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## The dairy review



MARCH 1973

- Statistics Canada Statistique Canada


# STATISTICS CANADA <br> Agriculture Division <br> Livestock and Animal Products Section 

# THE DAIRY REVIEW 

## MARCH 1973

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THE DAIRY REVIEW - LA REVUE LAITIERE
Whole Milk Equivalent of Dairy Factory Products,
Canada, by Months 1972 and 1973

Million Pounds Millions de livres 1,700
1,600 $1,600-$
$1,500-$
$1,500-$

Équivalent en lait entier des produits des fabriques laitières, Canada, par mois en 1972 et 1973

March - Mars
1973
Million Pounds Millions de livres

$=$| 1,700 |
| :--- |
| 1,600 |
| 1,500 |
| 1,300 |



The preliminary estimate of milk produced in March is $1,263,000,000$ pounds, which is $3.4 \%$ below production in the corresponding month last year. This would make the total estimate of production during the first three months of the year $3,424,000,000$ pounds or $3.5 \%$ below production in the JanuaryMarch period a year ago.

Siightly over $53 \%$ of the milk produced in March, or $672,000,000$ pounds, was used for dairy factory products. This is $8.4 \%$ below factory utilization in March 1972. Creamery butter production during the month accounted for $345,000,000$ pounds of milk, $17.6 \%$ less than in March a year ago, while milk used in the manufacture of concentrated whole milk products declined $7.4 \%$. Approximately 6.5 and $5.1 \%$ more milk was used for factory cheese and ice cream mix, respectively, than in March 1972. During the January-March period, $8.6 \%$ 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, March and January to March 1972 and 1973

| Product | March |  |  | January - March |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1972 | 1973 | Percentage change | 1972 | 1973 | Percentage change |
|  | '000 lb. |  | \% | ${ }^{\prime} 000 \mathrm{lb}$. |  | \% |
| Creamery butter | 419,211 | 345,478 | - 17.6 | 1,075,044 | 899,168(1) | $-16.4$ |
| Factory cheese | 193,238 | 205,864 | + 6.5 | 555,901 | 556,996(1) | + 0.2 |
| Concentrated whole milk products .. | 55,448 | 51,325 | $-7.4$ | 136,619 | 138,254 | + 1.2 |
| Ice cream mix .... | 66,037 | 69,422 | + 5.1 | 167,677 | 175,038 | + 4.4 |
| Totals | 733,934 | 672,089 | $-8.4$ | 1,935,241 | 1,769,456(1) | - 8.6 |

(1) Data include a downward adjustment of $8,729,000$ pounds of milk utilized for creamery butter and an upward adjustment of $15,026,000$ pounds of mllk for cheddar cheese for the month of February.

Fluid sales of milk and cream during March, for purposes of the advance preliminary estimate, are calculated at $480,000,000$ pounds, an increase of $3.5 \%$ from the sales in March 1972. This assumes the same relationship to year-earlier estimates as for the December-February period.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was $2.4 \%$ below that used in March 1972, while milk used for livestock feeding increased $3.6 \%$ from that of a year ago. Reports from farm dairy correspondents participating in the survey indicate $0.8 \%$ fewer cows kept on farms at March 15 and $3.1 \%$ less cows being milked than at the same date last year. Milk production per cow, for cows milked on farms in the sample, increased $0.9 \%$ from the level at March 15, 1972.

## FARM MLLK PRODUCTION, UTILIZATION AND CASH RECEIPTS IN FEBRUARY 197

 a decrease of 69 million pounds or 6.2 per cent below that of February 1972. Of this amount, 525 milioa puands or 50 per cent was utilized in factory production, and approximately 435 million pounds or 42 per cent was used for fluid sales. During the January-February period, the estimated production was 2,162 million pounds, a decrease of 80 million pounds from the corresponding period last year. The quantity of milk utilized for factory production in the January-February period amounted to 1,097 million pounds while fluid sales accounted for 892 million pounds.

Fluid Sales. - Sales of fluid milk and cream, the latter expressed as milk, amounted to 435 million pounds in February, a decrease of approximately 1 million pounds from February of last year. This included about 374 million pounds of fluid milk, comprising about 36 per cent of the farm milk supply, and fluid cream ales of 61 million pounds representing about 6 per cent. During the two month period, fluid sales totalled 892 million pounds, an increase of 21 milion pounds or 2.4 per cent over those of the corresponding period a year earlier.

Farm Butter. - Butter made on farms in February amounted to 164,000 pounds, decreasing 15 per cent from the corresponding month in 1972. For the January-February period, 329,000 pounds were produced, a decrease of 14 per cent from the same period last year.

Farm Cash Receipts. - Cash receipts from the sale of dairy products in February amounted to $\$ 49,372,000$. This represented a decrease of 2.6 per cent or $\$ 1,328,000$ from the corresponding month last year. The weighted average value of $\$ 5.21$ per hundred pounds of milk was 26 cents higher than in February 1972 . Fluid milk at $\$ 7.11$ per hundred was 34 cents higher than in February 1972. Cream for butter at 68.5 cents per pound butterfat was 0.4 cents 1 ower than $1 n$ February 1972 , and farm butter at 66 cents per pound was 3 cents higher than in february 1972 . Milk used in the manufacture of all dairy products averaged $\$ 4.21$ per hundred, 3 cents higher than in February 1972 . Cheese milk at $\$ 4.23$ per hundred, was the same as in the corresponding month a year earlier. Of all the milk utilized for factory dairy producta in February 1973 , not more than 69 per cent was eligible for federal government subsidy.

Estimates of farm cash recelpts 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 indirectiy 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.

Basic Rates of Subsidy Payments, Holdbacks and Levies for Manufacturing Milk and Cream (Basis 3.5 per cent butterfat) Dairy Years 1971-72 and 1972-73

| Dairy year | ```Basic subsidy rate (all prov- inces)``` |  | Basic holdback rate(1) |  |  |  | Basic Levy rate(2) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Subsidy quota |  | Excess of Subsidy quota |  | Market quota |  | Excess of Market quota |  |
|  | Milk | Cream | M11k | Cream | Milk | Cream | Milk | Cream | Milk | Cream |
|  | \$ per cwt. | 4 per <br> lb, b.f. | $\$$ per cwt. | $\begin{aligned} & \text { e per } \\ & \text { 1b. b.f. } \end{aligned}$ | $\$$ per cwt. | $\begin{aligned} & \text { per } \\ & \text { 1b. b.f. } \end{aligned}$ | \$ per cwt. | e per <br> 1b. b.f. | \$ per cwt. | $\begin{aligned} & \text { t per } \\ & \text { lb. b.f. } \end{aligned}$ |
| April 1 to March 31 |  |  |  |  |  |  |  |  |  |  |
| Apr. 1/71 - May 31/71 .......... | 1.25 | 35.71 | . 26 | - | 1.25 | 8 | . 26 | - | 2.40 | 50.28 |
| June 1/71 - Mar. 31/72 ........ | 1.25 | 35.71 | .20 .10 | - | 1.05 | 5 | .20 .10 | - | 2.05 | 30.00 |
| Apr. 1/72-Max. 31/73 | 1.25 | 35.71 | . 10 | - | 1.05 | 5 | . 10 | - | 2.05 | 30.00 |

(1) Applies to N.S., N.B. and B.C
(2) Applies to P.E.I., Que., Ont., Man., Sask. and Alta., who have entered a market sharing quota arrangement with the federal government. Instead of holdback deductions the provincial authorities arranged to levy payments from producers at rates set by the Canadian Dairy Comission.

## Creamery butter

Production. - Creamery butter production amounted to 10.6 million pounds in February 1973, a decrease of approximately 3.6 million pounds from production in the same month of the previous year.

Stocks. - Holdings of creamery butter in store on March 1, 1973, amounted to 21.6 million pounds, approximately 10.9 million pounds less than at March 1 last year. On February 1, 1973, stock holdings at 31.4 million pounds were 13.4 million pounds less than at the same date a year earlier.

Supply. - Stocks of creamery butter on February l, plus production and imports during the month, amounted to 50.6 million pounds of butter at February 28, 1973. This was a decrease of approximately 10.1 million pounds compared to the corresponding supply figure at February 29, 1972.

Domestic disappearance. - The domestic disappearance of creamery butter in February amounted to 29.0 million pounds of butter, an increase of 888 thousand pounds or 3.2 per cent more than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.32 pounds, as compared with 1.28 pounds in February 1972.

Prices at Montreal. - Butter prices at Montreal, based on dealers quotations for first grade solids, averaged 68 cents per pound in February, the same as in February 1972.

## Cheddar cheese

Production. - Cheddar cheese production in February amounted to approximately 12.1 million monds, an increase of about 398 thousand pounds from production in the same month of the previous year.

Pices. - The Belleville price of Ontario coloured cheese averaged $631 / 4$ cents per pound in Tebruary. The comparative price in 1972 was 64 1/4.

## Ice cream mix

The quantity of ice cream mix manufactured in February was approximately 1.8 million gallons or 17 thousand gallons less than that produced a year ago.

## Yogurt

Yogurt production in the first quarter of 1973 amounted to approximately 778,000 gallons, 13 per cent more than the corresponding figure for the same quarter last year. Regional production for the first quarter of 1973 was as follows: Quebec 484,000 gallons; Ontario 157,000 gallons; and the remainder of Canada 137,000 gallons.

TABLE 2. Cottage Cheese: Production in the First Quarter 1973 Compared with 1972

| Province | January to March |  |  |
| :---: | :---: | :---: | :---: |
|  | 1973 | 1972 | 1972 |
|  | '000 lb. | ' 000 lb 。 | \% |
| Maritime Provinces | 387 | 311 | 124 |
| Quebec | 1,182 | 1,126 | 105 |
| Ontario | 5,902 | 5,492 | 107 |
| Manitoba | 691 | 653 | 106 |
| Saskatchewan | 323 | 529 | 61 |
| Alberta | 1,261 | 1,418 | 89 |
| British Columbia | 2,424 | 2,215 | 109 |
| Totals | 12,170 | 11,744 | 104 |

[^0]TABLE 3. Milk Production and Utilization, by Province, February 1972 and 1973

| Province and year | ```Total milk production``` | Utilization |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Factory products | Farm butter | F axtn-home consumed | Fed to livestock | Fluid sales |
|  | thousand pounds |  |  |  |  |  |
| $\text { P.E.I. .... } \begin{aligned} & 1972 \\ & 1973 \end{aligned}$ | $\begin{aligned} & 8,173 \\ & 7,074 \end{aligned}$ | $\begin{aligned} & 5,429 \\ & 4,174 \end{aligned}$ | 47 23 | $\begin{aligned} & 679 \\ & 625 \end{aligned}$ | $\begin{aligned} & 403 \\ & 531 \end{aligned}$ | $\begin{aligned} & 1,615 \\ & 1,721 \end{aligned}$ |
| $\text { N.S. . . .... } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 26,349 \\ & 25,014 \end{aligned}$ | $\begin{aligned} & 7,919 \\ & 6,910 \end{aligned}$ | $\begin{aligned} & 140 \\ & 117 \end{aligned}$ | $\begin{aligned} & 673 \\ & 625 \end{aligned}$ | $\begin{aligned} & 653 \\ & 560 \end{aligned}$ | $\begin{aligned} & 16,964 \\ & 16,802 \end{aligned}$ |
| N.B. . . . . . 1972 | $\begin{aligned} & 15,450 \\ & 14,814 \end{aligned}$ | $\begin{aligned} & 3,530 \\ & 2,698 \end{aligned}$ | $\begin{aligned} & 211 \\ & 164 \end{aligned}$ | $\begin{aligned} & 568 \\ & 512 \end{aligned}$ | $\begin{aligned} & 432 \\ & 416 \end{aligned}$ | $\begin{aligned} & 10,709 \\ & 11,024 \end{aligned}$ |
| Que. ....... 1972 | $\begin{aligned} & 336,746 \\ & 299,293 \end{aligned}$ | $\begin{aligned} & 207,004 \\ & 171,297 \end{aligned}$ | $\begin{aligned} & 468 \\ & 374 \end{aligned}$ | $\begin{aligned} & 6,800 \\ & 6,214 \end{aligned}$ | $\begin{aligned} & 8,280 \\ & 8,325 \end{aligned}$ | $\begin{aligned} & 114,194 \\ & 113,083 \end{aligned}$ |
| Ont. ....... $\begin{aligned} & 1972 \\ & 1973\end{aligned}$ | $\begin{aligned} & 439,909 \\ & 420,608 \end{aligned}$ | $\begin{aligned} & 237,515 \\ & 214,817 \end{aligned}$ | $\begin{aligned} & 421 \\ & 328 \end{aligned}$ | $\begin{aligned} & 7,319 \\ & 7,498 \end{aligned}$ | $\begin{aligned} & 18,600 \\ & 22,600 \end{aligned}$ | $\begin{aligned} & 176,054 \\ & 175,365 \end{aligned}$ |
| Man. ....... 1972 | $\begin{aligned} & 57,544 \\ & 58,993 \end{aligned}$ | $\begin{aligned} & 29,826 \\ & 30.073 \end{aligned}$ | $\begin{aligned} & 328 \\ & 281 \end{aligned}$ | $\begin{aligned} & 3,337 \\ & 2,959 \end{aligned}$ | $\begin{aligned} & 4,000 \\ & 4,200 \end{aligned}$ | $\begin{aligned} & 20,053 \\ & 21,480 \end{aligned}$ |
| Sask. ..... 1972 | $\begin{aligned} & 50,044 \\ & 46,355 \end{aligned}$ | $\begin{aligned} & 21,834 \\ & 18,619 \end{aligned}$ | $\begin{aligned} & 1,427 \\ & 1.287 \end{aligned}$ | $\begin{aligned} & 6,119 \\ & 5,967 \end{aligned}$ | $\begin{aligned} & 4,580 \\ & 5,008 \end{aligned}$ | $\begin{aligned} & 16,084 \\ & 15,474 \end{aligned}$ |
| Alta. ..... 1972 | $\begin{array}{r} 102,703 \\ 97,234 \end{array}$ | $\begin{aligned} & 54,251 \\ & 49,183 \end{aligned}$ | $\begin{aligned} & 1,334 \\ & 1,170 \end{aligned}$ | $\begin{aligned} & 5,886 \\ & 5,863 \end{aligned}$ | $\begin{aligned} & 7,670 \\ & 8,000 \end{aligned}$ | $\begin{aligned} & 33,562 \\ & 33,018 \end{aligned}$ |
| $\text { B.C. ...... } \begin{aligned} & 1972 \\ & 1973 \end{aligned}$ | $\begin{aligned} & 78,988 \\ & 77,737 \end{aligned}$ | $\begin{aligned} & 28,093 \\ & 26,810 \end{aligned}$ | $\begin{array}{r} 117 \\ 94 \end{array}$ | $\begin{aligned} & 1,318 \\ & 1,184 \end{aligned}$ | $\begin{aligned} & 1,930 \\ & 2,200 \end{aligned}$ | $\begin{aligned} & 47,530 \\ & 47,449 \end{aligned}$ |
| $\text { Totals .. } 1972$ | $\begin{aligned} & 1,115,906 \\ & 1,047,122 \end{aligned}$ | $\begin{aligned} & 595,401 \\ & 524,581 \end{aligned}$ | $\begin{aligned} & 4,493 \\ & 3,838 \end{aligned}$ | $\begin{aligned} & 32,699 \\ & 31,447 \end{aligned}$ | $\begin{aligned} & 46,548 \\ & 51,840 \end{aligned}$ | $\begin{aligned} & 436,765 \\ & 435,416 \end{aligned}$ |

TABIE 4. Milk Production and Utilization: Cumulative Data, by Province, January and February 1972 and 1973

| Province and year | $\begin{gathered} \text { Total } \\ \text { milk } \\ \text { production } \end{gathered}$ | Utilization |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Factory products | Farm butter | Farm-home consumed | Fed to livestock | Fluid sales |
|  | thousand pounds |  |  |  |  |  |
| P.E.I. .... 1972 | $\begin{aligned} & 17,550 \\ & 16,121 \end{aligned}$ | $\begin{aligned} & 11,956 \\ & 10,198 \end{aligned}$ | $\begin{aligned} & 93 \\ & 46 \end{aligned}$ | $\begin{aligned} & 1,431 \\ & 1,377 \end{aligned}$ | $\begin{aligned} & 739 \\ & 946 \end{aligned}$ | $\begin{aligned} & 3,331 \\ & 3,554 \end{aligned}$ |
| $\text { N.S. ...... } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 52,789 \\ & 51,632 \end{aligned}$ | $\begin{aligned} & 16,003 \\ & 14,965 \end{aligned}$ | $\begin{aligned} & 281 \\ & 234 \end{aligned}$ | $\begin{aligned} & 1,393 \\ & 1,345 \end{aligned}$ | $\begin{aligned} & 1,348 \\ & 1,224 \end{aligned}$ | $\begin{aligned} & 33,764 \\ & 33,864 \end{aligned}$ |
| $\text { N.B. ....... } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 31,754 \\ & 31,211 \end{aligned}$ | $\begin{aligned} & 7,702 \\ & 6,348 \end{aligned}$ | $\begin{aligned} & 422 \\ & 328 \end{aligned}$ | $\begin{aligned} & 1,202 \\ & 1,085 \end{aligned}$ | $\begin{aligned} & 851 \\ & 781 \end{aligned}$ | $\begin{aligned} & 21,577 \\ & 22,669 \end{aligned}$ |
| Qua. ....... $\begin{array}{r}1972 \\ 1973\end{array}$ | $\begin{aligned} & 683,033 \\ & 624,222 \end{aligned}$ | $\begin{aligned} & 426,029 \\ & 364,879 \end{aligned}$ | $\begin{aligned} & 936 \\ & 748 \end{aligned}$ | $\begin{aligned} & 14,459 \\ & 13,743 \end{aligned}$ | $\begin{aligned} & 16,400 \\ & 15,465 \end{aligned}$ | $\begin{aligned} & 225,209 \\ & 229,387 \end{aligned}$ |
| $\text { Ont. . . . . . . } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 882,644 \\ & 863,890(1) \end{aligned}$ | $\begin{aligned} & 476,778 \\ & 445,727 \end{aligned}$ | $\begin{aligned} & 842 \\ & 656 \end{aligned}$ | $\begin{aligned} & 14,817 \\ & 15,213 \end{aligned}$ | $\begin{aligned} & 37,800 \\ & 42.600 \end{aligned}$ | $\begin{aligned} & 352,407 \\ & 359,694(1) \end{aligned}$ |
| Man. ....... 1972 | $\begin{aligned} & 112,124 \\ & 118,221 \end{aligned}$ | $\begin{aligned} & 56,271 \\ & 59,660 \end{aligned}$ | $\begin{aligned} & 656 \\ & 562 \end{aligned}$ | $\begin{aligned} & 7,014 \\ & 5,980 \end{aligned}$ | $\begin{aligned} & 8,000 \\ & 7,877 \end{aligned}$ | $\begin{aligned} & 40,183 \\ & 44,142 \end{aligned}$ |
| $\text { Sask. ..... } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 97,403 \\ & 93,345 \end{aligned}$ | $\begin{aligned} & 41,118 \\ & 36,696 \end{aligned}$ | $\begin{aligned} & 2,854 \\ & 2,574 \end{aligned}$ | $\begin{aligned} & 12,660 \\ & 12,508 \end{aligned}$ | $\begin{aligned} & 8,820 \\ & 9,508 \end{aligned}$ | $\begin{aligned} & 31,951 \\ & 32,059 \end{aligned}$ |
| Alta. ..... 1972 | $\begin{aligned} & 205,368 \\ & 200,658 \end{aligned}$ | $\begin{aligned} & 108,223 \\ & 102,192 \end{aligned}$ | $\begin{aligned} & 2,668 \\ & 2,363 \end{aligned}$ | $\begin{aligned} & 12,311 \\ & 12,288 \end{aligned}$ | $\begin{aligned} & 15,260 \\ & 16,000 \end{aligned}$ | $\begin{aligned} & 66,906 \\ & 67,815 \end{aligned}$ |
| $\text { B.C. . ...... } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 159,225 \\ & 162,384 \end{aligned}$ | $\begin{aligned} & 57,227 \\ & 56,702 \end{aligned}$ | $\begin{aligned} & 234 \\ & 188 \end{aligned}$ | $\begin{aligned} & 2,694 \\ & 2,609 \end{aligned}$ | $\begin{aligned} & 4,070 \\ & 4,500 \end{aligned}$ | $\begin{aligned} & 95,000 \\ & 98,385 \end{aligned}$ |
| $\text { Totals . . } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 2,241,890 \\ & 2,161,684(1) \end{aligned}$ | $\begin{aligned} & 1,201,307 \\ & 1,097,367 \end{aligned}$ | $\begin{aligned} & 8,986 \\ & 7,699 \end{aligned}$ | $\begin{aligned} & 67,981 \\ & 66,148 \end{aligned}$ | $\begin{aligned} & 93,288 \\ & 98,901 \end{aligned}$ | $\begin{aligned} & 870,328 \\ & 891,569(1) \end{aligned}$ |

(1) Data includes an upward revision of 10,000 pounds of milk utilized for fluid cream sales for the month of January.

TABLE 5. Milk Equivalent of Factory Products and Fluid Salas, by Province, February 1972 and 1973

| Province and year | Creamery butter | Cheese(1) | Concentrated whole milk products and ice cream $\operatorname{mix}(2)$ | Fluid milk | Fluid cream |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | thou | and pounds of |  |  |
| P.E.I. . . . . 1972 | $\begin{aligned} & 2,668 \\ & 1,966 \end{aligned}$ | $\begin{array}{r} 880 \\ 1,001 \end{array}$ | $\begin{aligned} & 1,881 \\ & 1,207 \end{aligned}$ | $\begin{aligned} & 1,536 \\ & 1,639 \end{aligned}$ | $\begin{aligned} & 79 \\ & 82 \end{aligned}$ |
| N.S. . . . . . . 1972 | $\begin{aligned} & 3,838 \\ & 2,083 \end{aligned}$ | $\begin{aligned} & 1,397 \\ & 2,288 \end{aligned}$ | $\begin{aligned} & 2,684 \\ & 2,539 \end{aligned}$ | $\begin{aligned} & 15,316 \\ & 15,226 \end{aligned}$ | $\begin{aligned} & 1,648 \\ & 1,576 \end{aligned}$ |
| $\begin{array}{r} \text { N.B. . . . . . . . } \\ 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 1,966 \\ & 1,591 \end{aligned}$ | $\begin{aligned} & 132 \\ & 143 \end{aligned}$ | $\begin{array}{r} 1,432 \\ 964 \end{array}$ | $\begin{array}{r} 9,872 \\ 10,195 \end{array}$ | $\begin{aligned} & 837 \\ & 829 \end{aligned}$ |
| Que. ......... 1972 | $\begin{aligned} & 98,514 \\ & 53,328 \end{aligned}$ | $\begin{aligned} & 82,575 \\ & 91,839 \end{aligned}$ | $\begin{aligned} & 25,915 \\ & 26,130 \end{aligned}$ | $\begin{aligned} & 97,211 \\ & 96,087 \end{aligned}$ | $\begin{aligned} & 16,983 \\ & 16,996 \end{aligned}$ |
| $\text { Ont. . ....... } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 135,720 \\ & 113,911 \end{aligned}$ | $\begin{aligned} & 70,983 \\ & 70,356 \end{aligned}$ | $\begin{aligned} & 30,812 \\ & 30,550 \end{aligned}$ | $\begin{aligned} & 152,688 \\ & 152,119 \end{aligned}$ | $\begin{aligned} & 23,366 \\ & 23,246 \end{aligned}$ |
| Man. . . . . . . 1972 | $\begin{aligned} & 19,516 \\ & 17,480 \end{aligned}$ | $\begin{aligned} & 7,957 \\ & 9,925 \end{aligned}$ | $\begin{aligned} & 2,353 \\ & 2,668 \end{aligned}$ | $\begin{aligned} & 16,739 \\ & 17,879 \end{aligned}$ | $\begin{aligned} & 3,314 \\ & 3,601 \end{aligned}$ |
| Sask. ....... 1972 | $\begin{aligned} & 20,920 \\ & 16,614 \end{aligned}$ | 385 | $\begin{array}{r} 914 \\ 1,620 \end{array}$ | $\begin{aligned} & 14,061 \\ & 13,642 \end{aligned}$ | $\begin{aligned} & 2,023 \\ & 1,832 \end{aligned}$ |
| Alta. ....... 1972 | $\begin{aligned} & 36,644 \\ & 31,730 \end{aligned}$ | $\begin{aligned} & 3,058 \\ & 3,718 \end{aligned}$ | $\begin{aligned} & 14,549 \\ & 13,735 \end{aligned}$ | $\begin{aligned} & 28,320 \\ & 27,869 \end{aligned}$ | $\begin{aligned} & 5,242 \\ & 5,149 \end{aligned}$ |
| $\text { B.C. . . . . . . } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{array}{r} 11,981 \\ 8,658 \end{array}$ | $\begin{aligned} & 2,915 \\ & 2,343 \end{aligned}$ | $\begin{aligned} & 13,197 \\ & 15,809 \end{aligned}$ | $\begin{aligned} & 39,697 \\ & 39,592 \end{aligned}$ | $\begin{aligned} & 7,833 \\ & 7,857 \end{aligned}$ |
| $\text { Totals ... } 1972$ | $\begin{aligned} & 331,767 \\ & 247,361 \end{aligned}$ | $\begin{aligned} & 169,897 \\ & 181,998 \end{aligned}$ | $\begin{aligned} & 93,737 \\ & 95,222 \end{aligned}$ | $\begin{aligned} & 375,440 \\ & 374,248 \end{aligned}$ | $\begin{aligned} & 61,325 \\ & 61,168 \end{aligned}$ |

(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, February 1973

| Province | Used in manufacture |  |  |  | Used for fluid sales | Used on farms |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Creamery butter | Cheese | Conc. milk and ice cream mix | Total |  | For <br> farm <br> butter | In <br> f arm <br> homes | ```Pail fed to animals``` |
| P.E.I. | 28 | 14 | 17 | 59 | 24 | - | 9 | 8 |
| N. S. | 9 | 9 | 10 | 28 | 67 | - | 3 | 2 |
| N. B. | 11 | 1 | 6 | 18 | 74 | 1 | 4 | 3 |
| Que. | 18 | 30 | 9 | 57 | 38 | - | 2 | 3 |
| Ont. | 27 | 17 | 7 | 51 | 42 | - | 2 | 5 |
| Man. | 30 | 17 | 4 | 51 | 36 | 1 | 5 | 7 |
| Sask. | 36 | 1 | 3 | 40 | 33 | 3 | 13 | 11 |
| Alta. . | 33 | 4 | 14 | 51 | 34 | 1 | 6 | 8 |
| B.C..... | 11 | 3 | 20 | 34 | 61 | - | 2 | 3 |
| Canada . | 24 | 17 | 9 | 50 | 42 | - | 3 | 5 |

TABLE 7. Butter Made on Farms, by Province, February and Cumulative January and February 1972 and 1973


TABLE 8. Production Trends as Indicated by Reports in the Form Surves, Conducted as of the 15th of each Month
A. Cows Milked: Percentage of Total Milk Cows, Dy Piovincta

January, February and March 1972 and 1973

| Province | January |  | February |  | March |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1973 | 1972 | 1973 | 1972 | 1973 | 1972 |
|  | percentages |  |  |  |  |  |
| P.E.I. | 58.8 | 62.1 | 51.5 | 52.8 | 47.1 | 50.1 |
| N.S. . . . | 69.7 | 70.0 | 68.2 | 69.3 | 66.6 | 69.3 |
| N. B. | 53.6 | 51.2 | 46.4 | 44.9 | 51.8 | 51.7 |
| Que. | 42.4 | 43.7 | 36.5 | 37.1 | 40.4 | 42.8 |
| ont. | 63.4 | 64.9 | 62.1 | 62.3 | 62.7 | 62.9 |
| Man. ..... | 54.0 | 54.1 | 55.9 | 54.7 | 60.5 | 60.7 |
| Sask. .... | 53.5 | 56.0 | 55.2 | 55.8 | 60.9 | 59.1 |
| Alta. | 60.5 | 60.5 | 61.7 | 61.1 | 62.4 | 63.2 |
| B.C. ..... | 74.7 | 73.9 | 75.4 | 74.1 | 74.1 | 76.1 |
| Canada | 54.0 | 55.1 | 51.2 | 51.3 | 53.4 | 54.6 |

b. Mik Production Por Cow: Daily Averages
by Province
February 1973 and March 1972 and 1973

| Province | All cows |  |  | Cows milked |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { February } \\ 1973 \end{gathered}$ | $\begin{aligned} & \text { March } \\ & 1973 \end{aligned}$ | $\begin{aligned} & \text { March } \\ & 1972 \end{aligned}$ | February 1973 | $\begin{aligned} & \text { March } \\ & 1973 \end{aligned}$ | $\begin{aligned} & \text { March } \\ & 1972 \end{aligned}$ |
|  | pounds |  |  |  |  |  |
| P.E.I. | 14.2 | 14.5 | 16.1 | 28.2 | 30.5 | 32.1 |
| N.S. | 19.4 | 20.4 | 20.3 | 28.5 | 30.6 | 29.3 |
| N. B. | 12.7 | 15.2 | 15.6 | 27.4 | 29.3 | 30.3 |
| Que. | 9.8 | 11.3 | 12.2 | 26.7 | 28.0 | 28.6 |
| Ont. . . . . . | 21.2 | 22.2 | 21.9 | 34.2 | 35.4 | 34.9 |
| Man. | 17.5 | 20.3 | 19.8 | 32.0 | 33.5 | 32.7 |
| Sask. . | 18.5 | 21.6 | 20.1 | 33.4 | 35.5 | 34.1 |
| Alta. .... | 21.1 | 22.7 | 21.9 | 34.1 | 36.4 | 34.7 |
| B.C. . . . . . | 29.0 | 30.6 | 29.5 | 39.0 | 41.3 | 38.8 |
| Canada . . | 16.2 | 17.7 | 18.2 | 31.8 | 33.1 | 32.8 |

TABIF 9. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, b. Province, February 1972 and 1973(1)

| Province <br> and year | Creamery <br> butter-fat | Cheese <br> milk | Milk for ice <br> ream mix and <br> concentration | Fluid <br> cream | Fluid <br> milk | Farm <br> butter | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

(1) See paragraph 5, page 4, re farm cash receipts.
(2) Represents the market price less levies collected under provincial authority. Levies on milk in excess of quota are subject to rebate. Levies by category of milk are not available, therefore farm cash receipts are not additive.

TABLE 10. Farm Cash Receipts from the Sale of Milk, Cream and Farm Butter, Cumulative Data, by Province, January and February 1972 and 1973(1)

(1) See paragraph 5, page 4, re farm cash receipts.
(2) See footnote 2 on page 11.

TABLE 11. Average Farm Values of Cream, Milk and Farm Butter, by Province, February 1972 and 1973(1)

| Province and year | Cream for butter | Milk for butter | $\begin{aligned} & \text { Mi1k } \\ & \text { for } \\ & \text { cheese (2) } \end{aligned}$ | Milk for ice cream mix and concentration | Average for manufacturing milk(3) | Average <br> for all <br> manufac- <br> turing <br> uses (4) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { per } 1 \mathrm{~b} \text {. } \\ \text { b.f. } \\ \text { \& } \end{gathered}$ | per 1b. b. f . $\notin$ | per cwt. | per cwt. | per cwt. | per cwt. |
| $\begin{array}{rr} \text { P.E.I. (5) .. } & 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 73.0 \\ & 73.5 \end{aligned}$ | - |  | $\begin{aligned} & 4.11 \\ & 4.21 \end{aligned}$ | $\begin{aligned} & 4.06 \\ & 4.26 \end{aligned}$ | $\begin{aligned} & 3.30 \\ & 3.45 \end{aligned}$ |
| $\begin{array}{r} \text { N.S. . . . . . . . } \\ \\ 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 68.0 \\ & 68.0 \end{aligned}$ | - |  | $\begin{aligned} & 4.10 \\ & 4.11 \end{aligned}$ | $\begin{aligned} & 4.09 \\ & 4.12 \end{aligned}$ | $\begin{aligned} & 3.25 \\ & 3.59 \end{aligned}$ |
| $\begin{array}{r} \text { N. B. . . . . . . } \\ 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 68.0 \\ & 68.0 \end{aligned}$ | - | $\begin{aligned} & 3.78 \\ & 3.97 \end{aligned}$ | $\begin{aligned} & 4.02 \\ & 4.02 \end{aligned}$ | $\begin{aligned} & 4.03 \\ & 4.07 \end{aligned}$ | $\begin{aligned} & 3.09 \\ & 3.04 \end{aligned}$ |
| $\text { Que. (5) … } \begin{array}{r} 1972 \\ 1973 \end{array}$ | $\begin{aligned} & 70.2 \\ & 70.0 \end{aligned}$ | $\begin{aligned} & 130.2 \\ & 127.0 \end{aligned}$ | $\begin{aligned} & 4.34 \\ & 4.21 \end{aligned}$ | $\begin{aligned} & 4.07 \\ & 4.25 \end{aligned}$ | $\begin{aligned} & 4.38 \\ & 4.27 \end{aligned}$ | $\begin{aligned} & 4.32 \\ & 4.23 \end{aligned}$ |
| $\begin{array}{lll} \text { Ont. (5) } & 1972 \\ & 1973 \end{array}$ | $\begin{aligned} & 66.5 \\ & 66.4 \end{aligned}$ | $\begin{aligned} & 118.2 * \\ & 122.0 * \end{aligned}$ | $\begin{aligned} & 4.14 * \\ & 4.27 * \end{aligned}$ | $\begin{aligned} & 4.11 * \\ & 4.24 * \end{aligned}$ | $\begin{aligned} & 4.11 \\ & 4.24 \end{aligned}$ | $\begin{aligned} & 3.93 \\ & 4.07 \end{aligned}$ |
| $\begin{array}{rrr} \text { Man. (5) } & 1972 \\ & 1973 \end{array}$ | $\begin{aligned} & 66.4 \\ & 65.1 \end{aligned}$ | - | $\begin{aligned} & 4.25 \\ & 4.17 \end{aligned}$ | $\begin{aligned} & 3.33 \\ & 4.08 \end{aligned}$ | $\begin{aligned} & 4.03 \\ & 4.15 \end{aligned}$ | $\begin{aligned} & 2.90 \\ & 3.05 \end{aligned}$ |
| $\text { Sask. (5) … } \begin{aligned} & 1972 \\ & \\ & 1973 \end{aligned}$ | $\begin{aligned} & 67.9 \\ & 67.1 \end{aligned}$ | - | $3 . \overline{80}$ | $\begin{aligned} & 2.89 \\ & 2.86 \end{aligned}$ | $\begin{aligned} & 2.89 \\ & 3.04 \end{aligned}$ | $\begin{aligned} & 2.37 \\ & 2.40 \end{aligned}$ |
| Alta.(5) ... 1972 | $\begin{aligned} & 72.9 \\ & 72.9 \end{aligned}$ | $\begin{aligned} & 113.1 \\ & 118.0 \end{aligned}$ | $\begin{aligned} & 4.30 \\ & 4.51 \end{aligned}$ | $\begin{aligned} & 3.90 \\ & 4.15 \end{aligned}$ | $\begin{aligned} & 3.95 \\ & 4.19 \end{aligned}$ | $\begin{aligned} & 3.18 \\ & 3.33 \end{aligned}$ |
| $\text { B.C. ........ } \begin{array}{r} 1972 \\ 1973 \end{array}$ | - | $\begin{array}{r} 97.4(6) \\ 104.4(6) \\ \hline \end{array}$ | $\begin{aligned} & 3.62(6) \\ & 3.73(6) \end{aligned}$ | $\begin{aligned} & 3.71(6) \\ & 3.83(6) \end{aligned}$ | $\begin{aligned} & 3.56 \\ & 3.75 \\ & \hline \end{aligned}$ | $\begin{array}{r} 3.56 \\ 3.75 \\ \hline \end{array}$ |
| Canada(5) $\begin{aligned} & 1972 \\ & \\ & 1973\end{aligned}$ | $\begin{aligned} & 68.9 \\ & 68.5 \end{aligned}$ | $121.8$ | $\begin{aligned} & 4.23 \\ & 4.23 \end{aligned}$ | $\begin{aligned} & 3.98 \\ & 4.13 \end{aligned}$ | $\begin{aligned} & 4.18 \\ & 4.21 \end{aligned}$ | $\begin{aligned} & 3.85 \\ & 3.90 \end{aligned}$ |

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

TABLE 11. Average Farm Values of Cream, Milk and Farm buttec, by Doviace, February 1972 and $1973(1)$ - Concludea

(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) Where applicable, 1972 and 1973 values are not adjusted for Levies collected under provincial authority. (6) Based on Class III qualifying milk. (7) Based on Class 1 qualifying milk.

TABLE 12. Creamery Butter: Domestic Disappearance for February, January and February, January to December 1964 to 1973

| Year | February |  | January - February |  | January - December |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Per capita | Total | Per capita | Total | Per capita |
|  | '000 1b. | 1 b . | ${ }^{\prime} 000 \mathrm{lb}$. | 1 b . | ${ }^{\prime} 000 \mathrm{lb}$. | 1 b . |
| 1964 | 28,456 | 1.47 | 55,146 | 2.85 | 357,323 | 18.49 |
| 1965 | 26,730 | 1.36 | 51,993 | 2.64 | 356,201 | 18.10 |
| 1966 | 29,581 | 1.48 | 55,908 | 2.79 | 347,819 | 17.35 |
| 1967 | 26,861 | 1.31 | 52,986 | 2.59 | 336,982 | 16.49 |
| 1968 . | 28,327 | 1.36 | 56,278 | 2.71 | 333,110 | 16.04 |
| 1969 | 25,006 | 1.19 | 52,175 | 2.48 | 322,607 | 15.30 |
| 1970 | 24,498 | 1.15 | 47,953 | 2.25 | 327,873 | 15.32 |
| 1971 | 28,519 | 1.32 | 50,082 | 2.32 | 328,623 | 15.22 |
| 1972 | 28,070 | 1.28 | 50,238 | 2.30 | 316,832 | 14.50 |
| 1973(1) | 28,958 | 1.31 | 51,574 | 2.34 | - | - |

(1) Subject to revision

TABLE 13. Cheese, Supply and Disposition, Canada, February and Cumulative January and February 1969 to 1973

| Year | Stocks beginning | Production | Imports(1) | Exports(1) | Stocks end | Domestic disappearance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | T000 1b. <br> eddar chees |  | February | an. - Feb. |
| 1969 | 81,066 | 5,815 | - | 2,103 | 76,503 | 8,275 | 14,964 |
| 1970 | 79,287 | 8,178 | - | 162 | 76,530 | 10,773 | 18,455 |
| 1971 | 56,445 | 8,904 | - | 1,332 | 53,953 | 10,064 | 21,863 |
| 1972 | 63,029 | 11,698 | - | 828 | 64,356 | 9,543 | 22,225 |
| 1973 | 65,304 | 12,096 | - | 1,082 | 66,218 | 10,100 | 23,880 |
|  | Process cheese |  |  |  |  |  |  |
| 1969 | 6,237 | 6,725 | 113 | 31 | 6,468 |  |  |
| 1970 | 6,284 | 7,201 | 278 | 1,793 | 6,468 | 6,512 | 13,516 12,341 |
| 1971 | 8,784 | 8,009 | 487 | 191 | 8,642 | 8,447 | 14,628 |
| 1972 | 12,212 | 7,557 | 431 | 25 | 10,721 | 9,454 | 16,361 |
| 1973 | 10,031 | 10,190 | (2) | 13 | 10,965 | 9,243 | 17,225(3) |
|  | 0 ther cheese (hard and soft varieties) |  |  |  |  |  |  |
| 1972 | 12,580 | 3,770 | 2,632 | 166 | 10,582 | 8,234 | 12,773 |
| 1973 ... | 11,387 | 4,475 | (2) | 153 | 10,852 | 4,857 | 13,283(3) |

(1) Data for 1973 are preliminary and subject to revision.
(2) Not yet available.
(3) January disappearance revised to include imports.

TABLE 14. Principal Concentrated Milk Products, Suply sat misposicion, Canada, February and Cumulative January and February 196810810

(1) Data for 1973 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 15. Ice Cream: Production of Hard and Soft Types, by Province, March and Cumulative January to March 1972 and 1973

| Province and year | Hard ice cream |  | Soft ice cream |  | Total ice cream |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | March | Jan. - Mar. | March | Jan. - Mar. | March | Jan. - Mar. |
|  | thousand gallons |  |  |  |  |  |
| P.E.I. .... 1972 | (1) <br> (1) | (1) (1) | $\begin{aligned} & (1) \\ & (1) \end{aligned}$ | (1) <br> (1) | (1) (1) | (1) (1) |
| N.S. . . . . $\begin{array}{r}1972 \\ 1973\end{array}$ | 185 188 | $\begin{aligned} & 498 \\ & 484 \end{aligned}$ | 11 16 | 22 27 | 196 | $\begin{aligned} & 520 \\ & 511 \end{aligned}$ |
| N.B. ...... 1972 | 148 | 383 | 1 | 1 | 149 | 384 |
| 1973 | 141 | 394 | 1 | 1 | 142 | 395 |
| Que. ...... 1972 | 1,226 | 3,054 | 17 | 39 | 1,243 | 3,093 |
| 1973 | 1,249 | 3,082 | 29 | 55 | 1,278 | 3,137 |
| Ont. ...... 1972 | 1,508 | 3,936 | 14 | 33 | 1,522 | 3,969 |
| 1973 | 1,530 | 3,697 | 12 | 21 | 1,542 | 3,718 |
| Man. ...... 1972 | 229 | 624 | 15 | 26 | 244 | 650 |
| 1973 | 272 | 694 | 11 | 22 | 283 | 716 |
| Sask. ..... 1972 | 181 | 445 | 22 | 33 | 203 | 478 |
| 1973 | 216 | 514 | 24 | 38 | 240 | 552 |
| Alta. ..... 1972 | 476 | 1,223 | 56 | 104 | 532 | 1,327 |
| 1973 | 480 | 1,240 | 67 | 137 | 547 | 1,377 |
| B.C. . . . . 1972 | 495 | 1,175 | 79 | 147 | 574 | 1,322 |
| 1973 | 399 | 1,288 | 64 | 127 | 463 | 1,415 |
| Totals .. 1972 | 4,448 | 11,338 | 215 | 405 | 4,663 | 11,743 |
| 1973 | 4,475 | 11,393 | 224 | 428 | 4,699 | 11,821 |

(1) Excluded to avoid disclosure of individual plant operations.

TABLE 16. Production of Other Products in Ice Cream Industry, Canada, March and Cumulative January to March 1972 and 1973

| Year | Milkshake mix |  | Sherbet |  | Water ices |  | Ice milk |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | March | Jan. - Mar. | March | Jan. Mar. | March | Jan. Mar. | March | Jan. Mar. |
|  | thousand gallons Mar. |  |  |  |  |  |  |  |
| 1972. | 107.3 | 244.7 | 58.9 | 153.4 | 172.3 | 304.4 | 205.9 | 427.8 |
| 1973. | 121.0 | 278.8 | 61.2 | 157.5 | 218.1 | 365.1 | 231.1 | 512.1 |

TABLE 17. Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, March 1973(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)``` | Bulk of Sales |  |
|  |  |  |  | $\begin{aligned} & \text { Price } \\ & \text { range(3) } \end{aligned}$ | Volume as a per cent of total reported |
|  | '000 1b. | \$ per 1b. | \$ per 1b. | \$ per 1b. | \% |
| Spray ........ | 2,656 | 22.3-35.8 | 28.89 | 28.6-29.0 | 43 |
| Roller | 690 | 22.3-29.8 | 26.04 | 25.1-25.5 | 58 |
| Feed ........ | 378 | 22.3-27.0 | 25.89 | 25.6-26.0 | 42 |
| Ontario: |  |  |  |  |  |
| Spray ........ | 3,412 | 27.3-36.8 | 30.10 | 30.1-30.5 | 43 |
| Roller ...... | - | - | - | - | - |
| Feed ......... | 68 | 21.8-26.3 | 24.38 | 25.1-25.5 | 47 |

(1) At time of publication reports had not been received from 6 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) The price range of bulk of sales is the price interval in which the largest volume of sales occurred as compared to all other price intervals.

Livestock and Animal Products Section, Agricuiture Division



[^0]:    Note: The data include both creamed and uncreamed cottage cheese.

