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MONTHLY

# THE DAIRY REVIEW 



December, 1963
5503-504

Preliminary Indications of the Dairy Situation, November, 1963

The preliminary estimate of milk produced in November is $1,316,000,000$ pounds. This is about the same as production in the corresponding month last year and would make the total estimate of production for the first eleven months of the year $18,061,000,000$ pounds, practically unchanged from last year.

About 51 per cent of the milk produced in November, or $674,000,000$ pounds was used for factory products. This represented a silight increase over factory utilization in November, 1962. Greamery butter production during the month used $473,000,000$ pounds of milk, 4.2 per cent less than in November, 1962, while milk used in the manufacture of cheese, concentrated whole milk products and ice cream mix increased $14.1,7.2$ and 11.8 per cent, respectively, over that of a year ago. During the January - November period, silghtly less railk was used for dairy factory products than in the corresponding period in 1962.

TABLE 1. - Preliminary Estimates of Milk Equivalent of Dairy Factory Products, November and January to November, 1962 and 1963

| Product | November |  |  | January - November |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1962 | 1963 | Percentage Change | 1962 | 1963 | Percentage Change |
|  | '000 lb. | 1000 lb 。 | \% | , 000 lb . | 8000 lb . | \% |
| Creamery Butter | 493,319 | 472,844 | $(-) 4.2$ | 8,062,588 | 7,783,262 | (-) 3.5 |
| Factory Cheese | 102,028 | 116,391 | (+) 14.1 | 1,333,505 | 1,572,687 | $(+) 17.9$ |
| Concentrated Whole Milk Products | 52,305 | 56,089 | $(+) 7.2$ | 880,904 | 924,073 | $(+) 4.9$ |
| Ice Gream Mix | 25,973 | 29,034 | (+) 11.8 | 520,717 | 465,882 | (-) 10.5 |
| Totals | 673,625 | 674,358 | ( + ) 0.1 | 10,797,714 | 10,745,904 | (-) 0.5 |

Fluid sales of milk and cream in November, for the purpose of the preliminary estimate, are calculated at $513,800,000$ pounds. This is an increase of 3.0 per cent over fluid sales in November, 1962, and assumes the same relationship to year-earlier estimates as for the month of October.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 1.0 per cent above that used in November, 1962, while milk used for livestock feeding dropped 21.4 per cent from that of a year ago. Farm dairy correspondents participating in the survey, report fewer milk cows kept on farms at November 15, and less cows being milked than at the same date last year. Milk production per cow, for cows milked on farms in the sample, increased 3.2 per cent above the level at November 15, 1962. It should be noted that these sample indications are not necessarily representative of production onditions on all farms produoing milk.

It should be noted here that the 1962 comparative data used and published throughout this report with respect to milk production, utilization and income, are unrevised and exactly as published during the year.

Farm Milk Production, Utilization and Income in October, 1963

Farm Milk Production: The estimated quantity of milk produced on farms in October amounted to 1,636 million pounds, a decrease of 9 million pounde or 0.6 per cent below that of October, 1962. Of this amount, 979 million pounds or 60 per cent was utilized in factory production and approximately 522 million pounds or 32 per cent was used for fluid sales. During the January - October period, the estimated production was 16,745 million pounds, a decrease of 16 million pounds below that produced in the same period of the previous year. The quantity of milk utilized for factory production in the January - October period amounted to 10,072 million pounds while fluid sales accounted for 5,045 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 522 million pounds in October, an increase of approximately 15 million pounds in comparison with October of the previous year. This included about 439 million pounds of fluid milk, conprising about 27 per cent of the farm milk supply, and fluid cream sales of 83 million pounds representing 5 per cent. During the ten month period, fluid sales totalled 5,046 million pounds, an increase of 111 million pounds or 2.2 per cent over those of the corresponding 1962 period.

Farm Butter: Butter made on farms in October amounted to 399,000 pounds, decreasing 24 per cent from the corresponding month in 1962. For the January October period, 4,249,000 pounds were produced, a decrease of 26 per cent from the same period last year.

Farm Cash Income: Cash income from the sale of dairy products in October amounted to $\$ 48,086,000$. This represented an increase of 1.6 per cent or $\$ 736,000$ in comparison with the same month last year. The weighted average value of $\$ 3.20$ per hundred pounds of milk was 4 cents higher than in October, 1962. Fluid milk at $\$ 4.84$ per hundred was 4 cents higher than in October, 1962. Greamery butter-fat decreased from 68.5 cents to 67.7 cents per pound, and farm butter at 56 cents per pound was 2 cents lower than in October, 1962. Milk used in manufacture averaged $\$ 2.83$ per hundred, 7 cents higher than in October, 1962. Cheese milk increased to $\$ 2.91$ per hundred, an increase of 6 cents per hundred in comparison with the same month a year earlier.

Farm cash income estimates cover all money received by farmers for the sale of milk, cream and farm butter. Government subsidies and bonuses are included in these estimates.

Production and Prices of Dairy Productis in Ootober, 1963

Creamery Butter

Productions Creamery butter production amounted to 29.7 million pounds in October, 1963, a decrease of approximately 2.8 million pounds as compared to production in the same month of the previous year.

Stockss Combined holdings of creamery butter and butter oil (in butter equivalent) in store and transit on November 1, 1963, amounted to 264.8 million pounds, approximately 4.3 million pounds higner than at November 1 last year. On October 1, 1963, stock holdings at 268.8 million pounds were 10.6 million pounds greater than at the same date a year earlier.

Supplys The combined quantity of creamery butter and butter ofl represented by stocks on October 1, plus production and imports during the month, amounted to 298.5 million pounds of butter at October 31, 1963. This was an increase of approximately 7.8 million pounds compared to the corresponding supply figure at October 31, 1962.

Domestic Disappearancez The combined domestic disappearance of creamery butter and butter oil in October amounted to 28.1 million pounds of butter, a decrease of 2.1 milion pounds or 6.9 per cent less than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.50 pounds as compared with 1.63 pounds in October, 1962.

Prices at Montreal: Butter prices at Montreal, based on dealers! quotations for first grade solids, averaged $503 / 4$ cents per pound in October, the same as in October, 1962.

Cheddar Cheese

Production: Cheddar cheese production in October amounted to approximately 14.4 million pounds, an increase of 3.5 million pounds as compared to production in the same month of the previous year.

Pricess The Belleville price of Ontario coloured cheese averaged $383 / 8$ cents per pound in October. The comparative price in 1962 was $373 / 4$ cents.

Ice Cream Mix

The quantity of ice cream mix manufactured in October was approximately 1.5 million gallons or 219 thousand gallons more than that nroduced a year ago.

TABLE 2. - Milk Production and Utilization, by Province, October, 1962 and 1963

| Province and | Year | Total | Utilization |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | M土Ik <br> Production | Factory Products | Farm Butter | Farm-Home Consumed | Fed to Livestock | Fluid Sales |
|  |  | thousand pounds |  |  |  |  |  |
| P.E.I. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 20,711 19,822 I/ | 15,940 25,143 I/ | 117 70 | 1,960 2,070 | 433 210 | $\begin{aligned} & 2,261 \\ & \mathbf{2 , 3 2 9} \end{aligned}$ |
| NoS。 | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 32,991 29.140 | 9,966 7,225 | 562 445 | 3,660 3,310 | 1,740 1,220 | $\begin{aligned} & 17,063 \\ & 16,940 \end{aligned}$ |
| N.B. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 35,868 \\ & 34,273 \end{aligned}$ | 16,175 15,723 | 1,146 702 | 3,570 3,460 | 1,300 832 | $\begin{aligned} & 13,677 \\ & 13,556 \end{aligned}$ |
| Que. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 614,075 609,123 | 425,696 416,871 | 2,036 1,591 | 23,900 24,500 | $\begin{aligned} & 9,450 \\ & 8,820 \end{aligned}$ | $\begin{aligned} & 152,993 \\ & 157,341 \end{aligned}$ |
| Ont. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 555,468 \\ & 549,000 \end{aligned}$ | 328,415 323,643 | 398 | 18,000 18,600 | 20,100 11,900 | $\begin{aligned} & 188,555 \\ & 194,576 \end{aligned}$ |
| Man. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 85,231 85,200 | 45,324 44,176 | $\begin{array}{r}1,544 \\ \hline 959\end{array}$ | 7,330 7,240 | 2,790 3,350 | $\begin{aligned} & 28,243 \\ & 29,475 \end{aligned}$ |
| Sask. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 97,450 98,959 | 45,722 46,612 | 3,463 2,387 | 13,400 14,200 | $\begin{aligned} & 5,330 \\ & 4,940 \end{aligned}$ | $\begin{aligned} & 29,535 \\ & 30,820 \end{aligned}$ |
| Alta. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 121, $606 \mathrm{l} /$ | $69,560 \mathrm{l} /$ $76,422 \mathrm{l} /$ | 2,714 2,668 | 11,700 12,500 | $\begin{aligned} & 4,380 \\ & 3,280 \end{aligned}$ | $\begin{aligned} & 33,252 \\ & 33,917 \end{aligned}$ |
| B.C. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 73,190 \\ & 71,563 \end{aligned}$ | $\begin{aligned} & 26,761 \\ & 23,013 \end{aligned}$ | $\begin{aligned} & 328 \\ & 234 \end{aligned}$ | 2,380 2,200 | 2,230 2,880 | $\begin{aligned} & 41,491 \\ & 43,236 \end{aligned}$ |
| Totals | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 1,645,708 \\ & 1,636,461 \end{aligned}$ | 992,677 979,422 | 12,308 9,337 | $\begin{aligned} & 85,900 \\ & 88,080 \end{aligned}$ | $\begin{aligned} & 47,753 \\ & 37,432 \end{aligned}$ | $\begin{aligned} & 507,070 \\ & 522,190 \end{aligned}$ |

1) The milk equivalent of concentrated whole milk products is excluded to avold disclosing individual company operations. It is included in totals.

WBLE 3. - Milk Production and Utilization: Cwalative Dats, by Province, Jamary to October, 1962 and 1963

| Province and Year |  | Total <br> Milk <br> Production | Utilization |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Factory Products | Farsa Butter | Farm-Home Consumed | Fed to Livestock | Fluid Sales |
|  |  |  | thousand pounds |  |  |  |  |  |
| PoE.I. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 188,239 171,828 $1 / 1 /$ | $\begin{aligned} & 135,166 \\ & 122,320 \\ & \frac{1}{2} / 4 \end{aligned}$ | $\begin{array}{r} 1,592 \\ 585 \end{array}$ | $\begin{aligned} & 18,770 \\ & 18,870 \end{aligned}$ | $\begin{aligned} & 9,689 \\ & 6,696 \end{aligned}$ | $\begin{aligned} & 23,022 \\ & 23,357 \end{aligned}$ |
| N.S. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 340,723 308,256 | 111,429 87,784 | 7,277 4,377 | 35,760 32,840 | 19,740 13,654 | $\begin{aligned} & 166,517 \\ & 169,601 \end{aligned}$ |
| $\mathrm{N}, \mathrm{B}$ 。 | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 384,096 352,968 | 176,044 155,664 | 13,736 8,119 | 32,850 32,910 | 22,530 15,221 | $\begin{aligned} & 138,936 \\ & 141,054 \end{aligned}$ |
| Que. | $\begin{array}{r} 7962 \\ 1 \times 3 \end{array}$ | 5,804, 241 $5,809,777$ | $3,847,358$ $3,816,816$ | $\begin{aligned} & 16,052 \\ & 12,5,4 \end{aligned}$ | $\begin{array}{r} 231,400 \\ 237,100 \end{array}$ | $\begin{aligned} & 229,180 \\ & 226,240 \end{aligned}$ | $\begin{aligned} & 1,480,251 \\ & 1,517,077 \end{aligned}$ |
| Ont. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 5,687,187 \\ & 5,821,215 \end{aligned}$ | $\begin{aligned} & 3,423,850 \\ & 3,524,369 \end{aligned}$ | $\begin{aligned} & 5,828 \\ & 3,614 \end{aligned}$ | $\begin{aligned} & 1777,000 \\ & 182,300 \end{aligned}$ | $\begin{aligned} & 228,600 \\ & 218,000 \end{aligned}$ | $\begin{aligned} & 1,851,909 \\ & 1,892,942 \end{aligned}$ |
| Man. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 991,3761 / \\ & 967,123 \end{aligned}$ | $\begin{aligned} & 580,266 \mathrm{I} / \\ & 563,859 \end{aligned}$ | $\begin{aligned} & 16,613 \\ & 20,359 \end{aligned}$ | $\begin{aligned} & 71,320 \\ & 72,220 \end{aligned}$ | $\begin{aligned} & 56,140 \\ & 48,240 \end{aligned}$ | $\begin{aligned} & 267,037 \\ & 272,415 \end{aligned}$ |
| Sask. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $1,122,080$ $1,102,110$ | 594,709 580,711 | $\begin{aligned} & 36,199 \\ & 28,922 \end{aligned}$ | $\begin{aligned} & 139,000 \\ & 134,500 \end{aligned}$ | $\begin{aligned} & 67,630 \\ & 68,520 \end{aligned}$ | $\begin{aligned} & 284,542 \\ & 289,457 \end{aligned}$ |
| Alta. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 1,384,657 \frac{1}{1} / \\ & 1,356,242 \end{aligned}$ | $\begin{aligned} & 862,967 \\ & 833,780 \end{aligned}$ | $\begin{aligned} & 32,596 \\ & 28,104 \end{aligned}$ | $\begin{aligned} & 117,300 \\ & 118,050 \end{aligned}$ | $\begin{aligned} & 54,910 \\ & 52,090 \end{aligned}$ | $\begin{aligned} & 316,884 \\ & 324,218 \end{aligned}$ |
| B.C. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 769,866 \\ & 735,628 \end{aligned}$ | $\begin{aligned} & 304,041 \\ & 266,542 \end{aligned}$ | $\begin{aligned} & 5,288 \\ & 2,783 \end{aligned}$ | $\begin{aligned} & 26,520 \\ & 22,770 \end{aligned}$ | $\begin{aligned} & 27,980 \\ & 27,970 \end{aligned}$ | $\begin{aligned} & 406,037 \\ & 415,563 \end{aligned}$ |
| Totals | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 16,760,724 \\ & 16,744,848 \end{aligned}$ | $\begin{aligned} & 10,124,089 \\ & 10,071,546 \end{aligned}$ | $\begin{array}{r} 135,181 \\ 99,427 \end{array}$ | $\begin{aligned} & 849,920 \\ & 851,560 \end{aligned}$ | $\begin{aligned} & 716,399 \\ & 676,631 \end{aligned}$ | $\begin{aligned} & 4,935,135 \\ & 5,045,684 \end{aligned}$ |

1/ The milk equivalent of concentrated whole milk products is exciuded to avoid disclosing individual company operations. It is incluced in totals.

TABLE 4．－Milk Equivalent of Factory Products and Fluid Sales，by Province， October， 1962 and 1963

| Province and | Year | Greamery Butter | Cheese | Concentrated Milk | Ice Cream Mix | Fluid <br> Milk | Fluid <br> Cr eam |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | thousand pounds of mflk |  |  |  |  |  |
| P．E．I． | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 14,485 \\ & 13,525 \end{aligned}$ | $\begin{aligned} & 1,364 \\ & 1,518 \end{aligned}$ | $\frac{1}{1 /}$ | 91 100 | 2,044 2,105 | 217 |
| NoS． | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 7,816 \\ & 6,178 \end{aligned}$ | － | 692 | 1,458 1,047 | 15,503 15,193 | $\begin{aligned} & 1,560 \\ & 1,747 \end{aligned}$ |
| N。B。 | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 14,648 14,110 | 462 572 | － | 1,065 1,042 | 12,094 11,973 | $\begin{aligned} & 1,583 \\ & 1,583 \end{aligned}$ |
| Que． | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 347,770 308,786 | 52,338 80,397 | 16,049 17,415 | 9,539 10,273 | 128,813 132,677 | $\begin{aligned} & 24,180 \\ & 24,664 \end{aligned}$ |
| Ont． | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 197,004 \\ & 183,222 \end{aligned}$ | 77,386 88,527 | 42,131 37,064 | 11,894 14,830 | 158,133 164,458 | $\begin{aligned} & 30,422 \\ & 30,118 \end{aligned}$ |
| Man。 | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 42,845 \\ & 41,699 \end{aligned}$ | 649 759 | － | 1,830 1,718 | 22,218 23,329 | 6,025 6,146 |
| Sask． | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 45,373 \\ & 46,192 \end{aligned}$ | － | － | 349 420 | $\begin{aligned} & 24,748 \\ & 25,985 \end{aligned}$ | $\begin{aligned} & 4,787 \\ & 4,835 \end{aligned}$ |
| Alta． | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 66,807 \\ & 72,961 \end{aligned}$ | $\begin{aligned} & 1,826 \\ & 1,749 \end{aligned}$ | $\frac{1}{1 / 1}$ | 927 1.712 | $\begin{aligned} & 28,043 \\ & 28,604 \end{aligned}$ | $\begin{aligned} & 5,209 \\ & 5,313 \end{aligned}$ |
| B．C． | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{array}{r} 18,416 \\ 8,050 \end{array}$ | $\begin{aligned} & 550 \\ & 836 \end{aligned}$ | 5,051 10,644 | 2,744 3,483 | $\begin{aligned} & 32,967 \\ & 34,286 \end{aligned}$ | $\begin{aligned} & 8,524 \\ & 8,950 \end{aligned}$ |
| Totals | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 755,164 \\ & 694,723 \end{aligned}$ | $\begin{aligned} & 134,575 \\ & 174,358 \end{aligned}$ | $\begin{aligned} & 73,041 \\ & 75,717 \end{aligned}$ | $\begin{aligned} & 29,897 \\ & 34,624 \end{aligned}$ | $\begin{aligned} & 424,563 \\ & 438,610 \end{aligned}$ | $\begin{aligned} & 82,507 \\ & 83,580 \end{aligned}$ |

1）Excluded to avoid disclosing individual company operations but included in the total．

TABLE 5. - Milk Utilizations In Factories, in Dairies and on Farms, as Percentage of Production, by Province, October, 1963

| 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> Buttor | in Farm Homes | Pail <br> Fed to <br> Animals |
| $\begin{aligned} & \text { PoE.I. } \\ & \text { NoS. } \\ & \text { N.B. } \\ & \text { Que. } \\ & \text { Ont. } \\ & \text { Man. } \\ & \text { Sask. } \\ & \text { Alta. } \\ & \text { BoC. } \end{aligned}$ | $\begin{aligned} & 60 \\ & 21 \\ & 41 \\ & 51 \\ & 33 \\ & 49 \\ & 47 \\ & 54 \\ & 11 \end{aligned}$ | $\begin{array}{r} 7 \\ 2 \\ 13 \\ 16 \\ 1 \\ \hline 1 \\ 1 \end{array}$ | $\begin{array}{r} 12 \\ 4 \\ 3 \\ 5 \\ 10 \\ 2 \\ \hline 7 \\ 7 \end{array}$ | 7 79 25 46 69 59 52 47 62 32 | $\begin{aligned} & 11 \\ & 58 \\ & 40 \\ & 26 \\ & 36 \\ & 35 \\ & 31 \\ & 25 \\ & 61 \end{aligned}$ | 2 <br> 2 <br> - <br> 1 <br> 3 <br> 2 | $\begin{array}{r} 9 \\ 11 \\ 10 \\ 4 \\ 3 \\ 8 \\ 14 \\ 9 \\ 3 \end{array}$ | $\begin{aligned} & 1 \\ & 4 \\ & 2 \\ & 1 \\ & 2 \\ & 4 \\ & 5 \\ & 2 \\ & 4 \end{aligned}$ |
| Canada | 42 | 11 | 7 | 60 | 32 | 1 | 5 | 2 |

 October, 1962 and 1963

| Province | October |  |  | January - October |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1963 | 1962 | \% of 1962 | 1963 | 1962 | \% of 1962 |
|  | '000 1b. | '000 1b. | \% | '000 1b。 | ${ }^{\prime} 000 \mathrm{lb}$ 。 | \% |
| Prince Edward Island | 3 | 5 | 60 | 25 | 68 | 37 |
| Nova Scotia | 19 | 24 | 79 | 187 | 311 | 60 |
| New Brunswick | 30 | 49 | 61 | 347 | 587 | 59 |
| Quebec | 68 | 87 | 78 | 536 | 688 | 78 |
| Ontario | 12 | 17 | 71 | 154 | 249 | 62 |
| Manitoba | 41 | 66 | 62 | 444 | 710 | 63 |
| Saskatchewan | 102 | 148 | 69 | 1,236 | 1,547 | 80 |
| Alberta | 114 | 116 | 98 | 1,201 | 1,393 | 86 |
| British Columbia | 10 | 14 | 71 | 119 | 226 | 53 |
| Totals | 399 | 526 | 76 | 4,249 | 5,777 | 74 |

TABLE 7．－Production Trends as Indicated by Reports in the Farm Survey，Conducted as of the 15th of Each Month

A。－Cows Milked：Percentage of Total Milk Cows，by Province，September，October and November， 1962 and 1963

| Province | September |  | October |  | November |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 |
|  | percentages |  |  |  |  |  |
| P．E．I． | 82.9 | 83.7 | 84.0 | 84.4 | 82.9 | 80.5 |
| N．S． | 71.6 | 72.1 | 70.1 | 73.4 | 70.1 | 72.1 |
| $N$ 。B。 | 80.0 | 80.6 | 77.1 | 78.7 | 74.0 | 71.9 |
| Que． | 81.4 | 82.3 | 80.2 | 80.7 | 72.5 | 74.2 |
| Ont． | 74.7 | 75.2 | 73.4 | 73.5 | 71.6 | 70.5 |
| Man． | 67.9 | 70.6 | 64.1 | 64.7 | 56.1 | 56.3 |
| Sask． | 70.5 | 69.9 | 66.0 | 64.0 | 57.5 | 59.5 |
| Alta． | 73.5 | 71.2 | 69.6 | 66.3 | 61.9 | 62.2 |
| Bo． | 72.8 | 72.6 | 73.2 | 71.6 | 72.4 | 71.5 |
| Canada | 75．9 | 76.2 | 74.0 | 73.8 | 68.9 | 69.2 |

B．－Milk Production Fer Cow：Daily Averages for Ail Cows and for Cows Milked，by Province，October， 1963 and November， 1962 and 1963

| Province | All Cows |  |  | Cows Milked |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | October 1963 | $\begin{gathered} \text { November } \\ 1963 \end{gathered}$ | November 1962 | $\begin{aligned} & \text { October } \\ & 1963 \end{aligned}$ | $\begin{gathered} \text { November } \\ 1963 \end{gathered}$ | $\begin{gathered} \text { November } \\ 1962 \end{gathered}$ |
| P．E．I． NoS． N．B． Que． Ont． Man． Sask． Alta． B．C． | $\begin{aligned} & 20.9 \\ & 16.1 \\ & 16.2 \\ & 17.3 \\ & 21.0 \\ & 14.4 \\ & 15.3 \\ & 18.0 \\ & 22.1 \end{aligned}$ | $\begin{aligned} & 16.3 \\ & 14.7 \\ & 13.3 \\ & 12.8 \\ & 19.1 \\ & 12.8 \\ & 13.4 \\ & 15.5 \\ & 20.3 \end{aligned}$ | $\begin{aligned} & \quad \mathrm{po} \\ & 16.1 \\ & 14.6 \\ & 12.8 \\ & 12.9 \\ & 18.6 \\ & 11.9 \\ & 13.1 \\ & 14.7 \\ & 19.9 \end{aligned}$ | $\begin{aligned} & 24.9 \\ & 22.9 \\ & 21.1 \\ & 21.6 \\ & 28.6 \\ & 22.5 \\ & 23.2 \\ & 25.9 \\ & 30.3 \end{aligned}$ | $\begin{aligned} & 19.7 \\ & 21.0 \\ & 18.0 \\ & 17.7 \\ & 26.7 \\ & 22.7 \\ & 23.2 \\ & 25.1 \\ & 28.0 \end{aligned}$ | $\begin{aligned} & 20.0 \\ & 20.3 \\ & 17.8 \\ & 17.5 \\ & 26.3 \\ & 21.2 \\ & 22.0 \\ & 23.7 \\ & 27.9 \end{aligned}$ |
| Canada | 18.4 | 15.6 | 15.2 | 24.9 | 22.7 | 22.0 |

TablS S - Farm Dash Income from the Sale of Mik, Cream and Farm Butter, by Province, October, 1962 and 1963


TABLE 9. - Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, October, 1962 and 1963

| Province and | Year | Creamery <br> Butter-fat | Cheese Milk | Milk for Iee Gream Mix and Concentration | Fluid Milk | Farm Butter | Average of Total Sales |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | per lb. | $\text { per } \text { cwt. }$ | per ${ }_{\text {c }}$ cwt. | per cwt. | per lb. | \$ per cwt. of milk |
| P.E.I. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 65.7 \\ & 69.0 \end{aligned}$ | $\begin{aligned} & 2.22 \\ & 2.65 \end{aligned}$ | 2.81 2.86 | $\begin{aligned} & 4.17 \\ & 4.17 \end{aligned}$ | $\begin{aligned} & 53 \\ & 55 \end{aligned}$ | $\begin{aligned} & 2.52 \\ & 2.67 \end{aligned}$ |
| N.S. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 66.0 \\ & 64.0 \end{aligned}$ | - | 2.78 2.85 | $\begin{aligned} & 4.97 \\ & 4.96 \end{aligned}$ | $\begin{aligned} & 57 \\ & 56 \end{aligned}$ | 3.89 4.02 |
| N.B. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 65.5 \\ & 67.0 \end{aligned}$ | $\begin{aligned} & 2.27 \\ & 2.43 \end{aligned}$ | $\begin{aligned} & 3.30 \\ & 3.33 \end{aligned}$ | $\begin{aligned} & 4.76 \\ & 4.82 \end{aligned}$ | $\begin{aligned} & 60 \\ & 59 \end{aligned}$ | $\begin{aligned} & 3.36 \\ & 3.43 \end{aligned}$ |
| Que. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 71.1 | 2.75 2.80 | 2.80 2.83 | 4.53 4.53 | $\begin{aligned} & 55 \\ & 55 \end{aligned}$ | $\begin{aligned} & 2.97 \\ & 3.03 \end{aligned}$ |
| Ont. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 67.8 \\ & 63.8 \end{aligned}$ | 2.94 3.02 | 2.70 2.73 | 4.85 5.00 | $\begin{aligned} & 58 \\ & 57 \end{aligned}$ | $\begin{aligned} & 3.23 \\ & 3.29 \end{aligned}$ |
| Man. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 62.8 \\ & 63.6 \end{aligned}$ | 2.83 2.79 | 2.77 2.81 | 4.66 4.67 | $\begin{aligned} & 58 \\ & 58 \end{aligned}$ | $\begin{aligned} & 2.95 \\ & 3.00 \end{aligned}$ |
| Sask. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 64.6 \\ & 64.6 \end{aligned}$ | - | 2.47 2.49 | 4.90 4.83 | $\begin{aligned} & 56 \\ & 56 \end{aligned}$ | $\begin{aligned} & 3.13 \\ & 3.12 \end{aligned}$ |
| Alta. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 65.9 \\ & 65.8 \end{aligned}$ | 2.63 2.88 | $\begin{aligned} & 3.12 \\ & 2.89 \end{aligned}$ | $\begin{aligned} & 4.63 \\ & 4.63 \end{aligned}$ | $\begin{aligned} & 56 \\ & 56 \end{aligned}$ | $\begin{aligned} & 2.97 \\ & 2.93 \end{aligned}$ |
| B.C. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 65.0 \\ & 66.5 \end{aligned}$ | $\begin{aligned} & 3.05 \\ & 3.19 \end{aligned}$ | $\begin{aligned} & 2.67 \\ & 3.13 \end{aligned}$ | $\begin{aligned} & 5.81 \\ & 5.58 \end{aligned}$ | $\begin{aligned} & 55 \\ & 55 \end{aligned}$ | $\begin{aligned} & 4.46 \\ & 4.63 \end{aligned}$ |
| Canada | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 68.5 \\ & 67.7 \end{aligned}$ | $\begin{aligned} & 2.85 \\ & 2.91 \end{aligned}$ | $\begin{aligned} & 2.76 \\ & 2.83 \end{aligned}$ | $\begin{aligned} & 4.80 \\ & 4.84 \end{aligned}$ | 58 56 | $\begin{aligned} & 3.16 \\ & 3.20 \end{aligned}$ |

TABLE 10. - Creamery Butters Domestic Disappearance for October, January to Dctober and Jenuary to December, 1954 to 1963

| Year | October |  | January to October |  | January to December |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Total } \\ & .000 \mathrm{lb} \end{aligned}$ | $\begin{gathered} \text { Per Capita } \\ \text { lb. } \\ \hline \end{gathered}$ | Total - 000 Ib . | $\begin{gathered} \text { Per Capita } \\ \text { lb. } \end{gathered}$ | $\begin{aligned} & \text { Total } \\ & 0000 \mathrm{lb} \end{aligned}$ | $\begin{gathered} \text { Per Capita } \\ \text { lb. } \\ \hline \end{gathered}$ |
| 1954 | 27,357 | 1.79 | 240,891 | 15.76 | 293,292 | 19.19 |
| 1955 | 27,313 | 1.74 | 248,651 | 15.84 | 301,645 | 19.21 |
| 1956 | 29,811 | 1.85 | 258,178 | 16.05 | 313,606 | 19.50 |
| 1957 | 28,330 | 1.71 | 267,325 | 16.21 | 321,554 | 19.38 |
| 1958 | 29,236 | 1.72 | 258,229 | 25.25 | 312,555 | 18.32 |
| 1959 | 30,431 | 1.74 | 252,752 | 14.49 | 303,059 | 17.38 |
| 1960 | 25,539 | 1.43 | 239,018 | 13.42 | 289,889 | 16.27 |
| 1961 | 25,088 | 1.38 | 234,756 | 12.88 | 288,309 | 15.81 |
| 1962 | 30,212 | 1.63 | 260,020 | 14.01 | 320,442 | 17.26 |
| 1963 | 28,129 1/ | 1.50 | 280,156 | 14.93 | - | - |

$1 /$ Includes an adjustment for approximately $5,599,000 \mathrm{lb}$. of creamery butter exported in the month of October, but not yet reported in trade statistics.

TABLE 11. - Cheese, Supply and Disposition, Canada, October and Cumulative January to October, 1959 to 196.3

|  | Stocks |  |  |  | Stocks | Domestic | appearance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | $\begin{array}{\|c} \text { Beginning } \\ 000 \mathrm{lb} \end{array}$ | Production ' 000 lb . | $\begin{aligned} & \text { Imports } \\ & 1000 \mathrm{lb} . \end{aligned}$ | $\begin{aligned} & \text { Exports } \\ & \text { '000 lb. } \end{aligned}$ | $\begin{aligned} & \text { End } \\ & 0000 \mathrm{lb} \text {. } \end{aligned}$ | $\begin{aligned} & \text { October } \\ & \text { 1000 1b. } \end{aligned}$ | $\begin{aligned} & \text { Jan. } 0 \text { Oct. } \\ & 1000 \mathrm{lb} . \end{aligned}$ |
| Cheddar Cheese |  |  |  |  |  |  |  |
| 1959 | 56,369 | 11.975 | - | 1,299 | 56,121 | 10,924 | 73,840 |
| 1960 | 64,550 | 9,974 | - | 593 | 62,505 | 17,426 | 77,603 |
| 1961 | 71,802 | 11,362 | - | 2,705 | 71,484 | 8.975 | 80,184 |
| 1962 | 62,420 | 10,934 | , | 3,076 | 61,361 | 8,917 | 87,044 |
| 1963 | 68,681 | 14,402 | . 1/ | 3,319 | 65,508 | 14.256 | 91,931 $2 /$ |
| Process Cheese |  |  |  |  |  |  |  |
| 1959 | 3,398 | 4,693 | - | 6 | 3,371 | 4.714 | 42,464 |
| 1960 | 3,384 | 5,579 | - | 15 | 3,625 | 5,323 | 45,579 |
| 1961 | 3,900 | 5,149 | - | 20 | 3.666 | 5,363 | 47,273 |
| 1962 | 4,799 | 5,139 | - | 25 | 4.159 | 5,754- | 52,417 |
| 1963 | 5,106 | 6,154 | - | 22 | 5,664 | 5.574 | 56,104 |
| Other Cheese (hard and soft varieties) |  |  |  |  |  |  |  |
| 1962 | 4,055 | 1,260 | 1,280 | 7 | 3,926 | 2,662 | 22,327 |
| 1963 | 3,919 | 1,482 | $\because 1 /$ | 20 | 4.071 | 1,310 | 20,232 2/ |

1/ Not yet available.
2/ Includes adjustment for September trade statistics.

TABLE 12. - Principal Concentrated Milk Products, Supply and Disposition, Canada, October and Cumulative January to October, 1959 to 1963

| Year | Stocks Beginning ${ }^{\prime} 000 \mathrm{lb}$ 。 | $\begin{gathered} \text { Production } \\ 1000 \mathrm{lb} \text {. } \end{gathered}$ | Imports${ }^{\circ} 000 \mathrm{lb}$ | $\begin{aligned} & \text { Exports } \\ & 000 \mathrm{lb} . \end{aligned}$ | $\begin{aligned} & \text { Stocks } \\ & \text { End } \\ & 000 \mathrm{lb} \text {. } \end{aligned}$ | Domestic Disappearance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | October ${ }^{8} 000 \mathrm{lb}$ | $\begin{aligned} & \text { Jan. }- \text { Oct } \\ & 000 \text { lb. } \end{aligned}$ |
| Evaporated Whole Milk |  |  |  |  |  |  |  |
| 1959 | 66,853 | 27.429 | $\cdots$ | 619 | 65,716 | 27,947 | 251,683 |
| 1960 | 64,057 | 24.735 | - | 535 | 61,687 | 26,570 | 261,363 |
| 1961 | 81,070 | 25,931 | - | 590 | 81,052 | 25,359 | 250,226 |
| 1962 | 66,368 | 21,380 | - | 354 | 60,633 | 26,761 | 254,541 |
| 1963 | 60,238 | 23,717 | - | 442 | 55,426 | 28,087 | 249,944 |

Partly Skimmed Braporated Milk

| 1959 | 3,710 | 1,927 | - | - | 3,820 | 1,817 | 17,444 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1960 | 2,595 | 1,859 | - | - | 2,755 | 1,699 | 17,272 |
| 1961 | 2,606 | 2,324 | - | - | 3,195 | 1,735 | 20,093 |
| 1962 | 3,650 | 2,356 | - | - | 3,795 | 2,211 | 20,693 |
| 1963 | 2,431 | 2,877 | - | - | 2,950 | 2,358 | 23,356 |


| 1959 | 1,842 | 2,020 | - ${ }^{1 /}$ | 1,194 | 2,636 | 32 | 2,969 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1960 | 12,015 | 4.700 | 3 | 5,341 | 12,152 | -20. $2 /$ | 7,905 |
| 1961 | 5,239 | 1,775 | 58 | 1,239 | 5,443 | 390 | 2,374 |
| 1962 | 3,079 | 1,836 | 111 | 1,820 | 3,414 | $\ldots 2 /$ | 2,994 |
| 1963 | 3,787 | 1,301 | - | 1,826 | 3,347 | $\ldots 2 /$ | 4.357 |

Skim Milk Powder

| 1959 | 51,365 | 14,960 | $\infty$ | 12,700 | 34,885 | 18,740 | 119,007 |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: | :--- |
| 1960 | 28,884 | 12,647 | 1 | 1,311 | 26,902 | 13,319 | 103,527 |
| 1961 | 51,938 | 19,598 | - | 4,938 | 53,703 | 12,895 | 127,838 |
| 1962 | 55,532 | 16,312 | - | 1,619 | 59,208 | 11,017 | 112,716 |
| 1963 | 33,860 | 13,370 | - | 8,510 | 27,600 | 11,120 | 133,681 |


| Casein |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1959 | 610 | 615 | 72 | 88 | 694 | 515 | 4.740 |
| 1960 | 2,127 | 543 | 22 | 89 | 2,166 | 437 | 5,195 |
| 1961 | 3,290 | 1,741 | 22 | 1,189 | 3,349 | 515 | 5,535 |
| 1962 | 3,617 | 2,045 | 35 | 1,500 | 3,732 | 465 | 7,446 |
| 1963 | 3,253 | 2,059 | -3/ | 1.177 | 3,421 | 714 | 5,609 4/ |

2/ Less than 500 pounds. exports (with inevitable lag) exceed total supply.
3/ Not yet available.
4/ Includes adjustment for September trade statistics.

TABLE 13. - Ice Cream: Production of Hard and Soft Types, by Province, November and Cumulative January to November, 1962 and 1963

| Province and Year |  | Hard Ice Cream |  | Soft Ice iream |  | Total Ice Cream |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | November | Jan.-Nov. | November | Jan.-Nov. | November | Jan.-Nov. |
| P.E.I. |  | thousand gallons |  |  |  |  |  |
|  | 1962 | 1923 | $\begin{aligned} & 252 \\ & 298 \end{aligned}$ | $=-\frac{1}{1} /$ | 19 | 1923 | $\begin{aligned} & 271 \\ & 319 \end{aligned}$ |
|  | 1963 |  |  |  |  |  |  |
| N.S. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 115118 | $\begin{aligned} & 1,585 \\ & 1,620 \end{aligned}$ | 26 | $\begin{aligned} & 130 \\ & 146 \end{aligned}$ | 117 | $\begin{aligned} & 1,715 \\ & 1,766 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| N.B. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 58 \\ & 65 \end{aligned}$ | $\begin{array}{r} 988 \\ 1,096 \end{array}$ | $\begin{aligned} & -\frac{1}{1} / \\ & --1 / \end{aligned}$ | $\begin{aligned} & 53 \\ & 69 \end{aligned}$ | $\begin{aligned} & 58 \\ & 65 \end{aligned}$ | $\begin{aligned} & 1,041 \\ & 1,165 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| Que. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 588 \\ & 668 \end{aligned}$ | $\begin{aligned} & 9,213 \\ & 9,684 \end{aligned}$ | 67 | $\begin{aligned} & 609 \\ & 762 \end{aligned}$ | $\begin{aligned} & 594 \\ & 675 \end{aligned}$ | $\begin{array}{r} 9,822 \\ 10,446 \end{array}$ |
|  |  |  |  |  |  |  |  |
| Ont. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{array}{r} 999 \\ 1,048 \end{array}$ | $\begin{aligned} & 14,796 \\ & 15,396 \end{aligned}$ | $\begin{aligned} & 10 \\ & 16 \end{aligned}$ | $\begin{array}{r} 904 \\ 1,025 \end{array}$ | $\begin{aligned} & 1,009 \\ & 1,064 \end{aligned}$ | $\begin{aligned} & 15,700 \\ & 16,421 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| Man. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 147 \\ & 157 \end{aligned}$ | $\begin{aligned} & 2,011 \\ & 2,294 \end{aligned}$ | 37 | $\begin{aligned} & 198 \\ & 207 \end{aligned}$ | $\begin{aligned} & 144 \\ & 164 \end{aligned}$ | $\begin{aligned} & 2,209 \\ & 2,501 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| Sask. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | 139152 | 1,9032,134 | 33 | $\begin{aligned} & 227 \\ & 257 \end{aligned}$ | $\begin{aligned} & 142 \\ & 155 \end{aligned}$ | $\begin{aligned} & 2,130 \\ & 2,385 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| Alta. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 224 \\ & 244 \end{aligned}$ | $\begin{aligned} & 3,315 \\ & 3,659 \end{aligned}$ | $\begin{aligned} & 15 \\ & 11 \end{aligned}$ | $\begin{aligned} & 456 \\ & 445 \end{aligned}$ | $\begin{aligned} & 239 \\ & 255 \end{aligned}$ | $\begin{aligned} & 3,771 \\ & 4,104 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| B.C. | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 262 \\ & 251 \end{aligned}$ | $\begin{aligned} & 3,756 \\ & 3,842 \end{aligned}$ | $\begin{aligned} & 22 \\ & 25 \end{aligned}$ | $\begin{aligned} & 534 \\ & 577 \end{aligned}$ | $\begin{aligned} & 284 \\ & 276 \end{aligned}$ | $\begin{aligned} & 4,290 \\ & 4,419 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| Totals | $\begin{aligned} & 1962 \\ & 1963 \end{aligned}$ | $\begin{aligned} & 2,545 \\ & 2,726 \end{aligned}$ | $\begin{aligned} & 37,819 \\ & 40,023 \end{aligned}$ | $\begin{aligned} & 61 \\ & 75 \end{aligned}$ | $\begin{aligned} & 3,130 \\ & 3,503 \end{aligned}$ | $\begin{aligned} & 2,606 \\ & 2,801 \end{aligned}$ | $\begin{aligned} & 40,949 \\ & 43,526 \end{aligned}$ |
|  |  |  |  |  |  |  |  |

1. Less than 500 gallons.

TABLE 14. - Production of Other Products in Ice Cream Industry, Canada,
November and Cumulative January to November; 1962 and 1963

| Year | Milkshake Mix |  | Sherbet |  | Water Ices |  | Ice Milk |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nov. | Jan.-Nov. | Nov. | Jan.-Nov. | Nov. | Jen.-Nov. | Nov. | Jan.-Nov. |
|  | thousand gallons |  |  |  |  |  |  |  |
| 1962 | 16.6 | 297.5 | 27.1 | 467.8 | 20.3 | 1,557.6 | 23.3 | 462.0 |
| 1963 | 21.6 | 336.7 | 31.3 | 534.5 | 52.1 | 2,011.6 | 39.5 | 446.2 |

TABLE 15. - Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, November, 1963 I/
(Data on Export Sales not included due to disclosure provisions of Statistics Act)


1/ At time of publication reports had not been received from 3 of 68 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.

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