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## THE DAIRY REVIEW



The preliminary estimate of milk produced in November is $1,251,000,000$ pounds. This is 1.2 per cent higher than production in the same month last year and would make the total estimate of production during the first eleven months of the year $17,268,000,000$ pounds. This is 0.3 per cent above production in the January-November period a year ago.

Slightly more than 55 per cent of the milk produced in November, or $689,000,000$ pounds, was used for dairy factory products. This was 1. 8 per cent above factory utilization in November, 1964, with increased quantities going into all but concentrated whole milk products. Approximately 12. 2 per cent less milk was utilized for the manufacture of concentrated whole milk products in November than a year ago, while that for butter, cheese and ice creammx increased $2.8,3.3$ and 6.5 per cent, respectively. During the Januarym November period, slightly more milk was used in dairy factory products than in the corresponding period in 1963.

TABLE 1.- Preliminary Estimates of Milk Equivalent of Dairy Factory Productss November and January to November, 1963 and 1964.

| Product | November |  |  | January - November |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1963 | 1964 | Percentage change | 1963 | 1964 | Percentage change |
|  | ${ }^{1} 0001 \mathrm{~b}$. |  | \% | ${ }^{1} 000 \mathrm{Ib}$ 。 |  | \% |
| Cuanery bethav:. | 468,842 | 482,087 | + 2.8 | $7,832,752$ | 7,801, 584 | $-0.4$ |
| Factory cheese. | 121,409 | 125,356 | $+3.3$ | 1,585,910 | $1,639,761$ | $+3.4$ |
| Concentrated whole milk products.... | 58,049 | 50,958 | -12.2 | 930,272 | 939.434 | $+1.0$ |
| Ice cream mix.. | 29,159 | 31,062 | $+6.5$ | 472,659 | 462,459 | -2.2 |
| Totals | 677,459 | 689,463 | + 1.8 | 10,821,593 | 10,843,238 | $+0.2$ |

Fluid sales of milk and cream during November, for the purpose of the preliminary estimate, are calculated at $429,900,000$ pounds, an increase of 1.4 per cent over fluid sales in November, 1963. This assumes the same relationship to year-earlier estimates as for the August-October period.

According to indications from the monthly survey of farms keeping milk cows, milk and cream consumed in farm homes was 4.6 per cent below the quantity used in November, 1963, while 5.4 per cent more milk was used for livestock feeding. Farm dairy correspondents participating in the survey, report 1.6 per cent more cows kept on farms at November 15 , and the same percentage being milked as a year ao at the same date.

FARM MLLK PRODUCTION, WJLLLLATION AND INCOIE LN OCTOBER: 1964.
Earm Milk Production: The estimated quantity of milk produced on farms in October amounted to 1,538 million pounds, a decrease of 21 million pounds or 1.3 per cent below that of October, 1963. Of this amount, 960 million pounds or 62 per cent was utilized in factory production, and approximately 444 million pounds or 29 per cent was used for fluid sales. During the January-October period, the estimated production was 16,017 million pounds, an increase of 30 million pounds over 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 10,154 million pounds while fluid sales accounted for 4,253 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 444 million pounds in October, an increase of approximately 13 million pounds in comparison with October of the previous year. This included about 374 million pounds of fluid milk, comprising about 24 per cent of the farm milk supply, and fluid cream sales of 70 million pounds representing about 5 per cent. During the ten month periods fluid sales totalled 4,253 million pounds, an increase of 87 million pounds or 2.1 per cent over those of the corresponding 1963 period.

Farm Butter: Butter made on farms in October amounted to 449,000 pounds, decreasing 11 per cent from the corresponding month in 1963. For the January-October period, 3,990,000 pounds were produced; a decrease of 23 per cent from the same period last year.

Patm Cash Thcome: Cash income from the sale of dairy products in October amounted to $\$ 45,987,000$. This represented an increase of 3.0 per cent or $\$ 1,340,000$ in comparison with the same month last year. The weighted average value of $\$ 3.27$ per hundred pounds of milk was 12 cents higher than in Octobers 1963. Fluid milk at $\$ 5.01$ per hundred was 14 cents higher than in October, 1963. Creamery butter-fat increased from 69.5 cents to 72.4 cents per pound, and farm butter at 57 cents per pound was the same as in October, 1963. Milk used in manufacture averaged \$2.85 per hundred, 5 cents higher than in October, 1963. Cheese milk increased to $\$ 3.01$ per hundred, an increase of 10 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. The estimates, however, do not make any allowances for costs incurred by farmers in the production of dairy products.

Production and Prices of Dairy Products in October, 1964.
Exeane:y Becter

Prozictson: Creamery butper produation awounted to 29.2 asi11.on pounds in October, 1964, a decrease of approximately 613 thousand pounds as compared to production in the same month of the previous year.

Stocks: Combined holdings of creamery butter and butter oil (in butter equivalent) in store and transit on November 1, 1964, amounted to 138.1 million pounds, approximately 125.9 million pounds lower than at November 1 last year. On October 1, 1964, stock holdings at 160.5 milion pounds were 108.5 million pounds less than at the same date a year earlier.

Supply: The combined quantity of creamery butter and butter oil represented by stocks on October 1, plus production and imports during the month amounted to 189.8 million pounds of butter at October 31, 1964. This was a decrease of approximately 109.1 milli on pounds compared to the corresponding supply figure at October 31, 1963.

Domestic Disappearance: The combined domestic disappearance of creamery butter and butter oil in October amounted to 34.1 million pounds of butter, an increase of 4.8 million pounds or 16.4 per cent more than the corresponding figure for the same month last year. On a per capita basis, it amounted to 1.79 pounds as compared with 1.55 pounds in October, 1963.

Prices at Montreal: Butter prices at Montreal, based on dealers' quotations for first grade solids, averaged 52 cents per pound in October, as against $503 / 4$ cents in October, 1963.

## Cheddar Cheese

Production: Cheddar cheese production in October amounted to approximately 13.8 million pounds, a decrease of about 0.8 million pounds compared to production in the same month of the previous year.

Prices: The Belleville price of Ontario coloured cheese averaged $381 / 2$ cents per pound in October. The comparative price in 1963 was $383 / 8$ cents.

Ice Cream Mix

The quantity of ice cream mix manufactured in October was approximately 1.6 million gallons or 49 thousand gallons less than that produced a year ago.

TABLE 2.- Milk Production and Utilization, by Province, October, 1963 and 1964.

| Province and year | $\begin{aligned} & \text { Total } \\ & \text { milk } \\ & \text { production } \end{aligned}$ | Utilization |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Factory products | Farm butter | Farm-home consumed | Fed to livestock | Fluid sales |
| $\begin{array}{ll} \text { P.E.I. ..... } & 1963 \\ & 1964 \end{array}$ | thousand pounds |  |  |  |  |  |
|  | $\begin{aligned} & 19,197(1) \\ & 18,946(1) \end{aligned}$ | $\begin{aligned} & 15,143(1) \\ & 14,839(1) \end{aligned}$ | $\begin{aligned} & 117 \\ & 117 \end{aligned}$ | $\begin{aligned} & 1,790 \\ & 1,750 \end{aligned}$ | $\begin{aligned} & 308 \\ & 286 \end{aligned}$ | $\begin{aligned} & 1,337 \\ & 1,954 \end{aligned}$ |
|  |  |  |  |  |  |  |
| $\text { N.S. . ..... } \begin{array}{r} 1963 \\ 1964 \end{array}$ | $\begin{aligned} & 28,773 \\ & 28,007 \end{aligned}$ | $\begin{aligned} & 8,078 \\ & 7,737 \end{aligned}$ | $\begin{aligned} & 562 \\ & 445 \end{aligned}$ | $\begin{aligned} & 2,180 \\ & 2,150 \end{aligned}$ | $\begin{array}{r} 1,300 \\ 891 \end{array}$ | $\begin{aligned} & 16,653 \\ & 16,784 \end{aligned}$ |
|  |  |  |  |  |  |  |
| $\text { N.B. ...... } 1963$ | $\begin{aligned} & 31,320 \\ & 30,158 \end{aligned}$ | $\begin{aligned} & 15,586 \\ & 14,186 \end{aligned}$ | $\begin{aligned} & 562 \\ & 538 \end{aligned}$ | $\begin{aligned} & 2,130 \\ & 2,190 \end{aligned}$ | $\begin{aligned} & 554 \\ & 488 \end{aligned}$ | $\begin{aligned} & 12,488 \\ & 12,756 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Que. ....... 1963 | $\begin{aligned} & 575,085 \\ & 548,682 \end{aligned}$ | $\begin{aligned} & 422,069 \\ & 396,923 \end{aligned}$ | $\begin{aligned} & 1,708 \\ & 1,053 \end{aligned}$ | $\begin{aligned} & 20,600 \\ & 19,600 \end{aligned}$ | $\begin{aligned} & 9,240 \\ & 7,960 \end{aligned}$ | $\begin{aligned} & 121,468 \\ & 123,146 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Ont. ....... 1963 | $\begin{aligned} & 530,813 \\ & 553,025 \end{aligned}$ | $\begin{aligned} & 323,917 \\ & 339,488 \end{aligned}$ | $\begin{aligned} & 959 \\ & 538 \end{aligned}$ | $\begin{aligned} & 16,900 \\ & 16,400 \end{aligned}$ | $\begin{aligned} & 18,600 \\ & 18,900 \end{aligned}$ | $\begin{aligned} & 170,437 \\ & 177,699 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Man. ....... 1963 | $\begin{aligned} & 79,506 \\ & 73,932 \end{aligned}$ | $\begin{aligned} & 43,070 \\ & 38,510 \end{aligned}$ | $\begin{array}{r} 1,287 \\ 772 \end{array}$ | $\begin{aligned} & 8,190 \\ & 7,730 \end{aligned}$ | $\begin{aligned} & 4,250 \\ & 4,450 \end{aligned}$ | $\begin{aligned} & 21,809 \\ & 22,470 \end{aligned}$ |
|  |  |  |  |  |  |  |
| $\text { Sask. ..... } \begin{aligned} & 1963 \\ & 1964 \end{aligned}$ | $\begin{aligned} & 85,527 \\ & 81,054 \end{aligned}$ | $\begin{aligned} & 46,716 \\ & 42,732 \end{aligned}$ | $\begin{aligned} & 2,995 \\ & 3,534 \end{aligned}$ | $\begin{aligned} & 14,200 \\ & 13,400 \end{aligned}$ | $\begin{aligned} & 5,020 \\ & 4,420 \end{aligned}$ | $\begin{aligned} & 16,596 \\ & 16,968 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Alta. ..... 1963 | $\begin{aligned} & 128,956(1) \\ & 124,988(1) \end{aligned}$ | $\begin{aligned} & 76,302(1) \\ & 72,785(1) \end{aligned}$ | $\begin{aligned} & 3,299 \\ & 3,042 \end{aligned}$ | $\begin{aligned} & 14,200 \\ & 13,000 \end{aligned}$ | $\begin{aligned} & 5,120 \\ & 5,230 \end{aligned}$ | $\begin{aligned} & 30,035 \\ & 30,931 \end{aligned}$ |
|  |  |  |  |  |  |  |
| B.C. ...... 1963 | $\begin{aligned} & 68,988 \\ & 69,970 \end{aligned}$ | $\begin{aligned} & 24,050 \\ & 23,701 \end{aligned}$ | $\begin{aligned} & 351 \\ & 468 \end{aligned}$ | $\begin{aligned} & 2,090 \\ & 2,100 \end{aligned}$ | $\begin{aligned} & 2,940 \\ & 2,330 \end{aligned}$ | $\begin{aligned} & 39,557 \\ & 41,371 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Totals .. 1963 | $\begin{aligned} & 1,558,753 \\ & 1,538,027 \end{aligned}$ | $\begin{aligned} & 986,419 \\ & 960,166 \end{aligned}$ | $\begin{aligned} & 11,840 \\ & 10,507 \end{aligned}$ | $\begin{aligned} & 82,280 \\ & 78,320 \end{aligned}$ | $\begin{aligned} & 47,332 \\ & 44,955 \end{aligned}$ | $\begin{aligned} & 430,882 \\ & 444,079 \end{aligned}$ |
|  |  |  |  |  |  |  |

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

TABLE 3..-Milk Production and Utilization: Cumulative Data, by Province, January to October, 1963 and 1964.

| Province and year | $\begin{gathered} \text { Total } \\ \text { milk } \\ \text { production } \end{gathered}$ | Utilization |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Factory products | Farm butter | Farm-home consumed | Fed to <br> livestock | Fluid <br> sales |
| thousand pounds |  |  |  |  |  |  |
| $\text { P.E.I. ..... } 1963$ | 168,396(1) | $\begin{aligned} & 122,328(1) \\ & 134,191(1) \end{aligned}$ | ) $\begin{aligned} & 1,193 \\ & 1,100\end{aligned}$ | $\begin{aligned} & 16,340 \\ & 17,180 \end{aligned}$ | $\begin{array}{r} 9,758 \\ 11,774 \end{array}$ | $\begin{aligned} & 18,777 \\ & 18,957 \end{aligned}$ |
|  | 183,202(1) |  |  |  |  |  |
| $\text { N.S. . ...... } \begin{aligned} & 1963 \\ & 1964 \end{aligned}$ | $\begin{aligned} & 294,419 \\ & 283,157 \end{aligned}$ | 88,98784,133 | $\begin{aligned} & 5,194 \\ & 3,932 \end{aligned}$ | 21,64021,310 | $\begin{array}{r} 13,914 \\ 9,798 \end{array}$ | $\begin{aligned} & 164,684 \\ & 163,984 \end{aligned}$ |
|  |  |  |  |  |  |  |
| $\text { N.B. . . . . . . } \begin{aligned} & 1963 \\ & 1964 \end{aligned}$ | $\begin{aligned} & 321,087 \\ & 317,257 \end{aligned}$ | $\begin{aligned} & 154,571 \\ & 156,085 \end{aligned}$ | $\begin{aligned} & 6,014 \\ & 4,679 \end{aligned}$ | $\begin{aligned} & 22,010 \\ & 20,660 \end{aligned}$ | $\begin{array}{r} 10,144 \\ 9,142 \end{array}$ | $\begin{aligned} & 128,348 \\ & 126,691 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Que. $\qquad$ | $\begin{aligned} & 5,485,983 \\ & 5,349,473 \end{aligned}$ | $\begin{aligned} & 3,859,853 \\ & 3,741,360 \end{aligned}$ | $\begin{array}{r} 11,418 \\ 6,154 \end{array}$ | $\begin{aligned} & 199,200 \\ & 195,800 \end{aligned}$ | $\begin{aligned} & 235,980 \\ & 195,900 \end{aligned}$ | $\begin{aligned} & 1,179,532 \\ & 1,210,259 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Ont. ....... 1963 | $\begin{aligned} & 5,635,777 \\ & 5,794,238 \end{aligned}$ | $\begin{aligned} & 3,556,922 \\ & 3,679,147 \end{aligned}$ | $\begin{array}{r} 10,366 \\ 7,044 \end{array}$ | $\begin{aligned} & 164,900 \\ & 165,000 \end{aligned}$ | $\begin{aligned} & 256,500 \\ & 257,100 \end{aligned}$ | $\begin{aligned} & 1,647,089 \\ & 1,685,947 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Man. ...... 1963 | $\begin{aligned} & 919,740 \\ & 888,293 \end{aligned}$ | $\begin{aligned} & 561,722 \\ & 536,848 \end{aligned}$ | $\begin{array}{r} 13,549 \\ 9,617 \end{array}$ | $\begin{aligned} & 81,650 \\ & 77,460 \end{aligned}$ | $\begin{aligned} & 59,340 \\ & 57,640 \end{aligned}$ | $\begin{aligned} & 203,479 \\ & 206,728 \end{aligned}$ |
|  |  |  |  |  |  |  |
| $\text { Sask. ..... } 1963$ | $\begin{aligned} & 976,821 \\ & 948,771 \end{aligned}$ | $\begin{aligned} & 580,055 \\ & 542,226 \end{aligned}$ | $\begin{aligned} & 35,475 \\ & 28,760 \end{aligned}$ | $\begin{aligned} & 134,500 \\ & 141,800 \end{aligned}$ | $\begin{aligned} & 71,410 \\ & 77,040 \end{aligned}$ | $\begin{aligned} & 155,381 \\ & 158,945 \end{aligned}$ |
|  |  |  |  |  |  |  |
| Alta. ..... 1963 | $\begin{aligned} & 1,364,070(1) \\ & 1,403,178(1) \end{aligned}$ | $\begin{aligned} & 832,573(1) 34,047 \\ & 875,886(1) 28,853 \end{aligned}$ |  | $\begin{aligned} & 128,200 \\ & 133,800 \end{aligned}$ | $\begin{aligned} & 81,290 \\ & 75,690 \end{aligned}$ | $\begin{aligned} & 287,960 \\ & 288,949 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & 704,414 \\ & 723,730 \end{aligned}$ | $\begin{aligned} & 270,882 \\ & 278,098 \end{aligned}$ | $\begin{aligned} & 3,979 \\ & 3,229 \end{aligned}$ | $\begin{aligned} & 20,700 \\ & 20,830 \end{aligned}$ | $\begin{aligned} & 28,540 \\ & 29,080 \end{aligned}$ | $\begin{aligned} & 380,313 \\ & 392,493 \end{aligned}$ |
|  |  |  |  |  |  |  |
| $\text { Tota1s .. } 1963$ | $\begin{aligned} & 15,986,948 \\ & 16,017,100 \end{aligned}$ | $\begin{aligned} & 10,144,134 \\ & 10,153,775 \end{aligned}$ | $\begin{array}{r} 121,235 \\ 93,368 \end{array}$ | $\begin{aligned} & 789,140 \\ & 793,840 \end{aligned}$ | $\begin{aligned} & 766,876 \\ & 723,164 \end{aligned}$ | $\begin{aligned} & 4,165,563 \\ & 4,252,953 \end{aligned}$ |
|  |  |  |  |  |  |  |

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

TABLE 4.-Milk Equivalent of Factory Products and Fluid Sales, by Province, October, 1963 and 1964.

| Province and year | Creamery butter | Cheese | $\begin{gathered} \text { Concentrated } \\ \text { milk } \end{gathered}$ | Ice cream mix | Fluid milk | Fluid cream |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | thousand pounds of milk |  |  |  |  |  |
| P.E.I. .... 1963 | $\begin{aligned} & 13,525 \\ & 12,800 \end{aligned}$ | $\begin{aligned} & 1,518 \\ & 1,936 \end{aligned}$ | $\begin{aligned} & \text { (1) } \\ & (1) \end{aligned}$ | 100 103 | $\begin{aligned} & 1,658 \\ & 1,745 \end{aligned}$ | $\begin{aligned} & 181 \\ & 209 \end{aligned}$ |
| $\text { N.S. ....... } \begin{aligned} & 1963 \\ & 1964 \end{aligned}$ | $\begin{aligned} & 6,412 \\ & 6,014 \end{aligned}$ | - | $\cdots$ | $\begin{aligned} & 1,666 \\ & 1,723 \end{aligned}$ | $\begin{aligned} & 14,817 \\ & 14,990 \end{aligned}$ | $\begin{aligned} & 1,836 \\ & 1,794 \end{aligned}$ |
| $\text { N.B. . . . . . . } \begin{array}{r} 1963 \\ 1964 \end{array}$ | $\begin{aligned} & 14,063 \\ & 12,402 \end{aligned}$ | $\begin{aligned} & 572 \\ & 517 \end{aligned}$ | - | $\begin{array}{r} 951 \\ 1,267 \end{array}$ | 11,043 11,254 | $\begin{aligned} & 1,445 \\ & 1,502 \end{aligned}$ |
| Que. ....... 1963 | $\begin{aligned} & 312,718 \\ & 293,272 \end{aligned}$ | $\begin{aligned} & 80,705 \\ & 78,927 \end{aligned}$ | $\begin{aligned} & 18,885 \\ & 16,912 \end{aligned}$ | $\begin{aligned} & 9,761 \\ & 7,812 \end{aligned}$ | 102,715 104,239 | $\begin{aligned} & 18,753 \\ & 18,907 \end{aligned}$ |
| Ont. ....... 1963 | $\begin{aligned} & 183,011 \\ & 205,967 \end{aligned}$ | $\begin{aligned} & 89,231 \\ & 84,728 \end{aligned}$ | $\begin{aligned} & 37,063 \\ & 35,645 \end{aligned}$ | $\begin{aligned} & 14,612 \\ & 13,148 \end{aligned}$ | $\begin{aligned} & 146,300 \\ & 151,865 \end{aligned}$ | $\begin{aligned} & 24,137 \\ & 25,834 \end{aligned}$ |
| $\text { Man. ....... } 1963$ | $\begin{aligned} & 41,488 \\ & 35,685 \end{aligned}$ | $\begin{aligned} & 758 \\ & 867 \end{aligned}$ | - | $\begin{aligned} & 1,724 \\ & 1,958 \end{aligned}$ | $\begin{aligned} & 16,934 \\ & 17,400 \end{aligned}$ | $\begin{aligned} & 4,875 \\ & 5,070 \end{aligned}$ |
| $\text { Sask. ...... } \begin{aligned} & 1963 \\ & 1964 \end{aligned}$ | $\begin{aligned} & 46,168 \\ & 42,237 \end{aligned}$ | - | - | $\begin{aligned} & 548 \\ & 495 \end{aligned}$ | $\begin{aligned} & 13,739 \\ & 14,119 \end{aligned}$ | $\begin{aligned} & 2,857 \\ & 2,849 \end{aligned}$ |
| Alta. ..... 1963 | $\begin{aligned} & 72,797 \\ & 68,890 \end{aligned}$ | $\begin{aligned} & 1,793 \\ & 2,200 \end{aligned}$ | $\begin{aligned} & (1) \\ & (1) \end{aligned}$ | $\begin{aligned} & 1,712 \\ & 1,695 \end{aligned}$ | $\begin{aligned} & 24,044 \\ & 24,738 \end{aligned}$ | $\begin{aligned} & 5,991 \\ & 6,193 \end{aligned}$ |
| $\text { B.C. ....... } 1963$ | $\begin{aligned} & 8,120 \\ & 6,692 \end{aligned}$ | $\begin{aligned} & 836 \\ & 605 \end{aligned}$ | $\begin{aligned} & 10,644 \\ & 11,660 \end{aligned}$ | $\begin{aligned} & 4,450 \\ & 4,744 \end{aligned}$ | $\begin{aligned} & 31,955 \\ & 33,374 \end{aligned}$ | $\begin{aligned} & 7,602 \\ & 7,997 \end{aligned}$ |
| Totals .. 1963 | $\begin{aligned} & 698,302 \\ & 683,959 \end{aligned}$ | $\begin{aligned} & 175,413 \\ & 169,780 \end{aligned}$ | $\begin{aligned} & 77,180 \\ & 73,482 \end{aligned}$ | $\begin{aligned} & 35,524 \\ & 32,945 \end{aligned}$ | $\begin{aligned} & 363,205 \\ & 373,724 \end{aligned}$ | $\begin{aligned} & 67,677 \\ & 70,355 \end{aligned}$ |

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

TABLE S.-Milk Utilization: In Factories, in Dairies and on Farms, as Percentage of Production, by Province, October, 1964.


TABLE A. -Eutter Mate Ou Farms, by Paovince, Qetobav and Canulantre Janamat to October, 1963 and 1964.

| Province | October |  |  | January - October |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1964 | 1963 | \% of 1963 | 1964 | 1963 | \% of 1963 |
|  | ${ }^{1} 0001 \mathrm{~b}$ 。 |  | \% | ${ }^{1} 0001 \mathrm{lb}$ |  | \% |
| P.E.I. | 5 | 5 | 100 | 47 | 51 | 92 |
| N.S. | 19 | 24 | 79 | 168 | 222 | 76 |
| N.B. | 23 | 24 | 96 | 200 | 257 | 78 |
| Que. ...... | 45 | 73 | 62 | 263 | 488 | 54 |
| Ont..... | 23 | 41 | 56 | 301 | 443 | 68 |
| Man. | 33 | 55 | 60 | 411 | 579 | 71 |
| Sask. | 151 | 128 | 118 | 1,229 | 1,516 | 81 |
| Alta. | 130 | 141 | 92 | 1,233 | 1,455 | 85 |
| B.C. ..... | 20 | 15 | 133 | 138 | 170 | 81 |
| Totals .. | 449 | 506 | 89 | 3,990 | 5,181 | 77 |

TABLE 7.-Production Trends as Indicated by Reports in the Farm Survey, Conducted as of the 15 th of each Month
A. Cows Milked: Percentage of Total Milk Cows, by Province September, October and November, 1963 and 1964.

| Province | September |  | October |  | November |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1964 | 1963 | 1964 | 1963 | 1964 | 1963 |
|  | percentages |  |  |  |  |  |
| P.E.I. | 87.4 | 82.9 | 85.6 | 84.0 | 81.8 | 82.9 |
| N.S. ...... | 71.0 | 71.6 | 69.7 | 70.1 | 68.3 | 70.1 |
| N.B. ...... | 79.0 | 80.0 | 77.5 | 77.1 | 72.3 | 74.0 |
| Que. ...... | 80.9 | 81.4 | 78.5 | 80.2 | 71.4 | 72.5 |
| ont. ....... | 74.5 | 74.7 | 73.1 | 73.4 | 70.5 | 71.6 |
| Man. ...... | 67.8 | 67.9 | 61.7 | 64.1 | 57.9 | 56.1 |
| Sask. | 67.0 | 70.5 | 62.6 | 66.0 | 60.4 | 57.5 |
| Alta. ..... | $71.8$ | $73.5$ | $66.1$ | 69.6 | $62.5$ | $61.9$ |
| B.C. ...... | 75.0 | 72.8 | 74.8 | 73.2 | 74.9 | 72.4 |
| Canada .. | 75.6 | 75.9 | 73.0 | 74.0 | 68.9 | 68.9 |

B. Milk Production Per Cow: Daily Averages for All Cows and for Cows Milked, by Province, October, 1964 and November, 1963 and 1964.

| Province | All cows |  |  | Cows milked |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { October } \\ & 1964 \end{aligned}$ | November $1964$ | November 1963 | October $1964$ | November 1964 | November $1963$ |
|  | pounds |  |  |  |  |  |
| P.E.I. .... | 20.6 | 17.2 | 16.3 | 24.1 | 21.0 | 19.7 |
| N.S. ..... | 17.1 | 15.1 | 14.7 | 24.6 | 22.2 | 21.0 |
| N.B. ...... | 16.5 | 13.9 | 13.3 | 21.3 | 19.2 | 18.0 |
| Que. ...... | 17.1 | 12.9 | 12.8 | 21.8 | 18.0 | 17.7 |
| Ont. ...... | 21.5 | 19.1 | 19.1 | 29.5 | 27.1 | 26.7 |
| Man. ...... | 14.3 | 13.8 | 12.8 | 23.2 | 23.8 | 22.7 |
| Sask. | 15.3 | 14.9 | 13.4 | 24.5 | 24.8 | 23.2 |
| Alta. ..... | 16.5 | 15.4 | 15.5 | 24.9 | 24.6 | 25.1 |
| B.C. ...... | 22.5 | 21.4 | 20.3 | 30.1 | 28.5 | 28.0 |
| Canada .. | 18.4 | 16.0 | 15.6 | 25.1 | 23.2 | 22.7 |

TABLE S. F Farm Cash Income from the Sale of Milk, Cream and Farm Butter, by Province, October, 1963 and 1964.

| Province and year | Creamery <br> butter-fat | Cheese milk | Milk for ice cream mix and concentration | Fluid cream | Fluid milk | Farm butter | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\text { P.E.I. .... } 1963$ | thousand dollars |  |  |  |  |  |  |
|  | 323 | 4155 | 7899 | $\begin{aligned} & 6 \\ & 7 \end{aligned}$ | $\begin{aligned} & 69 \\ & 76 \end{aligned}$ | - | $\begin{aligned} & 517 \\ & 543 \end{aligned}$ |
|  | 306 |  |  |  |  |  |  |
| N.S. ...... 1.963 | 142 | - | 47 | 53 | 736 | 1 | $\begin{array}{r} 979 \\ 1,044 \end{array}$ |
| 1964 | 137 | - | 49 | 55 | 802 |  |  |
| $\text { N.B. ....... } \begin{aligned} & 1963 \\ & 1964 \end{aligned}$ | $\begin{aligned} & 326 \\ & 287 \end{aligned}$ | 15 | $\begin{aligned} & 32 \\ & 43 \end{aligned}$ | $\begin{aligned} & 48 \\ & 51 \end{aligned}$ | $\begin{aligned} & 533 \\ & 568 \end{aligned}$ | 2 | 956967 |
|  |  |  |  |  |  |  |  |
| Que. ....... 1963 | $\begin{aligned} & 7,737 \\ & 7,776 \end{aligned}$ | $\begin{aligned} & 2,253 \\ & 2,245 \end{aligned}$ | $\begin{aligned} & 783 \\ & 694 \end{aligned}$ | $\begin{aligned} & 484 \\ & 446 \end{aligned}$ | $\begin{aligned} & 4,653 \\ & 5,014 \end{aligned}$ | 21 | $\begin{aligned} & 15,912 \\ & 16,176 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| $\text { ont. ....... } 1963$ | $\begin{aligned} & 4,478 \\ & 5,158 \end{aligned}$ | $\begin{aligned} & 2,694 \\ & 2,690 \end{aligned}$ | $\begin{aligned} & 1,411 \\ & 1,388 \end{aligned}$ | $\begin{aligned} & 536 \\ & 607 \end{aligned}$ | $\begin{aligned} & 7,315 \\ & 7,624 \end{aligned}$ | 1 | $\begin{aligned} & 16,435 \\ & 17,468 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| $\text { Man. ....... } 1963$ | $\begin{aligned} & 914 \\ & 784 \end{aligned}$ | 2127 | $\begin{aligned} & 48 \\ & 55 \end{aligned}$ | $\begin{aligned} & 108 \\ & 111 \end{aligned}$ | $\begin{aligned} & 791 \\ & 851 \end{aligned}$ | 1 | $\begin{aligned} & 1,883 \\ & 1,829 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| $\text { Sask. ...... } \begin{aligned} & 1963 \\ & \\ & 1964 \end{aligned}$ | $\begin{array}{r} 1,036 \\ 956 \end{array}$ | -- | $\begin{array}{\|l} 14 \\ 12 \end{array}$ | $\begin{aligned} & 71 \\ & 71 \end{aligned}$ | $\begin{aligned} & 676 \\ & 706 \end{aligned}$ | 1 | $\begin{aligned} & 1,798 \\ & 1,746 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| Alta. ..... 1963 | $\begin{aligned} & 1,651 \\ & 1,569 \end{aligned}$ | $\begin{aligned} & 53 \\ & 66 \end{aligned}$ | $\begin{aligned} & 279 \\ & 222 \end{aligned}$ | $\begin{aligned} & 170 \\ & 177 \end{aligned}$ | $\begin{aligned} & 1,123 \\ & 1,190 \end{aligned}$ | 21 | $\begin{aligned} & 3,278 \\ & 3,225 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| B.C. ...... 1963 | $\begin{aligned} & 187 \\ & 157 \end{aligned}$ |  | $\begin{aligned} & 467 \\ & 474 \end{aligned}$ | $\begin{aligned} & 424 \\ & 452 \end{aligned}$ | $\begin{aligned} & 1,783 \\ & 1,886 \end{aligned}$ | 1 | $\begin{aligned} & 2,889 \\ & 2,964 \end{aligned}$ |
|  |  |  |  |  |  |  |  |
| $\text { Totals .. } 1963$ | $\begin{aligned} & 16,794 \\ & 17,130 \end{aligned}$ | $\begin{aligned} & 5,104 \\ & 5,116 \end{aligned}$ | $\begin{aligned} & 3,159 \\ & 3,036 \end{aligned}$ | $\begin{aligned} & 1,900 \\ & 1,977 \end{aligned}$ | $\begin{aligned} & 17,679 \\ & 18,717 \end{aligned}$ | $\begin{aligned} & 11 \\ & 11 \end{aligned}$ | $\begin{aligned} & 44,647 \\ & 45,987 \end{aligned}$ |
|  |  |  |  |  |  |  |  |

TABLE 9.- Average Farm Values of Butter-fat, Milk and Farm Butter, by Province, October, 1963 and 1964 .

| Province and year | Creamery butter-fat | Cheese milk | Milk for ice cream mix and concentration | Fluid milk | Farm butter | Average of total sales |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | per ${ }^{\text {lb }}$. | per cwt. | $\begin{gathered} \text { per cwt. } \\ \$ \end{gathered}$ | per cwt. | $\text { per } 1 \mathrm{~b} \text {. }$ | $\begin{aligned} & \text { \$ per cwt. } \\ & \text { of milk } \end{aligned}$ |
| $\text { P.E.I. .... } 1963$ | 69.0 | 2.67 | 2.86 | 4.17 | 55 | 2.64 |
|  | 69.0 | 2.85 | 2.93 | 4.33 | 53 | 2.70 |
| $\text { N.S. ....... } 1963$ | 64.0 | - | 2.85 | 4.97 | 56 | 3.95 |
|  | 66.0 | - | 2.84 | 5.35 | 58 | 4.25 |
| $\text { N.B. ....... } \begin{aligned} & 1963 \\ & 1964 \end{aligned}$ | 67.0 | 2.68 | 3.33 | 4.83 | 59 | 3.39 |
|  | 67.0 | 2.66 | 3.38 | 5.05 | 60 | 3.57 |
| Que. ....... 1963 | 71.5 | 2.79 | 2.73 | 4.53 | 55 | 2.93 |
|  | 76.6 | 2.84 | 2.81 | 4.81 | 54 | 3.11 |
| Ont. ....... 1963 | 70.7 | 3.02 | 2.73 | 5.00 | 57 | 3.32 |
|  | 72.4 | 3.18 | 2.85 | 5.02 | 57 | 3.38 |
| Man. ....... 1963 | 63.6 | 2.78 | 2.81 | 4.67 | 58 | 2.86 |
|  | 63.4 | 3.08 | 2.81 | 4.89 | 57 | 3.00 |
| $\text { Sask. ..... } \begin{array}{r} 1963 \\ 1964 \end{array}$ | 64.8 | $\cdots$ | 2.49 | 4.92 | 56 | 2.84 |
|  | 65.4 | - | 2.48 | 5.00 | 56 | 2.92 |
| Alta. ...... 1963 | 65.5 | 2.95 | 2.88 | 4.67 | 56 | 2.87 |
|  | 65.8 | 2.99 | 2.90 | 4.81 | 56 | 2.94 |
| $\text { B.C. ....... } 1963$ | 66.5 | 3.16 | 3.10 | 5.58 | 55 | 4.54 |
|  | 67.5 | 3.19 | 2.89 | 5.65 | 55 | 4.59 |
| $\text { Canada .. } \begin{array}{r} 1963 \\ 1964 \end{array}$ | 69.5 | 2.91 | 2. 80 | 4.87 | 57 | 3.15 |
|  | 72.4 | 3.01 | 2.85 | 5.01 | 57 | 3.27 |

TABLE 10, - Creamery Butter: Domestic Disappearance for October, January to October and January to December, 1955 to 1964.

| Year | October |  | January to October |  | January to December |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Per capita | Total | Per capita | Total | Per capita |
|  | ${ }^{\prime} 000 \mathrm{lb}$. | Ib. | '000 1b. | 1 b . | ${ }^{\prime} 000$ 1b. | 1 b . |
| 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 | 257, 325 | 16,10 | 321,554 | 19.36 |
| 1958 | 29,236 | 1.71 | 258,229 | 15.12 | 312,255 | 18.28 |
| 1959 | 30,431 | 1.74 | 252,752 | 14.45 | 303,059 | 17.33 |
| 1960 | 25,539 | 1. 43 | 239,018 | 13.37 | 289,889 | 16.22 |
| 1961 | 25,088 | 1. 38 | 234,756 | 12.88 | 288,309 | 15.81 |
| 1962 | 30,188 | 1.63 | 260,279 | 14.02 | 320,752 | 17.27 |
| 1963 | 29,299 | 1.55 | 283,178 | 14.98 | 350,749 | 18.56 |
| 1964 | 34,106(1) | 1. 79 | 298,201 | 15.61 | - | - |

(1) Includes an adjustment for approximately $5,662,000 \mathrm{lb}$. of butter ofl, or 7,077 , 000 lb . in butter equivalent, exported in the month of October.

TABIE L1.-Cheese, Supply and Disposition, Canada, October and Cumulative January to October, 1960 to 1964.

| Year | Stocks beginning | Production | Imports | Exports: | Stocks end | Domestic disappearance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Oct. | Join. . $0_{\text {ct }}$ |
|  | 1 ${ }^{\prime} 000 \mathrm{lb}$. |  |  |  |  |  |  |
|  | Cheddar cheese |  |  |  |  |  |  |
| 1960 | 64,550 | 9,974 | $\cdots$ | 593 | 62,505 | 11,426 | 77,603 |
| 1961 | 71,802 | 11,362 | $\cdots$ | 2,705 | 71,484 | 8,975 | 80,184 |
| 1962 | 62,420 | 10,991 | $\sim$ | 3,076 | 61,3611 | 8,974 | 87,663 |
| 1963 | 68,698 | 14, 341 | - | 3,319 | 65,547 | 14,373 | 92,527 |
| 1964 | 74,554 | 13,763 | - | 2,133 | 70,863 | 15,3211 | 91,643 |
|  | Process cheese |  |  |  |  |  |  |
| 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 | 4,694 | 4,835 | - | 25 | 4,031 | 5,473 | 50,243 |
| 1963 | 4,909 | 5,700 | $\cdots$ | 22 | 5,277 | 5,310 | 53,372 |
| 1964 | 4,704 | 6,204 | - | 21 | 4,742 | 6,145 | 58,1177 |
|  | Other cheese (hard and soft varieties) |  |  |  |  |  |  |
| 1963 | 4,065 | 1,439 | 1,242 | 20 | 3,845 | 2,881 | 23,589 |
| 1964 | 3,561 | 1,712 | (1) | 4. | 3,588 | 1,681 | 23,226(2) |

(1) Import trade statistics not available for September and October.
(2) Includes adjustment for August imports.

TABLE 12. PPrincipal Concentrated Milk Products, Supply and Disposition, Canada, October and Cumulative January to October, 1960 to 1964.

(I) Disappearance for the month cannot be estimated because montheend stocks and exports (with inevitable lag) exceed total supply.
(2) Import trade statistics not available for September and October.
(3) Includes adjustment for August imports.

LABLE 13.-Ice Cream: Production of Hard and Soft Types, by Province, November and Cumulative January to November, 1963 and 1964.

| Province and year | Hard ice cream |  | Soft ice cream |  | Total ice cream |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | November | J. $1 . \mathrm{CNOV}$, | November | Jan. - Nov. | November | Jan. - Nov. |
|  | thousand gallons |  |  |  |  |  |
| P.E.I. .... 1963 | 23 | 298 | (1) | 21 | 23 | 319 |
| 1964 | 19 | 286 | (1) | 24 | 19 | 310 |
| N.S. ...... 1963 | 123 | 1,651 | 4 | 153 | 127 | 1,804 |
| 1964 | 128 | 1,772 | 5 | 150 | 133 | 1,922 |
| N.B. ..... 1963 | 70 | 1,087 | (1) | 72 | 70 | 1,159 |
| 1964 | 78 | 1,198 | (1) | 64 | 78 | 1,262 |
| Que. ...... 1963 | 673 | 9.761 | 9 | 337 | 682 | 10,598 |
| 1964 | 733 | 11,486 | 11 | 832 | $\because 6$ | 12,318 |
| Ont. ..... 1963 | 1,055 | 15,604 | 16 | 991 | 1,071 |  |
| 1964 | 1,014 | 15,485 | 22 | 1,019 | 1,036 | $16,504$ |
| Man . . . . 1963 | 164 |  | 4 | 235 | 168 | $2,522$ |
| 1964 | 199 | 2,496 | 6 | 2.51 | 205 | 2,747 |
| Sask. . . . 1963 | 159 | 2, 154 | 2 | 251 | 161 | 2,405 |
| 1964 | 136 | 2,200 | 3 | 264 | 139 | 2,464 |
| Alta. .... 1963 | 247 | $3,664$ | $10$ | $453$ | 257 | $4,117$ |
| 1964 | 268 | 3,859 | 10 | 422 | 278 | 4,281 |
| B.C. ..... 1963 | 224 | 4,012 | 19 | 588 | 243 | 4,600 |
| 1964 | 299 | 4,195 | 33 | 545 | 332 | 4,740 |
| Totals . 1963 | 2,738 | 40,518 | 64 | 3,601 | 2,802 | 44,119 |
| 1964 | 2,874 | 42,977 | 90 | 3,571 | 2,964 | 46,548 |

(1) Less than 500 gallons.

TABLE 14.-Production of Other Products in Ice Cream Industry, Canada, November and Cumulative January to November, 1963 and 1964.

| Year | Milkshake mix |  | Sherbet |  | Water ices |  | Ice milk |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nov. | Jan.-Nov. | November | J.a.-Nov。 | November | Jan. ${ }^{\text {Nov. }}$ | . O ember | Jan. - Nov |
|  | thousand gallons |  |  |  |  |  |  |  |
| 1963 | 21.6 | 343.1 | 29.4 | 532.9 | 45.7 | 2,014.4 | 33.4 | 457.3 |
| 1964 | 26.5 | 387.5 | 31.0 | 546.0 | 34.6 | 2,076.6 | 62.4 | 685.8 |

TABLE 15. Total Reported Domestic Sales of Skim Milk Powder with Related Price Data, Quebec and Ontario, November, 1964 (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 1b. | c per 1b. | ¢ per 1b. | 6 per 1 l . |
| Spray ........ | 3,140 | 12.3-16.8 | 14.93 | 14.6-15.0 |
| Roller | 505 | 10.8-13.8 | 13.65 | 13.6-14.0 |
| Feed | 135 | $11.3-14.8$ | 13.00 | 12.6 - 13.0 |
| Ontario: |  |  |  |  |
| Spray ........ | 6,845 | $9.8-16.8$ | 14.22 | 13.6-14.0 |
| Roller ....... | 1,086 | 12.8-15.3 | 13.90 | 14.1-14.5 |
| Feed ......... | 56 | $4.8-12.8$ | 10.57 | $10.1-10.5$ |

(1) At time of publication reports had not been received from 5 of 70 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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