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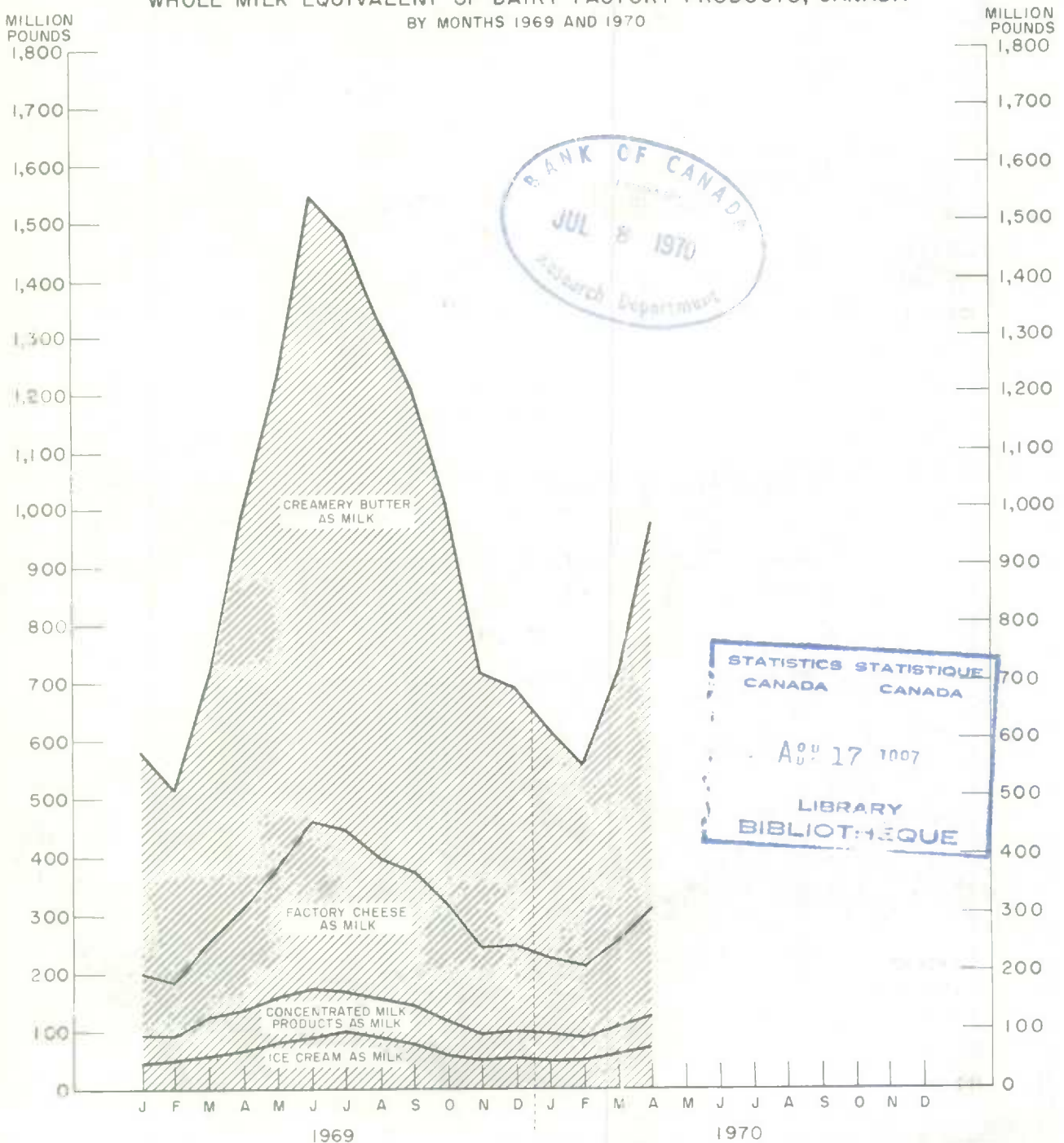
THE DAIRY REVIEW

Vol 31 No 5

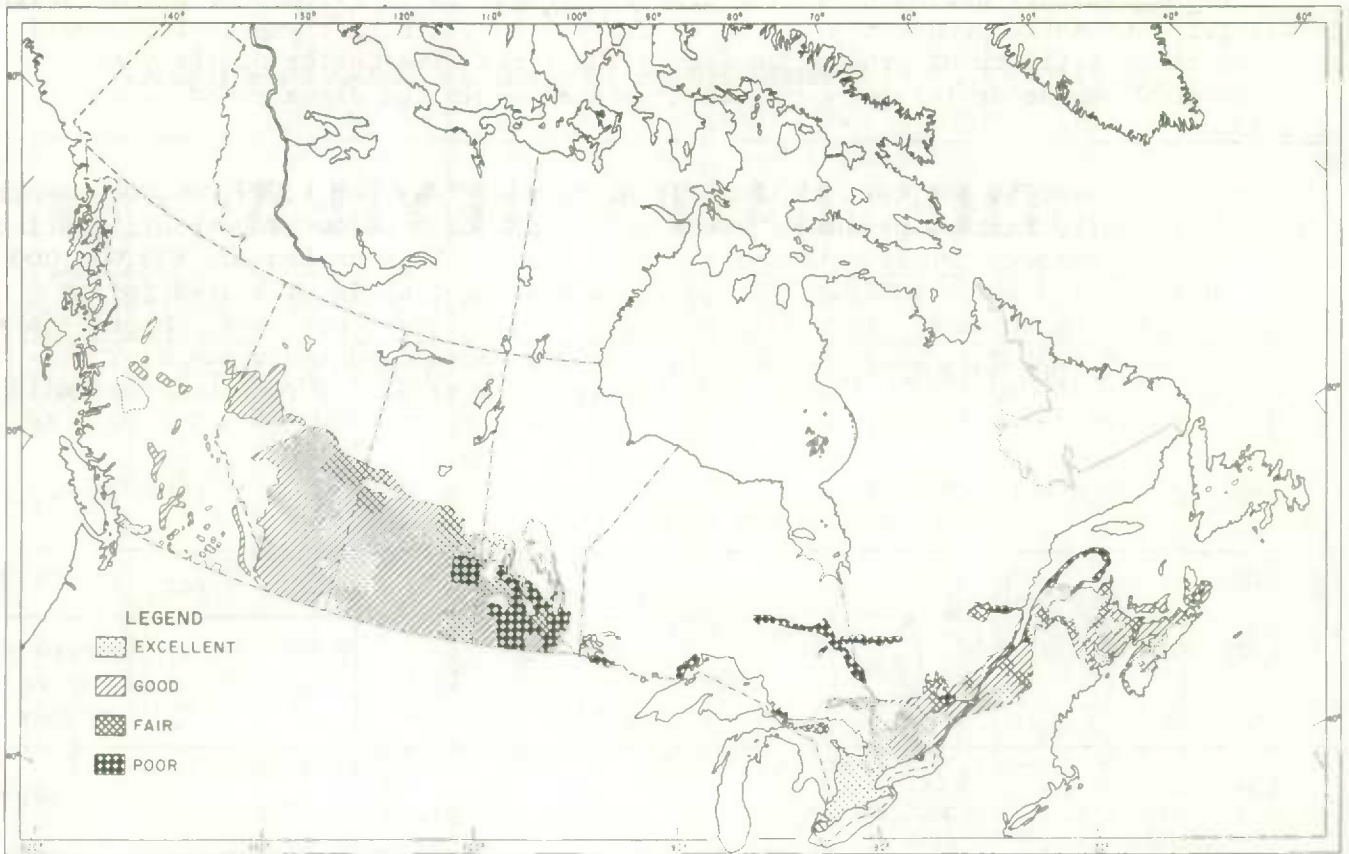
MAY 1970

Price \$2.00 per year

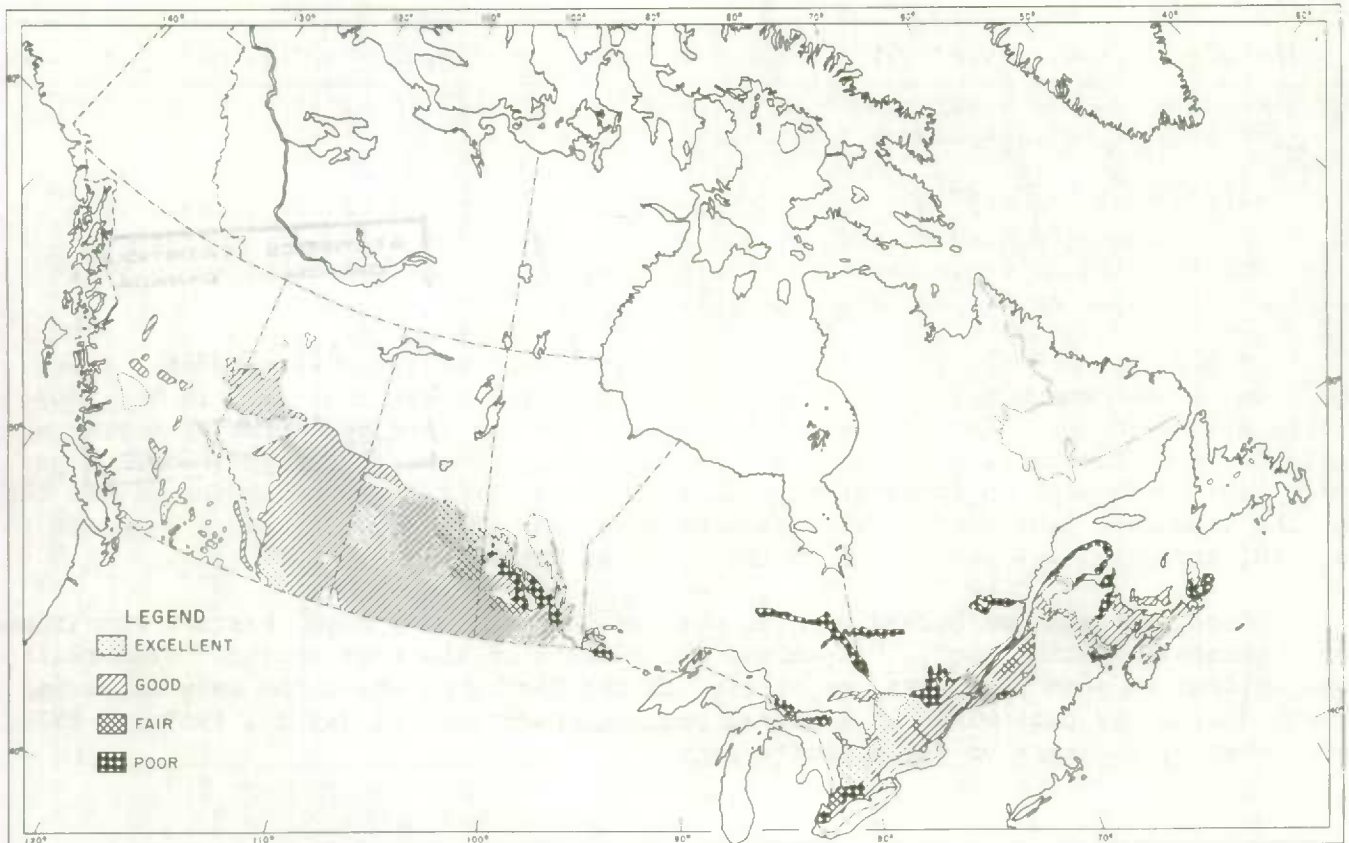
WHOLE MILK EQUIVALENT OF DAIRY FACTORY PRODUCTS, CANADA BY MONTHS 1969 AND 1970



PASTURE CONDITIONS ON FARMS KEEPING MILK COWS



MAY 15th 1970



MAY 15th 1969

DERIVED FROM REPORTS BY ABOUT 4,500 DAIRY CORRESPONDENTS

Preliminary Indications of the Dairy Situation, May 1970

The preliminary estimate of milk produced in May is 1,829,000,000 pounds which is 0.1 per cent above production in the corresponding month last year. This would make the total estimate of production during the first five months of the year 6,953,000,000 pounds or 1.7 per cent above production in the January-May period a year ago.

Slightly over 66 per cent of the milk produced in May, or 1,213,000,000 pounds, was used for dairy factory products. This is 1.2 per cent below factory utilization in May 1969. Creamery butter production during the month accounted for 830,000,000 pounds of milk, 1.8 per cent less than in May a year ago, while milk used in the manufacture of concentrated whole milk products declined 14.2 per cent. Approximately 4.7 and 2.3 per cent more milk was used for factory cheese and ice cream mix, respectively, than in May 1969. During the January-May period, 1.3 per cent more 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, May and January to May 1969 and 1970

| Product | May | | | January - May | | |
|---------------------------------------|-----------|-----------|--------------------|---------------|--------------|--------------------|
| | 1969 | 1970 | Per-centage change | 1969 | 1970 | Per-centage change |
| | '000 lb. | | % | '000 lb. | | % |
| Creamery butter | 845,208 | 829,670 | - 1.8 | 2,695,868 | 2,702,676 | + 0.3 |
| Factory cheese | 223,777 | 234,265 | + 4.7 | 725,462 | 816,272(1) | + 12.5 |
| Concentrated whole milk products | 79,318 | 68,088 | - 14.2 | 311,720 | 252,414 | - 19.0 |
| Ice cream mix | 79,110 | 80,956 | + 2.3 | 291,773 | 307,726 | + 5.5 |
| Totals | 1,227,413 | 1,212,979 | - 1.2 | 4,024,823 | 4,079,088(1) | + 1.3 |

(1) Includes an upward adjustment of 594,000 lbs. of milk in April as a result of a revision to cheddar cheese in Manitoba.

Fluid sales of milk and cream during May, for purposes of the advance preliminary estimate, are calculated at 445,000,000 pounds of milk, an increase of 2.1 per cent from the sales in May 1969. This assumes the same relationship to year-earlier estimates as for the month of April.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 1.6 per cent above that used in May 1969, while milk used for livestock feeding increased 6.9 per cent from that of a year ago. Reports from farm dairy correspondents participating in the survey indicate 2.1 per cent fewer cows kept on farms at May 15, and 1.4 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, increased 2.4 per cent from the level at May 15, 1969.

Cool, wet weather prevailed over most of Canada during May. Pasture conditions were generally satisfactory, but showed the effects of the cool spring. Winterkill was evident in some provinces, especially in the Maritimes where the snow cover was light during the past winter. Regional pasture conditions at May 15, 1969 and 1970, are shown by the maps on the opposite page.

FARM MILK PRODUCTION, UTILIZATION AND CASH RECEIPTS IN APRIL 1970

Farm milk production. — The estimated quantity of milk produced on farms in April amounted to 1,567 million pounds, a decrease of 13 million pounds or 0.8 per cent below that of April 1969. Of this amount, 973 million pounds or 62 per cent was utilized in factory production, and approximately 422 million pounds or 27 per cent was used for fluid sales. During the January-April period, the estimated production was 5,124 million pounds, an increase of 117 million pounds from the corresponding period last year. The quantity of milk utilized for factory production in the January-April period amounted to 2,866 million pounds while fluid sales accounted for 1,714 million pounds.

Fluid sales. — Sales of fluid milk and cream, the latter expressed as milk, amounted to 422 million pounds in April, an increase of approximately 9 million pounds from April of last year. This included about 361 million pounds of fluid milk, comprising about 23 per cent of the farm milk supply, and fluid cream sales of 61 million pounds representing about 4 per cent. During the four month period, fluid sales totalled 1,714 million pounds, an increase of 49 million pounds or 2.9 per cent over those of the corresponding period a year earlier.

Farm butter. — Butter made on farms in April amounted to 226,000 pounds, decreasing 1 per cent from the corresponding month in 1969. For the January-April period, 876,000 pounds were produced, a decrease of 1 per cent from the same period last year.

Farm cash receipts. — Cash receipts from the sale of dairy products in April amounted to \$55,731,000. This represented an increase of 0.8 per cent or \$449,000 from the corresponding month last year. The weighted average value of \$3.99 per hundred pounds of milk was 6 cents higher than in April 1969. Fluid milk at \$6.37 per hundred was 7 cents higher than in April 1969. Cream for butter at 65.9 cents per pound butterfat was 0.2 cents higher than in April 1969, and farm butter at 62 cents per pound was the same as in April 1969. Milk used in the manufacture of all dairy products averaged \$3.38 per hundred, 3 cents higher than in April 1969. Cheese milk increased to \$3.33 per hundred, an increase of 6 cents per hundred from the corresponding month a year earlier. Of all the milk utilized for factory dairy products in April 1970, not more than 71 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 APRIL 1970

Creamery butter

Production. - Creamery butter production amounted to 28.4 million pounds in April 1970, a decrease of approximately 0.8 million pounds from production in the same month of the previous year.

Stocks. - Holdings of creamery butter in store on May 1, 1970, amounted to 69.1 million pounds, approximately 33.9 million pounds higher than at May 1 last year. On April 1, 1970, stock holdings at 66.2 million pounds were 33.8 million pounds more than at the same date a year earlier.

Supply. - Stocks of creamery butter on April 1, plus production and imports during the month, amounted to 94.5 million pounds of butter at April 30, 1970. This was an increase of approximately 32.9 million pounds compared to the corresponding supply figure at April 30, 1969.

Domestic disappearance. - The domestic disappearance of creamery butter in April amounted to 25.4 million pounds of butter, a decrease of 0.9 million pounds or 3.5 per cent less than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.20 pounds as compared with 1.25 pounds in April 1969.

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

Cheddar cheese

Production. - Cheddar cheese production in April amounted to approximately 13.3 million pounds, an increase of about 0.6 thousand pounds from production in the same month of the previous year.

Prices. - The Belleville price of Ontario coloured cheese averaged 46 1/4 cents per pound in April. The comparative price in 1969 was 45 1/2.

Ice Cream mix

The quantity of ice cream mix manufactured in April was approximately 2.4 million gallons or 42 thousand gallons more than that produced a year ago.

PRODUCTION AND PRICES OF DAIRY PRODUCTS IN APRIL 1970

TABLE 2. Milk Production and Utilization, by Province, April 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 | 15,219 | 11,364 | 47 | 1,460 | 929 | 1,419 |
| 1970 | 13,111 | 9,322 | 47 | 1,470 | 843 | 1,429 |
| N.S. 1969 | 28,552 | 9,788 | 210 | 1,710 | 879 | 15,965 |
| 1970 | 29,139 | 10,366 | 187 | 1,740 | 941 | 15,905 |
| N.B. 1969 | 23,898 | 9,944 | 258 | 1,450 | 974 | 11,272 |
| 1970 | 21,896 | 7,974 | 257 | 1,610 | 998 | 11,057 |
| Que. 1969 | 592,572 | 432,977 | 444 | 15,800 | 37,100 | 106,251 |
| 1970 | 582,678 | 418,586 | 515 | 15,600 | 39,600 | 108,377 |
| Ont. 1969 | 572,787 | 352,840 | 468 | 15,000 | 33,300 | 171,179 |
| 1970 | 559,803 | 339,662 | 445 | 14,100 | 32,000 | 173,596 |
| Man. 1969 | 75,058 | 42,317 | 468 | 6,280 | 6,430 | 19,563 |
| 1970 | 75,019 | 42,843 | 444 | 6,440 | 5,830 | 19,462 |
| Sask. 1969 | 69,120 | 32,959 | 1,568 | 12,400 | 6,670 | 15,523 |
| 1970 | 73,349 | 35,996 | 1,568 | 12,500 | 6,850 | 15,435 |
| Alta. 1969 | 125,946 | 72,987 | 1,661 | 10,600 | 11,500 | 29,198 |
| 1970 | 131,289 | 76,722 | 1,638 | 10,600 | 10,600 | 31,729 |
| B.C. 1969 | 76,066 | 28,237 | 210 | 1,730 | 2,660 | 43,229 |
| 1970 | 80,430 | 30,391 | 187 | 1,850 | 2,680 | 45,322 |
| Totals .. 1969 | 1,579,218 | 993,413 | 5,334 | 66,430 | 100,442 | 413,599 |
| 1970 | 1,566,714 | 972,862 | 5,288 | 65,910 | 100,342 | 422,312 |

TABLE 3. Milk Production and Utilization: Cumulative Data, by Province, January to April 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 | 45,545 | 31,568 | 188 | 5,680 | 2,350 | 5,759 |
| 1970 | 41,129 | 27,129 | 188 | 5,650 | 2,422 | 5,740 |
| N.S. 1969 | 105,628 | 30,123 | 796 | 6,890 | 2,966 | 64,853 |
| 1970 | 109,998 | 33,295 | 748 | 7,070 | 3,065 | 65,820 |
| N.B. 1969 | 79,624 | 25,212 | 984 | 5,890 | 2,656 | 44,882 |
| 1970 | 75,706 | 21,561 | 1,028 | 6,340 | 2,775 | 44,002 |
| Que. 1969 | 1,614,561 | 1,047,763 | 1,730 | 59,300 | 79,840 | 425,928 |
| 1970 | 1,671,886 | 1,080,880 | 2,060 | 61,100 | 80,950 | 446,896 |
| Ont. 1969 | 1,943,863 | 1,093,603 | 1,872 | 58,200 | 97,300 | 692,888 |
| 1970 | 1,942,322(1) | 1,086,589 | 1,780 | 55,500 | 95,800 | 702,653(1) |
| Man. 1969 | 253,472 | 127,684 | 1,825 | 24,120 | 21,220 | 78,623 |
| 1970 | 262,834 | 136,708 | 1,778 | 24,990 | 20,250 | 79,108 |
| Sask. 1969 | 233,100 | 97,186 | 6,085 | 45,900 | 20,440 | 63,489 |
| 1970 | 246,839 | 112,097 | 6,038 | 45,200 | 20,900 | 62,604 |
| Alta. 1969 | 438,340 | 238,093 | 6,434 | 39,180 | 35,840 | 118,793 |
| 1970 | 461,945 | 252,786 | 6,130 | 39,760 | 34,820 | 128,449 |
| B.C. 1969 | 292,786 | 106,178 | 771 | 6,600 | 8,880 | 170,357 |
| 1970 | 310,971 | 115,064 | 748 | 6,920 | 9,310 | 178,929 |
| Totals .. 1969 | 5,006,919 | 2,797,410 | 20,685 | 251,760 | 271,492 | 1,665,572 |
| 1970 | 5,123,630(1) | 2,866,109 | 20,498 | 252,530 | 270,292 | 1,714,201(1) |

(1) Includes a downward adjustment of 299,000 pounds of milk for the month of March in Ontario.

TABLE 4. Milk Equivalent of Factory Products and Fluid Sales, by Province, April 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 | 6,599 | 2,090 | 2,675 | 1,315 | 104 |
| 1970 | 6,318 | 1,441 | 1,563 | 1,329 | 100 |
| N.S. 1969 | 5,616 | 1,749 | 2,423 | 14,321 | 1,644 |
| 1970 | 5,733 | 1,540 | 3,093 | 14,364 | 1,541 |
| N.B. 1969 | 7,745 | 429 | 1,770 | 10,236 | 1,036 |
| 1970 | 5,920 | 385 | 1,669 | 10,053 | 1,004 |
| Que. 1969 | 327,623 | 64,581 | 40,773 | 89,707 | 16,544 |
| 1970 | 310,495 | 72,174 | 35,917 | 92,114 | 16,263 |
| Ont. 1969 | 206,365 | 97,988 | 48,487 | 146,724 | 24,455 |
| 1970 | 194,828 | 99,803 | 45,031 | 150,175 | 23,421 |
| Man. 1969 | 35,381 | 3,136 | 3,800 | 15,920 | 3,643 |
| 1970 | 34,398 | 5,050 | 3,395 | 16,007 | 3,455 |
| Sask. 1969 | 31,613 | — | 1,346 | 13,383 | 2,140 |
| 1970 | 35,732 | — | 1,264 | 13,386 | 2,049 |
| Alta. 1969 | 54,920 | 2,563 | 15,504 | 24,171 | 5,027 |
| 1970 | 59,553 | 3,157 | 14,012 | 26,411 | 5,318 |
| B.C. 1969 | 7,418 | 2,222 | 18,597 | 35,187 | 8,042 |
| 1970 | 11,396 | 2,310 | 16,685 | 37,255 | 8,067 |
| Totals ... 1969 | 683,280 | 174,758 | 135,375 | 350,964 | 62,635 |
| 1970 | 664,373 | 185,860 | 122,629 | 361,094 | 61,218 |

(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, April 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. | 48 | 11 | 12 | 71 | 11 | — | 11 | 7 |
| N.S. | 20 | 5 | 11 | 36 | 54 | 1 | 6 | 3 |
| N.B. | 27 | 2 | 7 | 36 | 51 | 1 | 7 | 5 |
| Que. | 53 | 13 | 6 | 72 | 18 | — | 3 | 7 |
| Ont. | 35 | 18 | 8 | 61 | 31 | — | 2 | 6 |
| Man. | 46 | 7 | 4 | 57 | 26 | 1 | 8 | 8 |
| Sask. | 49 | — | 1 | 50 | 21 | 2 | 17 | 10 |
| Alta. | 45 | 2 | 11 | 58 | 24 | 2 | 8 | 8 |
| B.C. | 14 | 3 | 21 | 38 | 57 | — | 2 | 3 |
| Canada .. | 42 | 12 | 8 | 62 | 27 | — | 4 | 7 |

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

| Province | April | | | January - April | | |
|-------------|----------|------|-----------|-----------------|------|-----------|
| | 1970 | 1969 | % of 1969 | 1970 | 1969 | % of 1969 |
| | '000 lb. | | % | '000 lb. | | % |
| P.E.I. | 2 | 2 | 100 | 8 | 8 | 100 |
| N.S. | 8 | 9 | 89 | 32 | 34 | 94 |
| N.B. | 11 | 11 | 100 | 44 | 42 | 105 |
| Que. | 22 | 19 | 116 | 88 | 74 | 119 |
| Ont. | 19 | 20 | 95 | 76 | 80 | 95 |
| Man. | 19 | 20 | 95 | 76 | 78 | 97 |
| Sask. | 67 | 67 | 100 | 258 | 260 | 99 |
| Alta. | 70 | 71 | 99 | 262 | 275 | 95 |
| B.C. | 8 | 9 | 89 | 32 | 33 | 97 |
| Totals .. | 226 | 228 | 99 | 876 | 884 | 99 |

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, March, April and May 1969 and 1970

| Province | March | | April | | May | |
|-------------|-------------|------|-------|------|------|------|
| | 1970 | 1969 | 1970 | 1969 | 1970 | 1969 |
| | percentages | | | | | |
| P.E.I. | 44.4 | 44.4 | 56.0 | 54.7 | 71.9 | 68.7 |
| N.S. | 65.1 | 66.1 | 69.0 | 70.1 | 72.2 | 72.8 |
| N.B. | 51.3 | 52.5 | 64.2 | 64.7 | 74.9 | 69.8 |
| Que. | 43.4 | 44.3 | 64.8 | 64.9 | 76.1 | 75.8 |
| Ont. | 62.8 | 62.6 | 69.7 | 70.0 | 74.0 | 73.5 |
| Man. | 58.1 | 58.4 | 65.1 | 63.7 | 69.3 | 70.4 |
| Sask. | 62.2 | 59.5 | 68.9 | 64.6 | 71.4 | 70.2 |
| Alta. | 62.7 | 62.0 | 70.2 | 66.6 | 73.8 | 73.6 |
| B.C. | 77.1 | 75.8 | 80.5 | 78.9 | 81.3 | 76.7 |
| Canada .. | 54.8 | 55.0 | 67.5 | 67.1 | 74.7 | 74.1 |

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

| Province | All cows | | | Cows milked | | |
|-------------|------------|----------|----------|-------------|----------|----------|
| | April 1970 | May 1970 | May 1969 | April 1970 | May 1970 | May 1969 |
| | pounds | | | | | |
| P.E.I. | 18.7 | 25.2 | 25.3 | 33.5 | 35.0 | 36.8 |
| N.S. | 20.9 | 21.9 | 21.3 | 30.3 | 30.3 | 29.2 |
| N.B. | 19.0 | 22.5 | 20.6 | 29.7 | 30.1 | 29.5 |
| Que. | 20.0 | 23.7 | 22.6 | 30.9 | 31.2 | 29.8 |
| Ont. | 24.3 | 26.9 | 26.4 | 34.9 | 36.3 | 35.9 |
| Man. | 21.9 | 22.2 | 23.2 | 33.7 | 32.0 | 33.0 |
| Sask. | 22.3 | 23.8 | 23.4 | 32.4 | 33.3 | 33.3 |
| Alta. | 25.3 | 28.1 | 26.7 | 36.0 | 38.0 | 36.2 |
| B.C. | 32.0 | 33.1 | 31.5 | 39.7 | 40.7 | 41.1 |
| Canada .. | 22.6 | 25.4 | 24.6 | 33.4 | 34.0 | 33.2 |

TABLE 8. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, by Province, April 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 | 162 | 63 | 82 | 3 | 70 | -- | 380 |
| 1970 | 151 | 45 | 53 | 6 | 77 | -- | 332 |
| N.S. 1969 | 128 | 51 | 89 | 79 | 921 | 1 | 1,269 |
| 1970 | 131 | 44 | 114 | 83 | 1,013 | 1 | 1,386 |
| N.B. 1969 | 176 | 11 | 59 | 37 | 606 | 2 | 891 |
| 1970 | 133 | 10 | 57 | 36 | 635 | 2 | 873 |
| Que. 1969 | 10,819 | 2,099 | 1,373 | 551 | 5,571 | 1 | 20,414 |
| 1970 | 10,087 | 2,317 | 1,217 | 532 | 5,720 | 1 | 19,874 |
| Ont. 1969 | 6,166 | 3,233 | 1,652 | 819 | 9,478 | 1 | 21,349 |
| 1970 | 6,052 | 3,423 | 1,559 | 848 | 9,656 | 1 | 21,539 |
| Man. 1969 | 786 | 99 | 118 | 106 | 903 | 1 | 2,013 |
| 1970 | 756 | 168 | 106 | 100 | 964 | -- | 2,094 |
| Sask. 1969 | 717 | — | 38 | 61 | 791 | 2 | 1,609 |
| 1970 | 811 | — | 36 | 58 | 784 | 2 | 1,691 |
| Alta. 1969 | 1,360 | 86 | 514 | 166 | 1,395 | 1 | 3,522 |
| 1970 | 1,501 | 111 | 468 | 177 | 1,532 | 1 | 3,790 |
| B.C. 1969 | 223 | 70 | 601 | 547 | 2,393 | 1 | 3,835 |
| 1970 | 342 | 72 | 537 | 570 | 2,630 | 1 | 4,152 |
| Totals .. 1969 | 20,537 | 5,712 | 4,526 | 2,369 | 22,128 | 10 | 55,282 |
| 1970 | 19,964 | 6,190 | 4,147 | 2,410 | 23,011 | 9 | 55,731 |

(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 April 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 | 433 | 151 | 273 | 12 | 284 | -- | 1,153 |
| 1970 | 424 | 100 | 201 | 23 | 311 | -- | 1,059 |
| N.S. 1969 | 375 | 157 | 311 | 303 | 3,755 | 4 | 4,905 |
| 1970 | 393 | 161 | 386 | 348 | 4,165 | 4 | 5,457 |
| N.B. 1969 | 410 | 30 | 198 | 146 | 2,419 | 8 | 3,211 |
| 1970 | 325 | 23 | 213 | 143 | 2,512 | 8 | 3,224 |
| Que. 1969 | 23,307 | 6,952 | 4,422 | 2,165 | 22,424 | 4 | 59,274 |
| 1970 | 23,343 | 8,077 | 3,790 | 2,165 | 23,586 | 4 | 60,965 |
| Ont. 1969 | 20,277 | 8,733 | 5,368 | 3,241 | 38,529 | 4 | 76,152 |
| 1970 | 19,933 | 9,996 | 4,987 | 3,265 | 39,251(2) | 4 | 77,436(2) |
| Man. 1969 | 2,373 | 286 | 379 | 421 | 3,649 | 2 | 7,110 |
| 1970 | 2,407 | 505 | 380 | 402 | 3,948 | -- | 7,642 |
| Sask. 1969 | 2,128 | -- | 94 | 239 | 3,322 | 7 | 5,790 |
| 1970 | 2,439 | -- | 133 | 234 | 3,288 | 6 | 6,100 |
| Alta. 1969 | 4,318 | 284 | 1,879 | 666 | 5,727 | 4 | 12,878 |
| 1970 | 4,737 | 387 | 1,839 | 712 | 6,242 | 4 | 13,921 |
| B.C. 1969 | 996 | 232 | 2,162 | 2,036 | 9,570 | 4 | 15,000 |
| 1970 | 1,249 | 297 | 2,109 | 2,189 | 10,498 | 4 | 16,346 |
| Totals .. 1969 | 54,617 | 16,825 | 15,086 | 9,229 | 89,679 | 37 | 185,473 |
| 1970 | 55,250 | 19,546 | 14,038 | 9,481 | 93,801(2) | 34 | 192,150(2) |

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

(2) Includes a downward adjustment of \$20,000 for the month of March in Ontario.

TABLE 10. Average Farm Values of Cream, Milk and Farm Butter, by Province, April 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 | 71.0 | — | 3.02 | 3.06 | 3.04 | 2.70 |
| 1970 | 69.0 | — | 3.13 | 3.40 | 3.26 | 2.67 |
| N.S. 1969 | 66.0 | — | 2.89 | 3.69 | 3.36 | 2.74 |
| 1970 | 66.0 | — | 2.86 | 3.69 | 3.41 | 2.79 |
| N.B. 1969 | 65.5 | — | 2.68 | 3.32 | 3.18 | 2.47 |
| 1970 | 65.0 | — | 2.60 | 3.40 | 3.26 | 2.51 |
| Que. 1969 | 66.5 | 100.5 | 3.25 | 3.37 | 3.43 | 3.30 |
| 1970 | 67.5 | 98.5 | 3.21 | 3.39 | 3.37 | 3.25 |
| Ont. 1969 | 62.6 | 93.4 | 3.30 | 3.41 | 3.28 | 3.13 |
| 1970 | 62.1 | 98.0* | 3.43* | 3.46* | 3.42 | 3.25 |
| Man. 1969 | 64.2 | — | 3.14 | 3.10 | 3.13 | 2.37 |
| 1970 | 63.4 | — | 3.32 | 3.12 | 3.24 | 2.40 |
| Sask. 1969 | 65.5 | — | — | 2.86 | 2.86 | 2.29 |
| 1970 | 65.6 | — | — | 2.81 | 2.81 | 2.29 |
| Alta. 1969 | 68.2 | 97.4 | 3.37 | 3.31 | 3.33 | 2.69 |
| 1970 | 69.4 | 99.1 | 3.51 | 3.34 | 3.39 | 2.71 |
| B.C. 1969 | — | 86.6(5) | 3.15(5) | 3.23(5) | 3.17 | 3.17 |
| 1970 | — | 86.6(5) | 3.14(5) | 3.22(5) | 3.13 | 3.13 |
| Canada ... 1969 | 65.7 | 97.7 | 3.27 | 3.34 | 3.35 | 3.10 |
| 1970 | 65.9 | 98.0 | 3.33 | 3.38 | 3.38 | 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, April 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 | 5.31 | 3.10 | 5.14 | 65 | 2.97 |
| 1970 | 5.82 | 5.82 | 5.82 | 61 | 3.09 |
| N.S. 1969 | 6.43 | 4.79 | 6.26 | 61 | 4.92 |
| 1970 | 7.05 | 5.39 | 6.89 | 59 | 5.27 |
| N.B. 1969 | 5.92 | 3.56 | 5.70 | 64 | 4.19 |
| 1970 | 6.32 | 3.56 | 6.07 | 64 | 4.57 |
| Que. 1969 | 6.21 | 3.33 | 5.76 | 66 | 3.79 |
| 1970 | 6.21 | 3.27 | 5.77 | 65 | 3.77 |
| Ont. 1969 | 6.46 | 3.35 | 6.02 | 62 | 4.07 |
| 1970 | 6.43 | 3.62 | 6.05 | 61 | 4.20 |
| Man. 1969 | 5.67 | 2.91 | 5.16 | 65 | 3.25 |
| 1970 | 6.02 | 2.90 | 5.47 | 64 | 3.36 |
| Sask. 1969 | 5.91 | 2.86 | 5.49 | 61 | 3.31 |
| 1970 | 5.86 | 2.81 | 5.46 | 61 | 3.22 |
| Alta. 1969 | 5.77 | 3.30 | 5.35 | 61 | 3.45 |
| 1970 | 5.80 | 3.33 | 5.39 | 60 | 3.49 |
| B.C. 1969 | 6.80(6) | 6.80(6) | 6.80(6) | 57 | 5.36 |
| 1970 | 7.06(6) | 7.06(6) | 7.06(6) | 61 | 5.48 |
| Canada 1969 | 6.30 | 3.78 | 5.92 | 62 | 3.93 |
| 1970 | 6.37 | 3.94 | 6.02 | 62 | 3.99 |

- (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 April, January to April, and January to December 1961 to 1970

| Year | April | | January to April | | January to December | |
|------------|----------|------------|------------------|------------|---------------------|------------|
| | Total | Per capita | Total | Per capita | Total | Per capita |
| | '000 lb. | lb. | '000 lb. | lb. | '000 lb. | lb. |
| 1961 | 20,810 | 1.14 | 86,888 | 4.76 | 288,309 | 15.81 |
| 1962 | 17,090 | 0.92 | 83,042 | 4.47 | 320,752 | 17.26 |
| 1963 | 28,751 | 1.52 | 107,871 | 5.69 | 351,342 | 18.53 |
| 1964 | 27,321 | 1.41 | 112,158 | 5.80 | 357,323 | 18.49 |
| 1965 | 29,717 | 1.51 | 113,128 | 5.74 | 356,201 | 18.10 |
| 1966 | 25,027 | 1.25 | 111,528 | 5.57 | 347,819 | 17.35 |
| 1967 | 24,513 | 1.20 | 106,236 | 5.20 | 336,982 | 16.49 |
| 1968 | 26,964 | 1.30 | 108,830 | 5.24 | 333,110 | 16.04 |
| 1969 | 26,371 | 1.25 | 106,354 | 5.04 | 322,307 | 15.28 |
| 1970 | 25,440 | 1.20 | 100,963 | 4.75 | - | - |

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

| Year | Stocks beginning | Production | Imports(1) | Exports(1) | Stocks end | Domestic disappearance | |
|--|------------------|------------|------------|------------|------------|------------------------|------------|
| | | | | | | April | Jan. -Apr. |
| '000 lb. | | | | | | | |
| Cheddar cheese | | | | | | | |
| 1966 | 58,049 | 13,162 | - | 4,430 | 54,530 | 12,251 | 37,136 |
| 1967 | 66,454 | 12,772 | - | 3,031 | 65,929 | 10,266 | 43,864 |
| 1968 | 71,093 | 13,152 | - | 620 | 69,884 | 13,741 | 43,762 |
| 1969 | 60,601 | 12,681 | - | 8,825 | 65,489 | (2) | 37,481 |
| 1970 | 70,921 | 13,329 | - | 1,646 | 61,571 | 21,033 | 54,037 |
| Process cheese | | | | | | | |
| 1966 | 5,987 | 5,474 | 90 | 30 | 5,661 | 5,860 | 27,031 |
| 1967 | 7,154 | 4,651 | 142 | 40 | 4,523 | 7,384 | 28,946 |
| 1968 | 8,924 | 4,670 | 328 | 27 | 8,371 | 5,524 | 27,484 |
| 1969 | 6,245 | 7,482 | 326 | 25 | 6,763 | 7,265 | 29,465 |
| 1970 | 6,166 | 7,043 | 383 | 71 | 6,601 | 6,920 | 29,166 |
| Other cheese (hard and soft varieties) | | | | | | | |
| 1969 | 5,094 | 3,233 | 2,811 | 52 | 5,487 | 5,599 | 20,747 |
| 1970 | 5,395 | 3,540 | 2,540 | 332 | 5,581 | 5,562 | 21,020 |

(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.

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

| Year | Stocks beginning | Production | Imports (1) | Exports (1) | Stocks end | Domestic disappearance | |
|--------------------------------|------------------|------------|-------------|-------------|------------|------------------------|-------------|
| | | | | | | April | Jan. - Apr. |
| '000 lb. | | | | | | | |
| Evaporated whole milk | | | | | | | |
| 1966 | 14,989 | 26,243 | — | 813 | 20,783 | 19,636 | 102,693 |
| 1967 | 23,128 | 24,359 | — | 760 | 13,510 | 33,217 | 107,491 |
| 1968 | 14,260 | 27,449 | — | 321 | 17,961 | 23,427 | 101,021 |
| 1969 | 15,955 | 26,034 | — | 579 | 13,528 | 27,882 | 105,599 |
| 1970 | 23,480 | 20,398 | — | 820 | 23,437 | 19,621 | 85,426 |
| Partly skimmed evaporated milk | | | | | | | |
| 1966 | 1,195 | 1,138 | — | — | 1,273 | 1,060 | 4,912 |
| 1967 | 982 | 1,206 | — | — | 894 | 1,294 | 4,693 |
| 1968 | 916 | 623 | — | — | 630 | 909 | 3,448 |
| 1969 | 579 | 1,109 | — | — | 795 | 893 | 3,207 |
| 1970 | 699 | 636 | — | — | 678 | 657 | 2,508 |
| Condensed whole milk | | | | | | | |
| 1966 | 959 | 1,959 | — | — | 1,067 | 1,851 | 7,296 |
| 1967 | 1,667 | 2,552 | — | — | 2,004 | 2,215 | 8,703 |
| 1968 | 1,491 | 2,646 | — | — | 1,286 | 2,851 | 8,752 |
| 1969 | 1,018 | 1,873 | — | — | 908 | 1,983 | 7,483 |
| 1970 | 1,829 | 1,558 | — | — | 1,849 | 1,538 | 5,494 |
| Whole milk powder | | | | | | | |
| 1966 | 1,587 | 885 | — | 1,345 | 1,920 | (2) | (2) |
| 1967 | 1,372 | 1,135 | — | 427 | 1,762 | 318 | 2,354 |
| 1968 | 502 | 407 | — | 29 | 581 | 299 | 1,130 |
| 1969 | 498 | 551 | — | — | 380 | 669 | 1,461 |
| 1970 | 484 | 171 | — | 2 | 439 | 214 | (3) |
| Skim milk powder | | | | | | | |
| 1966 | 18,104 | 22,215 | — | 377 | 27,329 | 12,613 | 38,214 |
| 1967 | 22,135 | 24,202 | — | 13,704 | 25,085 | 7,548 | 40,996 |
| 1968 | 130,861 | 29,580 | — | 3,179 | 140,666 | 16,596 | 45,314 |
| 1969 | 200,748 | 35,631 | — | 9,681 | 202,169 | 24,529 | 65,857 |
| 1970 | 97,555 | 27,404 | — | 20,419 | 85,591 | 18,949 | 7,475 |
| Casein | | | | | | | |
| 1966 | 2,258 | 1,624 | 6 | 832 | 2,525 | 531 | 1,469 |
| 1967 | 805 | 1,318 | 67 | 577 | 1,245 | 368 | 4,392 |
| 1968 | 2,434 | 795 | 353 | 65 | 2,649 | 868 | 807 |
| 1969 | 6,577 | 776 | 16 | 397 | 6,488 | 484 | 2,100 |
| 1970 | 6,268 | 803 | 539 | 1,014 | 5,948 | 648 | 2,774 |

(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.

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

| Province and year | Hard ice cream | | Soft ice cream | | Total ice cream | |
|-------------------|------------------|----------|----------------|----------|-----------------|----------|
| | May | Jan.-May | May | Jan.-May | May | Jan.-May |
| | thousand gallons | | | | | |
| P.E.I. 1969 | 27 | 118 | 4 | 6 | 31 | 124 |
| 1970 | 43 | 146 | 4 | 6 | 47 | 152 |
| N.S. 1969 | 197 | 797 | 28 | 73 | 225 | 870 |
| 1970 | 202 | 892 | 20 | 54 | 222 | 946 |
| N.B. 1969 | 132 | 551 | 13 | 21 | 145 | 572 |
| 1970 | 130 | 626 | 13 | 21 | 143 | 647 |
| Que. 1969 | 1,212 | 5,018 | 177 | 349 | 1,389 | 5,367 |
| 1970 | 1,414 | 5,343 | 117 | 265 | 1,531 | 5,608 |
| Ont. 1969 | 2,020 | 7,377 | 54 | 110 | 2,074 | 7,487 |
| 1970 | 2,106 | 7,541 | 49 | 103 | 2,155 | 7,644 |
| Man. 1969 | 290 | 1,126 | 44 | 110 | 334 | 1,236 |
| 1970 | 250 | 1,110 | 29 | 72 | 279 | 1,182 |
| Sask. 1969 | 245 | 909 | 46 | 115 | 291 | 1,024 |
| 1970 | 207 | 912 | 40 | 90 | 247 | 1,002 |
| Alta. 1969 | 437 | 1,849 | 131 | 327 | 568 | 2,176 |
| 1970 | 458 | 1,956 | 93 | 247 | 551 | 2,203 |
| B.C. 1969 | 556 | 2,142 | 119 | 295 | 675 | 2,437 |
| 1970 | 446 | 2,044 | 105 | 288 | 551 | 2,332 |
| Totals .. 1969 | 5,116 | 19,887 | 616 | 1,406 | 5,732 | 21,293 |
| 1970 | 5,256 | 20,570 | 470 | 1,146 | 5,726 | 21,716 |

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

| Year | Milkshake mix | | Sherbet | | Water ices | | Ice milk | |
|-----------|------------------|----------|---------|----------|------------|----------|----------|----------|
| | May | Jan.-May | May | Jan.-May | May | Jan.-May | May | Jan.-May |
| | thousand gallons | | | | | | | |
| 1969 | 112.8 | 372.8 | 80.2 | 304.2 | 476.1 | 1,219.5 | 130.9 | 512.4 |
| 1970 | 137.4 | 480.8 | 74.8 | 304.0 | 430.6 | 1,144.4 | 144.5 | 511.8 |

TABLE 16. Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, May 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 | 8,049 | 17.3 - 24.8 | 19.62 | 19.6 - 20.0 |
| Roller | 458 | 16.8 - 19.3 | 17.87 | 17.6 - 18.0 |
| Feed | 364 | 10.3 - 17.8 | 15.16 | 15.1 - 15.5 |
| Ontario: | | | | |
| Spray | 6,848 | 16.8 - 23.8 | 20.04 | 19.6 - 20.0 |
| Roller | 549 | 17.8 - 19.8 | 19.37 | 19.6 - 20.0 |
| Feed | 133 | 10.3 - 18.3 | 16.41 | 16.6 - 17.0 |

(1) At time of publication reports had not been received from 4 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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