	10	11	91	62	67	93
N.B.	15	15	100	87	85	102
Que.	24	26	92	158	146	108
Ont.	24	26	92	145	156	93
Man.	21	22	95	139	144	97
Sask.	70	69	101	468	468	100
Alta.	76	77	99	489	503	97
B.C.	10	11	91	62	66	94
Totals ..	252	259	97	1,624	1,649	98

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, June, July and August 1969 and 1970

Province	June		July		August	
	1970	1969	1970	1969	1970	1969
	percentages					
P.E.I.	83.4	78.8	86.2	82.8	85.5	80.9
N.S.	75.2	72.9	73.4	73.1	73.9	73.8
N.B.	74.8	75.8	79.5	76.6	83.6	78.0
Que.	80.9	81.6	83.2	82.9	82.7	82.9
Ont.	74.8	75.2	75.5	77.0	76.1	76.4
Man.	73.8	72.0	75.3	72.2	72.2	71.8
Sask.	75.5	73.3	79.1	75.4	76.7	74.0
Alta.	77.8	77.0	78.5	78.3	77.2	77.2
B.C.	77.0	75.7	76.3	74.5	75.2	76.7
Canada ..	77.7	77.7	79.2	79.1	78.9	78.8

B. Milk Production Per Cow: Daily Averages for All Cows and for Cows Milked, by Province, July 1970 and August 1969 and 1970

Province	All cows			Cows milked		
	July 1970	August 1970	August 1969	July 1970	August 1970	August 1969
	pounds					
P.E.I.	33.1	28.8	27.1	38.4	33.7	33.5
N.S.	22.7	21.8	21.1	30.9	29.5	28.6
N.B.	27.6	24.7	23.1	34.7	29.5	29.5
Que.	26.6	23.8	26.0	32.0	28.8	31.3
Ont.	26.7	25.9	26.6	35.4	34.1	34.8
Man.	24.4	21.7	22.0	32.3	30.0	30.6
Sask.	26.0	24.0	23.0	32.9	31.3	31.1
Alta.	28.4	26.2	27.2	36.2	33.9	35.2
B.C.	30.9	30.2	28.9	40.5	40.1	37.7
Canada ..	27.0	25.1	25.9	34.2	31.8	32.9

TABLE 3. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, by Province, July 1969 and 1970(1)

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. 1969	379	140	142	13	97	--	771
1970	418	112	125	11	108	--	774
N.S. 1969	137	41	133	132	936	1	1,380
1970	91	29	185	156	1,015	1	1,477
N.B. 1969	295	19	82	66	631	3	1,096
1970	254	15	106	57	644	3	1,079
Que. 1969	18,680	3,643	1,940	719	5,371	1	30,354
1970	17,191	3,413	1,859	661	5,630	1	28,755
Ont. 1969	7,338	4,724	2,091	791	9,258	1	24,203
1970	6,665	4,421	1,896	842	9,523	1	23,348
Man. 1969	1,025	136	171	106	844	1	2,283
1970	912	161	175	103	913	--	2,264
Sask. 1969	1,048	--	52	63	721	2	1,886
1970	1,053	--	68	62	711	2	1,896
Alta. 1969	2,200	124	378	173	1,352	1	4,228
1970	2,109	144	491	188	1,484	1	4,417
B.C. 1969	178	54	606	553	2,548	1	3,940
1970	148	40	627	609	2,730	1	4,155
Totals .. 1969	31,280	8,881	5,595	2,616	21,758	11	70,141
1970	28,841	8,335	5,532	2,689	22,758	10	68,165

(1) See Paragraph 5, page 4, re-farm cash receipts.

TABLE 9. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, Cumulative Data, by Province, January to July 1969 and 1970(1)

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. 1969	1,397	500	662	32	527	--	3,118
1970	1,427	382	648	47	587	--	3,091
N.S. 1969	828	324	725	623	6,631	7	9,138
1970	822	296	950	709	7,304	7	10,088
N.B. 1969	1,281	87	429	290	4,272	17	6,376
1970	1,070	68	469	278	4,409	17	6,311
Que. 1969	75,289	17,174	9,985	4,117	39,175	7	145,747
1970	71,337	18,048	9,345	4,006	40,737	7	143,480
Ont. 1969	42,369	22,463	11,595	5,727	67,130	7	149,291
1970	41,400	23,790	10,594	5,868	68,166	7	149,825
Man. 1969	5,341	682	840	747	6,332	5	13,947
1970	5,099	1,038	815	709	6,763	--	14,424
Sask. 1969	5,119	--	245	431	5,585	13	11,393
1970	5,515	--	305	412	5,523	12	11,767
Alta. 1969	10,413	627	3,093	1,192	9,922	7	25,254
1970	10,538	803	3,526	1,263	10,775	7	26,912
B.C. 1969	1,696	450	4,072	3,661	16,895	7	26,781
1970	2,060	509	3,871	3,953	18,393	7	28,793
Totals .. 1969	143,733	42,307	31,646	16,820	156,469	70	391,045
1970	139,268	44,934	30,523	17,245	162,657	64	394,691

(1) See Paragraph 5, page 4, re-farm cash receipts.

TABLE 10. Average Farm Values of Cream, Milk and Farm Butter, by Province, July 1969 and 1970(1) - continued

Province and year	Cream for butter	Milk for butter	Milk for cheese(2)	Milk for ice cream mix and concentration	Average for manufacturing milk (3)	Average for all manufacturing uses(4)
	per lb. b.f. ¢	per lb. b.f. ¢	per cwt. \$	per cwt. \$	per cwt. \$	per cwt. \$
P.E.I. 1969	67.5	—	2.94	2.88	2.92	2.55
1970	70.0	—	3.04	3.32	3.17	2.65
N.S. 1969	65.0	—	2.89	3.86	3.59	2.84
1970	65.0	—	2.89	3.57	3.44	2.98
N.B. 1969	64.5	—	2.66	3.32	3.17	2.41
1970	65.0	—	2.60	3.32	3.20	2.49
Que. 1969	66.5	100.5	3.23	3.39	3.43	3.30
1970	67.5	98.5	3.22	3.36	3.37	3.25
Ont. 1969	62.2	95.1	3.25	3.36	3.29	3.15
1970	62.1	98.0*	3.43*	3.41*	3.41	3.25
Man. 1969	58.8	—	3.10	3.09	3.10	2.21
1970	60.0	—	3.24	3.13	3.19	2.29
Sask. 1969	63.2	—	—	2.85	2.85	2.21
1970	63.3	—	—	2.74	2.74	2.22
Alta. 1969	67.9	96.9	3.31	3.25	3.30	2.58
1970	68.7	96.0	3.42	3.27	3.30	2.64
B.C. 1969	—	87.5(5)	3.05(5)	3.13(5)	3.10	3.10
1970	—	87.3(5)	3.08(5)	3.16(5)	3.13	3.13
Canada ... 1969	64.5	98.9	3.23	3.32	3.36	3.09
1970	65.4	98.2	3.32	3.33	3.37	3.11

(1) See footnote at end of table.

* Value of milk for creamery butter, cheese and ice cream mix based on "blend prices" calculated from O.M.M.B. data.

TABLE 10. Average Farm Values of Cream, Milk and Farm Butter, by Province, July 1969 and 1970(1) - concluded

Province and year	Fluid milk	Fluid milk for cream	Average fluid	Farm butter	Average of total sales	
	per cwt. \$	per cwt. \$	per cwt. \$	per lb. ¢	\$ per cwt. of milk	
P.E.I.	1969	5.75	5.75	5.75	64	2.77
	1970	5.79	5.79	5.79	63	2.89
N.S.	1969	6.43	4.80	6.17	61	4.88
	1970	6.97	5.34	6.70	61	5.32
N.B.	1969	5.94	3.54	5.59	65	3.78
	1970	6.25	3.55	5.89	65	3.98
Que.	1969	6.21	3.35	5.64	66	3.60
	1970	6.22	3.25	5.67	66	3.59
Ont.	1969	6.39	3.31	5.95	62	3.91
	1970	6.37	3.53	5.98	61	4.08
Man.	1969	5.90	2.91	5.29	64	2.92
	1970	6.07	2.91	5.47	63	3.10
Sask.	1969	5.78	2.85	5.34	61	2.92
	1970	5.75	2.74	5.29	60	2.91
Alta.	1969	5.71	3.26	5.26	61	3.16
	1970	5.81	3.31	5.36	62	3.26
B.C.	1969	6.80(6)	6.80(6)	6.80(6)	59	5.42
	1970	7.02(6)	7.02(6)	7.02(6)	62	5.64
Canada	1969	6.29	3.77	5.86	63	3.70
	1970	6.35	3.90	5.95	63	3.78

(1) See paragraph 5, page 4, re farm cash receipts.

(2) Includes the milk equivalent of cheddar and other factory cheese made from whole milk and cream.

(3) Includes columns 2, 3 and 4.

(4) Includes columns 1, 2, 3 and 4.

(5) Based on class III qualifying milk.

(6) Based on class I qualifying milk.

TABLE 11. Creamery Butter: Domestic Disappearance for July, January to July, and January to December 1961 to 1970(1)

Year	July		January to July		January to December	
	Total	Per capita	Total	Per capita	Total	Per capita
	'000 lb.	lb.	'000 lb.	lb.	'000 lb.	lb.
1961	21,735	1.19	157,369	8.63	288,309	15.81
1962	28,342	1.53	171,901	9.26	320,752	17.26
1963	28,197	1.49	195,004	10.29	351,342	18.53
1964	32,177	1.67	204,578	10.58	357,323	18.49
1965	30,068	1.53	200,566	10.19	356,201	18.10
1966	23,736	1.18	195,954	9.78	347,819	17.35
1967	25,926	1.27	189,726	9.28	336,982	16.49
1968	29,367	1.42	192,396	9.27	333,110	16.04
1969	29,141	1.38	188,106	8.91	322,307	15.28
1970	24,827	1.17	182,770	8.60	-	-

(1) Data for 1970 does not include butter imported under special permit and processed into "materials for food preparations" for export.

TABLE 12. Cheese, Supply and Disposition, Canada, July and Cumulative January to July 1966 to 1970

Year	Stocks beginning	Production	Imports (1)	Exports (1)	Stocks end	Domestic disappearance	
						July	Jan.-July
'000 lb.							
Cheddar cheese							
1966	72,040	20,382	-	2,110	77,852	12,460	68,967
1967	76,804	20,346	-	862	84,872	11,416	76,752
1968	84,803	20,861	-	2,517	92,558	10,589	73,378
1969	79,515	22,025	-	298	89,473	11,769	73,705
1970	67,175	19,354	-	1,340	73,739	11,450	91,146
Process cheese							
1966	5,952	5,968	139	20	6,902	5,137	46,297
1967	6,809	6,904	326	21	7,202	6,816	49,139
1968	6,352	6,806	281	20	7,218	6,201	49,626
1969	7,874	7,032	233	41	7,854	7,244	53,280
1970	6,680	7,081	(2)	715	6,572	6,474	51,257(3)
Other cheese (hard and soft varieties)							
1969	6,060	2,984	1,864	77	5,911	4,920	37,521
1970	6,983	3,454	(2)	320	6,400	3,717	33,750(3)

(1) Data for 1970 are preliminary and subject to revision.

(2) Not yet available.

(3) June disappearance revised to include imports.

TABLE 13. Principal Concentrated Milk Products, Supply and Disposition, Canada, July and Cumulative January to July 1966 to 1970

Year	Stocks beginning	Production	Imports (1)	Exports (1)	Stocks end	Domestic disappearance	
						July	Jan.-July
'000 lb.							
Evaporated whole milk							
1966	39,364	32,934	—	229	50,061	22,008	172,107
1967	33,918	31,198	—	555	43,788	20,773	169,193
1968	37,583	29,597	—	724	45,880	20,576	169,024
1969	39,871	27,524	—	107	46,349	20,939	160,396
1970	26,744	25,285	—	441	35,424	16,164	155,408
Partly skimmed evaporated milk							
1966	1,202	1,191	—	—	1,459	934	8,326
1967	1,024	1,219	—	—	1,242	1,001	7,656
1968	900	822	—	—	952	770	5,853
1969	976	632	—	—	692	916	5,078
1970	882	464	—	—	718	628	4,712
Condensed whole milk							
1966	669	1,105	—	—	741	1,033	11,843
1967	763	1,473	—	—	728	1,508	14,641
1968	1,650	1,353	—	—	1,381	1,622	14,891
1969	654	1,517	—	—	1,168	1,003	12,492
1970	1,734	926	—	—	1,489	1,171	9,677
Whole milk powder							
1966	2,220	368	—	440	2,340	(2)	389
1967	1,402	651	—	785	1,161	107	2,963
1968	824	150	—	80	657	237	1,861
1969	196	128	—	291	268	(2)	1,997
1970	370	70	—	—	70	370	(3)
Skim milk powder							
1966	55,299	32,879	—	2,955	67,074	18,149	92,138
1967	56,160	42,528	—	4,204	80,494	13,990	78,361
1968	187,610	46,053	—	3,400	218,508	11,755	89,142
1969	198,337	51,959	—	27,798	209,677	12,821	127,908
1970	107,696	47,545	—	20,146	139,366	(2)	25,209
Casein							
1966	4,103	4,029	12	1,638	5,547	959	4,281
1967	3,121	2,686	38	1,323	3,997	525	6,433
1968	5,168	1,940	76	41	6,609	534	2,453
1969	7,504	1,605	109	398	8,511	309	3,687
1970	5,630	1,074	(4)	770	5,624	310	5,011(5)

(1) Data for 1970 are preliminary and subject to revision.

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

(3) Less than three firms reporting this item previously. The figure therefore cannot be shown separately.

(4) Not yet available.

(5) June disappearance revised to include imports.

TABLE 14. Ice Cream: Production of Hard and Soft Types, by Province, August and Cumulative January to August 1969 and 1970

Province and year	Hard ice cream		Soft ice cream		Total ice cream	
	August	Jan.-Aug.	August	Jan.-Aug.	August	Jan.-Aug.
	thousand gallons					
P.E.I. 1969	40	274	6	23	46	297
1970	60	305	6	23	66	328
N.S. 1969	260	1,601	30	169	290	1,770
1970	273	1,746	28	146	301	1,892
N.B. 1969	172	1,086	16	73	188	1,159
1970	216	1,241	14	74	230	1,315
Que. 1969	1,513	9,654	276	1,187	1,789	10,841
1970	1,763	10,577	175	861	1,938	11,438
Ont. 1969	2,289	14,542	65	303	2,354	14,845
1970	2,238	14,587	56	296	2,294	14,883
Man. 1969	324	2,095	54	254	378	2,349
1970	413	2,213(1)	47	210(1)	460	2,423(1)
Sask. 1969	293	1,709	54	268	347	1,977
1970	278	1,762	52	269	330	2,031
Alta. 1969	460	3,180	143	743	603	3,923
1970	497	3,566	98	567	595	4,133
B.C. 1969	542	3,933	118	676	660	4,609
1970	490	3,818	155	734	645	4,552
Totals .. 1969	5,893	38,074	762	3,696	6,655	41,770
1970	6,228	39,815(1)	631	3,180(1)	6,859	42,995(1)

(1) Includes an upward adjustment of 65,000 gallons of hard ice cream and 9,000 gallons of soft ice cream for the month of July in Manitoba.

TABLE 15. Production of Other Products in Ice Cream Industry, Canada, August and Cumulative January to August 1969 and 1970

Year	Milkshake mix		Sherbet		Water ices		Ice milk	
	August	Jan.-Aug.	August	Jan.-Aug.	August	Jan.-Aug.	August	Jan.-Aug.
	thousand gallons							
1969	141.4	775.6	74.5	567.9	484.5	2,999.6	154.6	1,063.5
1970	145.9	1,007.1	92.5	611.9	388.3	2,602.5	164.8	1,056.1

TABLE 16. Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, August 1970 (1)

(Data on Export Sales not included due to disclosure provisions of Statistics Act)

Province and classification	Domestic sales of skim milk powder			
	Total reported	Range of reported prices(2)	Weighted average selling price F.O.B. plant (net)	Price range of "bulk of sales"
	'000 lb.	¢ per lb.	¢ per lb.	¢ per lb.
Quebec:				
Spray	18,216	16.3 - 23.8	19.65	19.6 - 20.0
Roller	1,043	16.8 - 19.3	18.01	17.6 - 18.0
Feed	314	10.3 - 17.8	14.24	15.1 - 15.5
Ontario:				
Spray	9,300	17.3 - 22.8	19.97	19.6 - 20.0
Roller	434	18.8 - 20.3	19.52	18.6 - 19.0
Feed	21	12.8 - 17.8	15.34	14.6 - 15.0

(1) At time of publication reports had not been received from 3 of 60 plants listed as producing in Quebec and Ontario, therefore, the table should not be interpreted as covering total sales in these provinces.

(2) Mid-points of lowest and highest half cent range in which sales were reported.

Livestock and Animal Products Section, Agriculture Division

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