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Published by Authority of the Minister of Industry, Trade and Commerce

THE DAIRY REVIEW

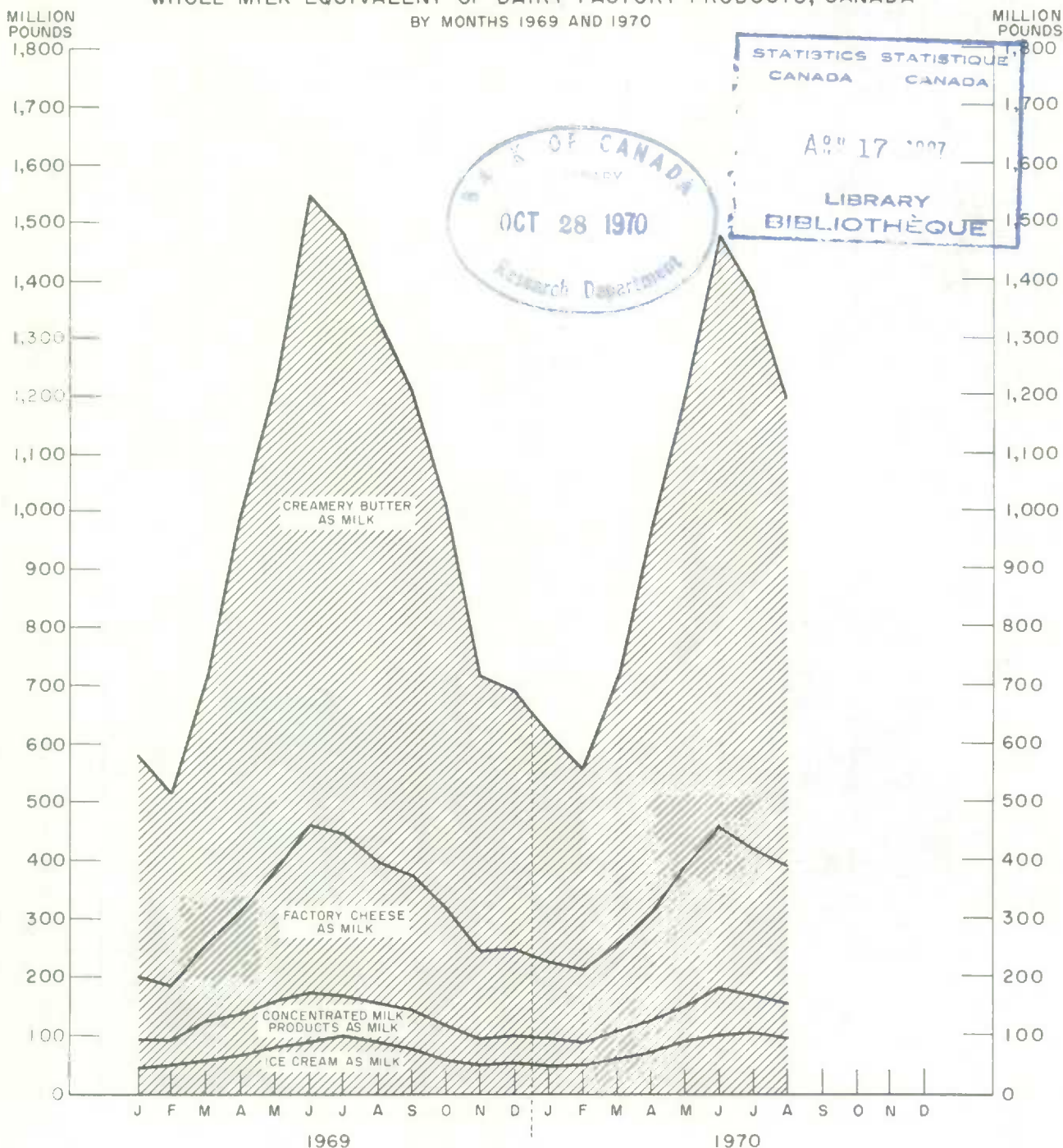
Vol 31 No.9

SEPTEMBER 1970

Price: \$2.00 per year

WHOLE MILK EQUIVALENT OF DAIRY FACTORY PRODUCTS, CANADA

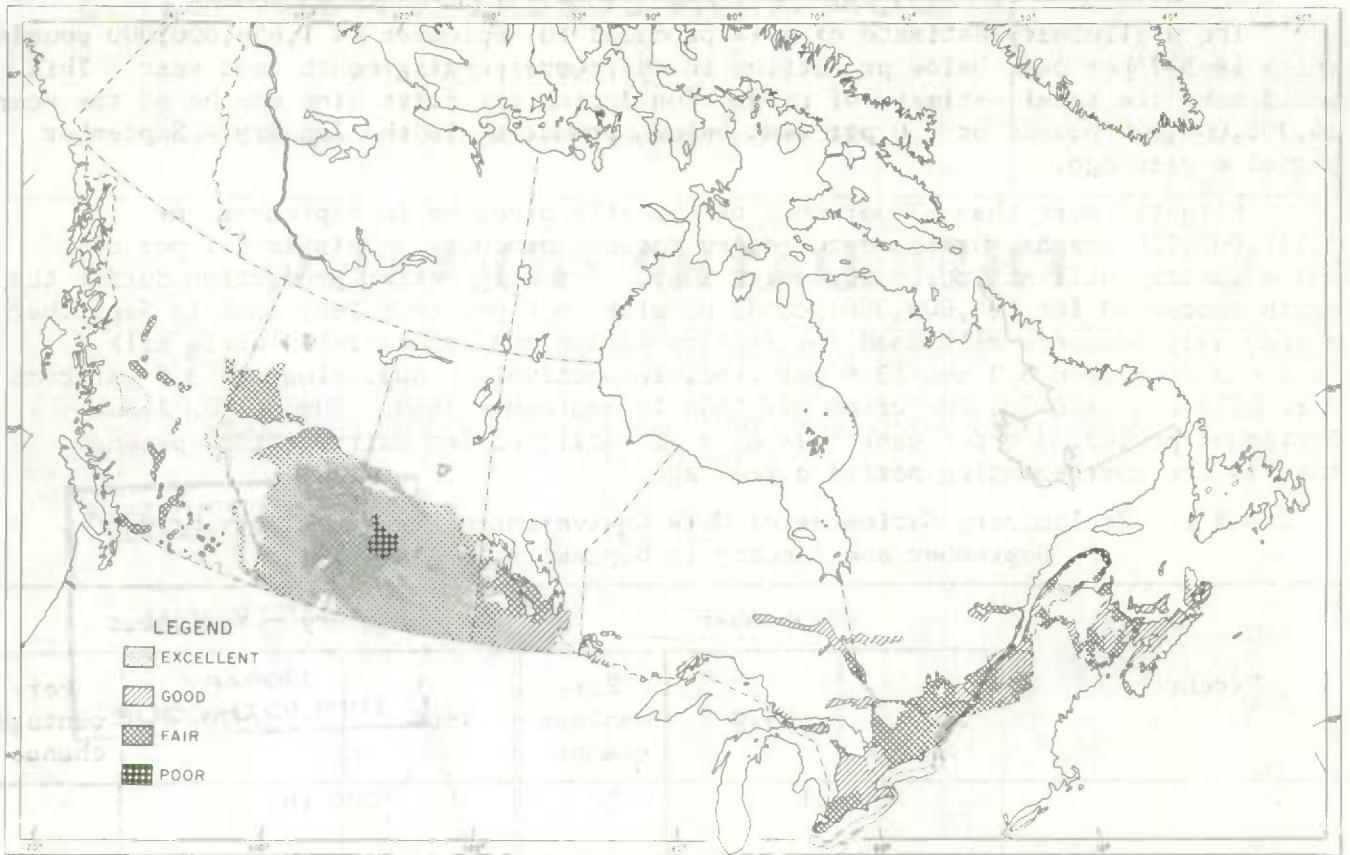
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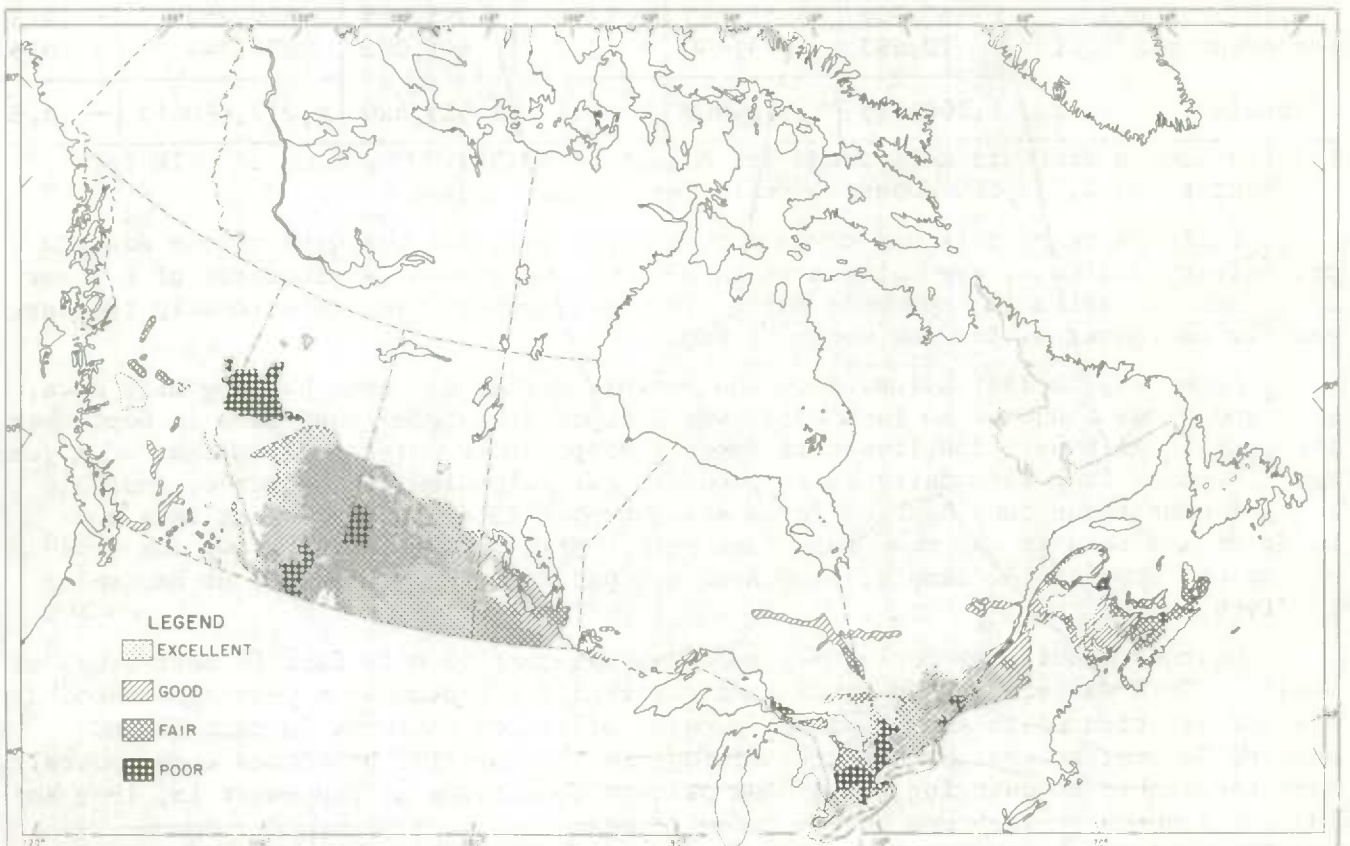
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PASTURE CONDITIONS ON FARMS KEEPING MILK COWS



SEPTEMBER 15th 1970



SEPTEMBER 15th 1969

Preliminary Indications of the Dairy Situation, September 1970

The preliminary estimate of milk produced in September is 1,656,000,000 pounds which is 5.7 per cent below production in the corresponding month last year. This would make the total estimate of production during the first nine months of the year 14,308,000,000 pounds or 2.0 per cent below production in the January - September period a year ago.

Slightly more than 67 per cent of the milk produced in September, or 1,111,000,000 pounds, was used for dairy factory products. This is 8.1 per cent below factory utilization in September 1969. Creamery butter production during the month accounted for 765,000,000 pounds of milk, 8.6 per cent less than in September a year ago; however, milk used for factory cheese and concentrated whole milk products decreased 8.3 and 13.6 per cent, respectively. Approximately 3.0 per cent more milk was used for ice cream mix than in September 1969. During the January - September period, 3.8 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, September and January to September 1969 and 1970

Product	September			January - September		
	1969	1970	Per-centage change	1969	1970	Per-centage change
	'000 lb.		%	'000 lb.		%
Creamery butter ..	836,480	764,876	- 8.6	6,579,426	6,237,388(1)	- 5.2
Factory cheese ...	232,098	212,892	- 8.3	1,768,237	1,793,073(1)	+ 1.4
Concentrated whole milk products ..	67,908	58,699	- 13.6	595,065	510,255	- 14.3
Ice cream mix	72,293	74,440	+ 3.0	641,092	676,744	+ 5.6
Totals	1,208,779	1,110,907	- 8.1	9,583,820	9,217,460(1)	- 3.8

(1) Includes a downward adjustment for August of 40,552,000 pounds of milk for butter and 4,565,000 pounds of milk for cheddar cheese.

Fluid sales of milk and cream during September, for purposes of the advance preliminary estimate, are calculated at 432,000,000 pounds, an increase of 0.3 per cent from the sales in September 1969. This assumes the same relationship to year-earlier estimates as for the month of August.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 2.6 per cent below that used in September 1969, while milk used for livestock feeding dropped 3.6 per cent from that of a year ago. Reports from farm dairy correspondents participating in the survey indicate 1.2 per cent fewer cows kept on farms at September 15 and 0.4 per cent less cows being milked than at the same date last year. Milk production per cow, for cows milked on farms in the sample, decreased 6.7 per cent from the level at September 15, 1969.

Pasture conditions during September were generally only fair in most areas of Canada. This was similar to conditions reported for September a year ago. Hot, dry weather experienced in August had an adverse effect on pastures in central and western Canada; however, weather conditions in the maritime provinces were generally more favourable to dairying. Regional pasture conditions at September 15, 1969 and 1970, are shown on the maps on the opposite page.

FARM MILK PRODUCTION, UTILIZATION AND CASH RECEIPTS IN AUGUST 1970

Farm milk production. — The estimated quantity of milk produced on farms in August amounted to 1,742 million pounds, a decrease of 136 million pounds or 7.3 per cent below that of August 1969. Of this amount, 1,193 million pounds or 68 per cent was utilized in factory production, and approximately 425 million pounds or 25 per cent was used for fluid sales. During the January-August period, the estimated production was 12,651 million pounds, a decrease of 191 million pounds from the corresponding period last year. The quantity of milk utilized for factory production in the January-August period amounted to 8,107 million pounds while fluid sales accounted for 3,422 million pounds.

Fluid sales. — Sales of fluid milk and cream, the latter expressed as milk, amounted to 425 million pounds in August, an increase of approximately one million pounds from August of last year. This included about 362 million pounds of fluid milk, comprising about 21 per cent of the farm milk supply, and fluid cream sales of 63 million pounds representing about 4 per cent. During the eight month period, fluid sales totalled 3,422 million pounds, an increase of 69 million pounds or 2.1 per cent over those of the corresponding period a year earlier.

Farm butter. — Butter made on farms in August amounted to 252,000 pounds, decreasing 4 per cent from the corresponding month in 1969. For the January-August period, 1,876,000 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 August amounted to \$62,605,000. This represented a decrease of 5.2 per cent or \$3,468,000 from the corresponding month last year. The weighted average value of \$3.87 per hundred pounds of milk was 10 cents higher than in August 1969. Fluid milk at \$6.35 per hundred was 5 cents higher than in August 1969. Cream for butter at 65.4 cents per pound butterfat was 0.8 cents higher than in August 1969, and farm butter at 63 cents per pound was the same as in August 1969. Milk used in the manufacture of all dairy products averaged \$3.37 per hundred, 2 cents higher than in August 1969. Cheese milk increased to \$3.34 per hundred, an increase of 10 cents per hundred from the corresponding month a year earlier. Of all the milk utilized for factory dairy products in August 1970 not more than 87 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 AUGUST 1970

Creamery butter

Production. - Creamery butter production amounted to 34.5 million pounds in August 1970, a decrease of approximately 5.3 million pounds from production in the same month of the previous year.

Stocks. - Holdings of creamery butter in store on September 1, 1970, amounted to 116.2 million pounds, approximately 23.1 million pounds higher than at September 1, last year. On August 1, 1970, stock holdings at 106.7 million pounds were 26.6 million pounds more than at the same date a year earlier.

Supply. - Stocks of creamery butter on August 1, plus production and imports during the month, amounted to 141.1 million pounds of butter at August 31, 1970. This was an increase of approximately 21.3 million pounds compared to the corresponding supply figure at August 31, 1969.

Domestic disappearance. - The domestic disappearance of creamery butter in August amounted to 24.9 million pounds of butter, a decrease of 1.8 million pounds or 6.7 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 1.27 pounds in August 1969.

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

Cheddar Cheese

Production. - Cheddar cheese production in August amounted to approximately 17.9 million pounds, a decrease of about 1.3 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 August, the same as in August 1969.

Ice cream mix

The quantity of ice cream mix manufactured in August was approximately 3.5 million gallons or 71 thousand gallons more than that produced a year ago.

TABLE 2. Cottage Cheese: Production in the First Three Quarters of 1970 Compared with 1969

Province	July to September			January to September		
	1970	1969	% of 1969	1970	1969	% of 1969
	'000 lb.		%	'000 lb.		%
Maritime						
Provinces	283	267	106	833	729	114
Quebec	1,006	828	121	3,129	2,629	119
Ontario	5,113	4,912	104	15,402	14,225	108
Manitoba	666	537	124	1,814	1,616	112
Saskatchewan ...	422	359	118	1,239	1,029	120
Alberta	1,211	1,225	99	3,570	3,480	103
B.C.	2,274	2,010	113	6,869	5,917	116
Totals	10,975	10,138	108	32,856	29,625	111

Note: The data include both creamed and uncreamed cottage cheese.

TABLE 3. Milk Production and Utilization, by Province, August 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	25,053	20,998	47	1,720	476	1,812
..... 1970	23,525	19,374	47	1,650	474	1,980
N.S. 1969	29,306	9,467	257	2,100	972	16,510
..... 1970	28,539	9,183	234	1,770	813	16,539
N.B. 1969	28,523	13,812	351	2,060	621	11,679
..... 1970	27,218	13,216	351	1,720	553	11,378
Que. 1969	806,123	666,959	609	19,300	9,760	109,495
..... 1970	716,869	578,115	562	19,300	9,320	109,572
Ont. 1969	611,311	403,951	608	15,700	17,400	173,652
..... 1970	572,931	366,725	562	16,100	16,000	173,544
Man. 1969	79,720	50,551	515	6,920	3,260	18,474
..... 1970	74,251	45,632	491	6,460	2,990	18,678
Sask. 1969	76,833	42,310	1,614	14,100	3,340	15,469
..... 1970	76,636	42,074	1,638	14,300	3,700	14,924
Alta. 1969	147,034	96,158	1,896	12,100	7,150	29,730
..... 1970	146,078	93,865	1,778	12,200	7,370	30,865
B.C. 1969	75,018	24,244	234	1,890	2,280	46,370
..... 1970	76,413	24,759	234	1,820	2,510	47,090
Totals .. 1969	1,878,921	1,328,450	6,131	75,890	45,259	423,191
..... 1970	1,742,460	1,192,943	5,897	75,320	43,730	424,570

TABLE 4. Milk Production and Utilization: Cumulative Data, by Province, January to August 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	149,869	118,913	376	12,560	5,556	12,464
..... 1970	141,211	110,472	376	12,110	5,391	12,862
N.S. 1969	233,270	76,605	1,824	14,680	7,368	132,793
..... 1970	238,750	81,831	1,684	14,550	6,813	133,872
N.B. 1969	200,821	87,349	2,341	13,580	5,744	91,807
..... 1970	188,449	77,348	2,385	13,440	5,964	89,312
Que. 1969	4,917,336	3,768,196	4,024	131,900	149,900	863,316
..... 1970	4,790,646	3,607,367	4,261	133,200	157,870	887,948
Ont. 1969	4,541,202	2,841,607	4,258	120,100	188,600	1,386,637
..... 1970	4,427,903	2,714,478	3,958	117,700	189,800	1,401,967
Man. 1969	598,456	349,903	3,885	51,590	38,720	154,358
..... 1970	590,487	341,888	3,742	52,330	37,560	154,967
Sask. 1969	558,705	281,504	12,565	100,600	39,170	124,866
..... 1970	576,510	299,716	12,590	101,600	40,020	122,584
Alta. 1969	1,038,558	629,524	13,665	86,180	71,350	237,839
..... 1970	1,069,143	644,149	13,219	87,360	69,540	254,875
B.C. 1969	604,269	221,440	1,779	14,060	18,210	348,780
..... 1970	628,244	229,304	1,684	14,380	19,080	363,796
Totals .. 1969	12,842,486	8,375,041	44,717	545,250	524,618	3,352,860
..... 1970	12,651,343	8,106,553	43,899	546,670	532,038	3,422,183

TABLE 5. Milk Equivalent of Factory Products and Fluid Sales, by Province, August 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	13,408	3,025	4,565	1,608	204
..... 1970	12,823	2,497	4,054	1,832	148
N.S. 1969	4,937	1,188	3,342	14,502	2,008
..... 1970	3,346	1,166	4,671	14,546	1,993
N.B. 1969	11,092	649	2,071	10,409	1,270
..... 1970	9,992	484	2,740	10,209	1,169
Que. 1969	516,649	96,934	53,376	90,717	18,778
..... 1970	428,735	99,471	49,909	91,650	17,922
Ont. 1969	214,765	135,278	53,908	149,672	23,980
..... 1970	193,354	122,111	51,260	151,179	22,365
Man. 1969	41,558	3,873	5,120	14,975	3,499
..... 1970	35,568	4,612	5,452	15,163	3,515
Sask. 1969	40,810	—	1,500	13,218	2,251
..... 1970	40,342	—	1,732	12,706	2,218
Alta. 1969	77,267	3,652	15,239	24,506	5,224
..... 1970	73,757	3,993	16,115	25,459	5,406
B.C. 1969	9,360	1,694	13,190	38,228	8,142
..... 1970	8,611	1,595	14,553	38,828	8,262
Totals ... 1969	929,846	246,293	152,311	357,835	65,356
..... 1970	806,528	235,929	150,486	361,572	62,998

(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 6. Milk Utilization: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, August 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.	54	11	17	82	9	—	7	2
N.S.	12	4	16	32	58	1	6	3
N.B.	37	2	10	49	42	1	6	2
Que.	60	14	7	81	15	—	3	1
Ont.	34	21	9	64	30	—	3	3
Man.	48	6	7	61	25	1	9	4
Sask.	53	—	2	55	19	2	19	5
Alta.	50	3	11	64	21	1	9	5
B.C.	11	2	19	32	62	—	3	3
Canada ..	46	13	9	68	25	—	4	3

TABLE 7. Butter Made on Farms, by Province, August and Cumulative January to August 1969 and 1970

Province	August			January-August		
	1970	1969	% of 1969	1970	1969	% of 1969
	'000 lb.		%	'000 lb.		%
P.E.I.	2	2	100	16	16	100
N.S.	10	11	91	72	78	92
N.B.	15	15	100	102	100	102
Que.	24	26	92	182	172	106
Ont.	24	26	92	169	182	93
Man.	21	22	95	160	166	96
Sask.	70	69	101	538	537	100
Alta.	76	81	94	565	584	97
B.C.	10	10	100	72	76	95
Totals ..	252	262	96	1,876	1,911	98

TABLE 8. 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, July, August and September 1969 and 1970

Province	July		August		September	
	1970	1969	1970	1969	1970	1969
	percentages					
P.E.I.	86.2	82.8	85.5	80.9	84.3	80.0
N.S.	73.4	73.1	73.9	73.8	73.3	72.8
N.B.	79.5	76.6	83.6	78.0	78.4	75.0
Que.	83.2	82.9	82.7	82.9	82.2	81.6
Ont.	75.5	77.0	76.1	76.4	76.1	75.7
Man.	75.3	72.2	72.2	71.8	68.2	66.5
Sask.	79.1	75.4	76.7	74.0	74.1	70.0
Alta.	78.5	78.3	77.2	77.2	75.0	76.0
B.C.	76.3	74.5	75.2	76.7	75.2	76.4
Canada ..	79.2	79.1	78.9	78.8	78.1	77.4

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

Province	All cows			Cows milked		
	August 1970	September 1970	September 1969	August 1970	September 1970	September 1969
	pounds					
P.E.I.	28.8	26.3	24.3	33.7	31.2	30.4
N.S.	21.8	19.6	20.4	29.5	26.7	28.0
N.B.	24.7	21.5	20.8	29.5	27.3	27.8
Que.	23.8	21.7	24.1	28.8	26.3	29.5
Ont.	25.9	24.1	25.1	34.1	31.6	33.1
Man.	21.7	18.2	20.0	30.0	26.8	30.0
Sask.	24.0	20.3	20.3	31.3	27.4	29.0
Alta.	26.2	22.4	24.0	33.9	29.9	31.6
B.C.	30.2	29.0	29.2	40.1	38.6	38.2
Canada ..	25.1	22.8	24.2	31.8	29.2	31.3

TABLE 9. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, by Province, August 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	313	89	131	12	93	--	638
..... 1970	311	76	136	9	106	--	638
N.S. 1969	111	34	127	103	983	1	1,359
..... 1970	77	34	172	106	1,012	1	1,402
N.B. 1969	248	17	68	45	617	3	998
..... 1970	225	13	91	42	645	3	1,019
Que. 1969	16,909	3,151	1,817	629	5,624	1	28,131
..... 1970	13,928	3,263	1,683	579	5,682	1	25,136
Ont. 1969	6,508	4,397	1,811	789	9,534	1	23,040
..... 1970	5,986	4,164	1,739	783	9,600	1	22,273
Man. 1969	849	120	158	102	888	1	2,118
..... 1970	742	150	171	102	914	--	2,079
Sask. 1969	893	—	41	62	769	2	1,767
..... 1970	885	—	47	60	739	2	1,733
Alta. 1969	1,902	121	491	168	1,404	1	4,087
..... 1970	1,831	137	531	179	1,507	1	4,186
B.C. 1969	282	52	415	559	2,626	1	3,935
..... 1970	259	50	467	590	2,772	1	4,139
Totals .. 1969	28,015	7,981	5,059	2,469	22,538	11	66,073
..... 1970	24,244	7,887	5,037	2,450	22,977	10	62,605

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

TABLE 10. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, Cumulative Data, by Province, January to August 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	1,710	589	793	44	620	--	3,756
P.E.I. 1970	1,738	458	784	56	693	--	3,729
N.S. 1969	939	358	852	726	7,614	8	10,497
N.S. 1970	899	330	1,122	815	8,316	8	11,490
N.B. 1969	1,529	104	497	335	4,889	20	7,374
N.B. 1970	1,295	81	560	320	5,054	20	7,330
Que. 1969	92,198	20,325	11,802	4,746	44,799	8	173,878
Que. 1970	85,265	21,311	11,028	4,585	46,419	8	168,616
Ont. 1969	48,877	26,860	13,406	6,516	76,664	8	172,331
Ont. 1970	47,386	27,954	12,333	6,651	77,766	8	172,098
Man. 1969	6,190	802	998	849	7,220	6	16,065
Man. 1970	5,841	1,188	986	811	7,677	--	16,503
Sask. 1969	6,012	--	286	493	6,354	15	13,160
Sask. 1970	6,400	--	352	472	6,262	14	13,500
Alta. 1969	12,315	748	3,584	1,360	11,326	8	29,341
Alta. 1970	12,369	940	4,057	1,442	12,282	8	31,098
B.C. 1969	1,978	502	4,487	4,220	19,521	8	30,716
B.C. 1970	2,319	559	4,338	4,543	21,165	8	32,932
Totals .. 1969	171,748	50,288	36,705	19,289	179,007	81	457,118
Totals .. 1970	163,512	52,821	35,560	19,695	185,634	74	457,296

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

TABLE 11. Average Farm Values of Cream, Milk and Farm Butter, by Province, August 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	2.87	2.90	2.54
1970	70.0	—	3.04	3.35	3.24	2.70
N.S. 1969	65.0	—	2.90	3.81	3.55	2.87
1970	66.0	—	2.88	3.68	3.53	3.08
N.B. 1969	64.5	—	2.66	3.26	3.12	2.41
1970	65.0	—	2.62	3.32	3.23	2.49
Que. 1969	66.5	99.5	3.25	3.40	3.41	3.28
1970	67.5	98.5	3.28	3.37	3.38	3.26
Ont. 1969	62.2	95.1	3.25	3.37	3.29	3.15
1970	62.1	97.6*	3.41*	3.39*	3.39	3.24
Man. 1969	59.0	—	3.11	3.08	3.09	2.23
1970	60.2	—	3.26	3.13	3.19	2.33
Sask. 1969	63.2	—	—	2.75	2.75	2.21
1970	63.4	—	—	2.71	2.71	2.22
Alta. 1969	67.8	96.3	3.33	3.23	3.27	2.61
1970	68.8	94.0	3.43	3.30	3.30	2.66
B.C. 1969	—	87.1(5)	3.07(5)	3.15(5)	3.09	3.09
1970	—	86.8(5)	3.14(5)	3.21(5)	3.13	3.13
Canada ... 1969	64.6	98.1	3.24	3.32	3.35	3.09
1970	65.4	98.0	3.34	3.35	3.37	3.12

(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 11. Average Farm Values of Cream, Milk and Farm Butter, by Province, August 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	5.77	5.77	5.77	63	2.80
..... 1970	5.79	5.79	5.79	63	2.99
N.S. 1969	6.78	5.14	6.58	61	5.23
..... 1970	6.96	5.30	6.76	62	5.45
N.B. 1969	5.93	3.56	5.67	65	3.90
..... 1970	6.32	3.56	6.04	65	4.13
Que. 1969	6.20	3.35	5.71	66	3.62
..... 1970	6.20	3.23	5.71	65	3.66
Ont. 1969	6.37	3.29	5.94	62	3.99
..... 1970	6.35	3.50	5.98	61	4.12
Man. 1969	5.93	2.91	5.36	63	3.07
..... 1970	6.03	2.90	5.44	63	3.23
Sask. 1969	5.82	2.75	5.37	61	3.05
..... 1970	5.82	2.71	5.35	61	3.04
Alta. 1969	5.73	3.22	5.29	61	3.25
..... 1970	5.92	3.32	5.46	62	3.36
B.C. 1969	6.87(6)	6.87(6)	6.87(6)	60	5.57
..... 1970	7.14(6)	7.14(6)	7.14(6)	59	5.76
Canada 1969	6.30	3.78	5.91	63	3.77
..... 1970	6.35	3.89	5.99	63	3.87

(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 12. Creamery Butter: Domestic Disappearance for August, January to August, and January to December 1961 to 1970(1)

Year	August		January to August		January to December	
	Total	Per capita	Total	Per capita	Total	Per capita
	'000 lb.	lb.	'000 lb.	lb.	'000 lb.	lb.
1961	25,807	1.42	183,176	10.05	288,309	15.81
1962	30,099	1.62	202,000	10.88	320,752	17.26
1963	29,686	1.57	224,690	11.86	351,342	18.53
1964	27,854	1.44	232,432	12.02	357,323	18.49
1965	30,242	1.54	230,808	11.73	356,201	18.10
1966	32,964	1.64	228,918	11.42	347,819	17.35
1967	29,745	1.46	219,471	10.74	336,982	16.49
1968	28,096	1.35	220,492	10.62	333,110	16.04
1969	26,706	1.27	214,812	10.18	322,307	15.28
1970	24,917	1.17	207,687	9.77	—	—

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

TABLE 13. Cheese, Supply and Disposition, Canada, August and Cumulative January to August 1966 to 1970

Year	Stocks beginning	Production	Imports(1)	Exports(1)	Stocks end	Domestic disappearance	
						August	Jan. - Aug.
'000 lb.							
Cheddar cheese							
1966	77,852	19,351	—	2,706	85,268	9,229	78,196
1967	84,872	18,120	—	714	88,653	13,625	90,377
1968	92,558	19,368	—	1,658	99,115	11,153	84,531
1969	89,473	19,214	—	223	92,509	15,955	89,660
1970	73,739	17,879	—	1,183	74,955	15,480	106,626
Process cheese							
1966	6,902	6,748	184	22	8,111	5,701	51,998
1967	7,202	7,799	143	20	8,579	6,545	55,684
1968	7,218	7,766	128	73	8,340	6,699	56,325
1969	7,854	8,896	276	45	8,524	8,457	61,737
1970	6,572	10,065	(2)	736	8,624	7,277	58,815(3)
Other cheese (hard and soft varieties)							
1969	5,911	3,201	1,975	74	6,093	4,920	42,441
1970	6,400	3,595	(2)	166	6,109	3,720	39,477(3)

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

(2) Not yet available.

(3) July disappearance revised to include imports.

TABLE 14. Principal Concentrated Milk Products, Supply and Disposition, Canada, August and Cumulative January to August 1966 to 1970

Year	Stocks beginning	Production	Imports(1)	Exports(1)	Stocks end	Domestic disappearance	
						August	Jan. - Aug.
'000 lb.							
Evaporated whole milk							
1966	50,061	31,594	—	494	54,463	26,698	198,805
1967	43,788	27,883	—	1,095	48,088	22,488	191,681
1968	45,880	27,431	—	464	49,070	23,777	192,801
1969	46,349	24,613	—	516	51,460	18,986	179,382
1970	35,424	22,860	—	2,113	41,406	14,765	170,173
Partly skimmed evaporated milk							
1966	1,459	1,170	—	—	1,319	1,310	9,636
1967	1,242	716	—	—	1,291	667	8,323
1968	952	974	—	—	934	992	6,845
1969	692	728	—	—	703	717	5,795
1970	718	351	—	—	707	362	5,074
Condensed whole milk							
1966	741	2,130	—	—	751	2,120	13,963
1967	728	1,796	—	—	744	1,780	16,421
1968	1,381	2,571	—	—	1,512	2,440	17,331
1969	1,168	1,798	—	—	1,117	1,849	14,341
1970	1,489	1,270	—	—	1,185	1,574	11,251
Whole milk powder							
1966	2,340	349	—	445	1,944	300	689
1967	1,161	484	—	78	1,515	52	3,015
1968	657	272	—	228	596	105	1,966
1969	268	154	—	—	255	167	2,164
1970	70	66	—	—	102	34	(2)
Skim milk powder							
1966	67,074	31,291	—	11,347	78,029	8,989	101,127
1967	80,494	40,309	—	3,552	102,722	14,529	92,890
1968	218,508	43,711	—	3,299	241,710	17,210	106,352
1969	209,677	46,631	—	29,161	209,914	17,233	145,141
1970	139,366	41,446	—	7,626	155,878	17,308	42,517
Casein							
1966	5,547	3,433	29	1,892	5,756	1,361	5,642
1967	3,997	1,986	24	953	4,608	446	6,879
1968	6,609	2,037	124	230	7,698	842	3,295
1969	8,511	1,517	122	392	9,412	346	4,033
1970	5,624	924	(3)	959	5,451	138	5,354(4)

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

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

(3) Not yet available.

(4) July disappearance revised to include imports.

TABLE 15. Ice Cream: Production of Hard and Soft Types, by Province, September and Cumulative January to September 1969 and 1970

Province and year	Hard ice cream		Soft ice cream		Total ice cream	
	Sept.	Jan.-Sept.	Sept.	Jan.-Sept.	Sept.	Jan.-Sept.
thousand gallons						
P.E.I. 1969	32	306	3	26	35	332
1970	33	338	2	25	35	363
N.S. 1969	217	1,818	21	190	238	2,008
1970	181	1,927	12	158	193	2,085
N.B. 1969	143	1,229	6	79	149	1,308
1970	169	1,410	8	82	177	1,492
Que. 1969	1,240	10,894	150	1,337	1,390	12,231
1970	1,411	11,988	71	932	1,482	12,920
Ont. 1969	1,953	16,495	31	334	1,984	16,829
1970	2,026	16,613	24	320	2,050	16,933
Man. 1969	248	2,343	20	274	268	2,617
1970	252	2,465	25	235	277	2,700
Sask. 1969	176	1,885	25	293	201	2,178
1970	165	1,927	24	293	189	2,220
Alta. 1969	357	3,537	65	808	422	4,345
1970	370	3,936	54	621	424	4,557
B.C. 1969	445	4,378	57	733	502	5,111
1970	422	4,240	78	812	500	5,052
Totals .. 1969	4,811	42,885	378	4,074	5,189	46,959
1970	5,029	44,844	298	3,478	5,327	48,322

TABLE 16. Production of Other Products in Ice Cream Industry, Canada, September and Cumulative January to September 1969 and 1970

Year	Milkshake mix		Sherbet		Water ices		Ice milk	
	Sept.	Jan-Sept	Sept	Jan-Sept	Sept.	Jan.-Sept	Sept.	Jan.-Sept.
thousand gallons								
1969	102.5	878.1	69.8	637.7	292.8	3,292.4	142.9	1,206.4
1970	105.8	1,112.9	66.7	668.6	214.7	2,817.2	154.3	1,210.4

TABLE 17. Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, September 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	19,434	16.3 - 23.8	19.66	19.6 - 20.0
Roller	1,115	14.3 - 19.3	18.06	18.1 - 18.5
Feed	386	9.8 - 17.3	16.34	16.1 - 16.5
Ontario:				
Spray	7,353	15.3 - 23.3	19.98	19.6 - 20.0
Roller	(3)	(3)	(3)	(3)
Feed	82	10.8 - 17.3	16.19	15.6 - 16.0

- (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.
 (3) Less than three firms reporting this item. The figures therefore cannot be shown.

Livestock and Animal Products Section, Agriculture Division

Issued Tuesday, October 27, 1970

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