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# MILK

## PRODUCTION, DISPOSITION, and INCOME

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U.S. DEPARTMENT OF AGRICULTURE  
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Crop Reporting Board

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## MILK

### Production, Disposition, and Income, 1960-61 1/

Milk production in the United States totaled 125,456 million pounds in 1961. This is 2 percent more than the revised 1960 production of 122,803 million pounds and slightly above the previous record high set in 1956. The 2-percent increase in 1961 followed a 1-percent gain from 1959 to 1960. Prior to 1960, milk production had declined for 3 years from the peak in 1956.

The increase in milk production in 1961 resulted from continued uptrend in output per cow, which advanced 3 percent from 1960 to a record high of 7,211 pounds. New record highs in milk per cow have been set each year since 1944, with an average gain of about 3 percent per year during the 17-year period.

The annual average number of milk cows on farms declined 1 percent to 17,398,000 in 1961, a record low in the series of estimates beginning in 1924. Milk cow numbers have been declining since 1944, except for a brief upturn in 1953. After dropping 4 or 5 percent annually between 1956 and 1959, the rate of decline in cow numbers has slowed down in the last 2 years. From 1959 to 1960, the decline was 2 percent and from 1960 to 1961, only 1 percent.

#### Whole milk to plants up 4 percent in 1961

In 1961, producers sold 108,158 million pounds of whole milk to plants and dealers, 4 percent more than in 1960. Whole milk sold to plants accounted for 86 percent of all milk produced in 1961, compared with 84 percent in 1960. The increase in whole milk sold is accentuated by declining use of milk on farms where produced, and, in some areas, by producers shifting from sale of farm-separated cream to sale of whole milk.

Milk separated on farms and sold as cream to plants totaled 6,924 million pounds in 1961 -- down 13 percent from 1960. Most of this decline occurred in the West North Central Region, which accounted for 81 percent of the farm-separated cream sold in the United States in 1961. Only 6 percent of the milk produced in the Nation in 1961 was separated for sale as cream, compared with 16 percent 10 years earlier.

Sales of milk and cream by producers directly to consumers in 1961 are estimated at 1,940 million pounds, 4 percent less than in 1960. Direct retail marketing by producers accounted for less than 2 percent of all milk produced in 1961.

(Continued on page 15)

1/ This report was prepared by G. G. Butler and C. W. LeGrande, Agricultural Statisticians, under the direction of I. E. Wissinger, Chief, Dairy Statistics Branch, Agricultural Estimates Division, Statistical Reporting Service.

Table 1.-Milk cows and production of milk, milkfat, and butter on farms, United States, 1951-61

| Year         | Number of milk cows on farms<br>1/ | Production of milk and milkfat 2/ |         |  |                |                | Butter churned on farms |  |
|--------------|------------------------------------|-----------------------------------|---------|--|----------------|----------------|-------------------------|--|
|              |                                    | Per milk cow                      |         | Percentage of fat in all milk produced | Total          |                |                         |  |
|              |                                    | Milk                              | Milkfat |  | Milk           | Milkfat        |                         |  |
|              | Thousands                          | Pounds                            | Pounds  | Percent                                | Million pounds | Million pounds | 1,000 pounds            |  |
| 1951.....    | 21,505                             | 5,333                             | 210     | 3.93                                   | 114,681        | 4,509          | 240,380                 |  |
| 1952.....    | 21,338                             | 5,374                             | 210     | 3.90                                   | 114,671        | 4,476          | 213,520                 |  |
| 1953.....    | 21,691                             | 5,542                             | 215     | 3.87                                   | 120,221        | 4,655          | 194,770                 |  |
| 1954.....    | 21,581                             | 5,657                             | 219     | 3.86                                   | 122,094        | 4,717          | 178,990                 |  |
| 1955.....    | 21,044                             | 5,842                             | 225     | 3.84                                   | 122,945        | 4,726          | 162,070                 |  |
| 1956.....    | 20,501                             | 6,090                             | 233     | 3.82                                   | 124,860        | 4,773          | 139,810                 |  |
| 1957.....    | 19,774                             | 6,303                             | 240     | 3.81                                   | 124,628        | 4,744          | 119,354                 |  |
| 1958.....    | 18,711                             | 6,585                             | 249     | 3.78                                   | 123,220        | 4,658          | 96,123                  |  |
| 1959.....    | 17,901                             | 6,815                             | 256     | 3.76                                   | 121,989        | 4,588          | 76,307                  |  |
| 1960.....    | 17,543                             | 7,000                             | 263     | 3.76                                   | 122,803        | 4,617          | 62,206                  |  |
| 1961 3/..... | 17,398                             | 7,211                             | 270     | 3.75                                   | 125,456        | 4,705          | 51,686                  |  |

1/ Average number on farms during year excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Preliminary.

Table 2.-Milk used and marketed by farmers, United States, 1951-61

*[In millions of pounds]*

| Year         | Milk used on farms where produced |                                 |                              |        | Milk marketed by farmers   |                       |   |         |
|--------------|-----------------------------------|---------------------------------|------------------------------|--------|----------------------------|-----------------------|---|---------|
|              | Fed to calves<br>1/               | Consumed as fluid milk or cream | Used for farm-churned butter | Total  | Sold to plants and dealers |                       | Retailed by farmers as milk and cream<br>2/ | Total   |
|              |                                   |                                 |                              |        | As whole milk              | As farm-skimmed cream |   |         |
| 1951.....    | 3,449                             | 9,738                           | 4,746                        | 17,933 | 74,480                     | 18,530                | 3,738                                       | 96,748  |
| 1952.....    | 3,348                             | 9,436                           | 4,215                        | 16,999 | 77,301                     | 16,853                | 3,518                                       | 97,672  |
| 1953.....    | 3,334                             | 8,902                           | 3,876                        | 16,112 | 84,567                     | 16,334                | 3,208                                       | 104,109 |
| 1954.....    | 3,344                             | 8,474                           | 3,562                        | 15,380 | 87,874                     | 15,910                | 2,930                                       | 106,714 |
| 1955.....    | 3,266                             | 8,114                           | 3,245                        | 14,625 | 90,960                     | 14,688                | 2,672                                       | 108,320 |
| 1956.....    | 3,119                             | 7,694                           | 2,814                        | 13,627 | 95,521                     | 13,264                | 2,448                                       | 111,233 |
| 1957.....    | 2,950                             | 7,003                           | 2,428                        | 12,381 | 98,284                     | 11,669                | 2,294                                       | 112,247 |
| 1958.....    | 2,767                             | 6,393                           | 1,987                        | 11,147 | 99,626                     | 10,280                | 2,167                                       | 112,073 |
| 1959.....    | 2,658                             | 5,776                           | 1,602                        | 10,036 | 100,809                    | 9,073                 | 2,071                                       | 111,953 |
| 1960.....    | 2,550                             | 5,313                           | 1,322                        | 9,185  | 103,664                    | 7,942                 | 2,012                                       | 113,618 |
| 1961 3/..... | 2,466                             | 4,856                           | 1,112                        | 8,434  | 108,158                    | 6,924                 | 1,940                                       | 117,022 |

1/ Excludes milk sucked by calves.

2/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

3/ Preliminary.

Table 3.-Milk and cream marketed by farmers: Quantity, price, and cash receipts,  
United States, 1951-61

| Year                 | Milk sold to plants<br>and dealers |                         |                  | Cream sold to plants<br>and dealers |                            |                  | Milk and cream<br>retailed by farmers |                       |                  |
|----------------------|------------------------------------|-------------------------|------------------|-------------------------------------|----------------------------|------------------|---------------------------------------|-----------------------|------------------|
|                      | Quantity                           | Price<br>per<br>100 lb. | Cash<br>receipts | Quantity                            | Price<br>per<br>lb.<br>fat | Cash<br>receipts | Quantity                              | Price<br>per<br>quart | Cash<br>receipts |
| 1951.....            | Mil. lb.                           | Dol.                    | 1,000 dol.       | 1,000 lb.                           | Ct.                        | 1,000 dol.       | Mil. qt.                              | Ct.                   | 1,000 dol.       |
| 1951.....            | 74,480                             | 4.58                    | 3,412,603        | 696,930                             | 71.2                       | 496,096          | 1,736                                 | 19.9                  | 345,799          |
| 1952.....            | 77,301                             | 4.85                    | 3,752,084        | 632,900                             | 75.0                       | 474,797          | 1,638                                 | 20.8                  | 340,241          |
| 1953.....            | 84,567                             | 4.32                    | 3,650,749        | 605,520                             | 66.5                       | 402,826          | 1,496                                 | 20.9                  | 312,255          |
| 1954.....            | 87,874                             | 3.97                    | 3,487,085        | 589,700                             | 58.7                       | 346,355          | 1,365                                 | 20.6                  | 280,666          |
| 1955.....            | 90,960                             | 4.01                    | 3,643,878        | 544,680                             | 57.8                       | 314,848          | 1,245                                 | 20.8                  | 258,407          |
| 1956.....            | 95,521                             | 4.14                    | 3,953,802        | 492,300                             | 59.4                       | 292,658          | 1,139                                 | 21.0                  | 239,030          |
| 1957.....            | 98,284                             | 4.21                    | 4,137,026        | 434,890                             | 60.6                       | 263,578          | 1,066                                 | 21.3                  | 227,438          |
| 1958.....            | 99,626                             | 4.13                    | 4,114,048        | 382,340                             | 59.3                       | 226,917          | 1,011                                 | 21.3                  | 215,541          |
| 1959.....            | 100,809                            | 4.16                    | 4,195,492        | 335,560                             | 60.1                       | 201,769          | 961                                   | 21.5                  | 206,242          |
| 1960.....            | 103,664                            | 4.21                    | 4,359,784        | 292,650                             | 60.5                       | 177,045          | 937                                   | 21.7                  | 203,298          |
| 1961 <u>1/</u> ..... | 108,158                            | 4.22                    | 4,560,008        | 255,050                             | 60.8                       | 155,088          | 904                                   | 21.7                  | 196,255          |

1/ Preliminary.

Table 4.-Farm marketings, income, and value of dairy products, United States, 1951-61

| Year                 | Combined marketings of milk and cream |                           |                         |  | Used for milk,<br>cream and butter<br>on farms where<br>produced |                    | Gross<br>farm<br>income<br>from<br>dairy<br>products <u>3/</u> | Farm<br>value<br>of<br>milk<br>produced<br><u>4/</u> |
|----------------------|---------------------------------------|---------------------------|-------------------------|--|--|--------------------|--|--|
|                      | Milk<br>utilized                      | Average returns <u>1/</u> |                         | Cash<br>receipts<br>from<br>marketings | Milk<br>utilized   | Value<br><u>2/</u> |  |  |
|                      |                                       | Per 100<br>pounds<br>milk | Per<br>pound<br>milkfat |  |  |                    |  |  |
| 1951.....            | Mil. lb.                              | Dol.                      | Dol.                    | 1,000 dol.                             | Mil. lb.   | 1,000 dol.         | 1,000 dol.   | 1,000 dol.   |
| 1951.....            | 96,748                                | 4.40                      | 1.12                    | 4,254,498                              | 14,484   | 707,064            | 4,961,562  | 5,108,110  |
| 1952.....            | 97,672                                | 4.68                      | 1.20                    | 4,567,122                              | 13,651   | 706,473            | 5,273,595  | 5,425,543  |
| 1953.....            | 104,109                               | 4.19                      | 1.08                    | 4,365,830                              | 12,778   | 599,755            | 4,965,585  | 5,101,819  |
| 1954.....            | 106,714                               | 3.86                      | 1.00                    | 4,114,106                              | 12,036   | 518,103            | 4,632,209  | 4,757,279  |
| 1955.....            | 108,320                               | 3.89                      | 1.01                    | 4,217,133                              | 11,359   | 494,808            | 4,711,941  | 4,834,842  |
| 1956.....            | 111,233                               | 4.03                      | 1.05                    | 4,485,490                              | 10,508   | 468,451            | 4,953,941  | 5,075,318  |
| 1957.....            | 112,247                               | 4.12                      | 1.08                    | 4,628,042                              | 9,431  | 422,524            | 5,050,566  | 5,166,860  |
| 1958.....            | 112,073                               | 4.07                      | 1.08                    | 4,556,506                              | 8,380  | 373,267            | 4,929,773  | 5,037,729  |
| 1959.....            | 111,953                               | 4.11                      | 1.09                    | 4,603,503                              | 7,378  | 328,718            | 4,932,221  | 5,037,223  |
| 1960.....            | 113,618                               | 4.17                      | 1.11                    | 4,740,127                              | 6,635  | 297,049            | 5,037,176  | 5,139,089  |
| 1961 <u>5/</u> ..... | 117,022                               | 4.20                      | 1.12                    | 4,911,351                              | 5,968  | 265,902            | 5,177,253  | 5,277,154  |

1/ Cash receipts divided by milk or milkfat represented in combined marketings.

2/ Computed at average returns per 100 pounds for milk in products marketed.

3/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

4/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

5/ Preliminary.

Table 5.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1961 1/

| State<br>and<br>division | Number of<br>milk cows<br>on farms<br>2/ | Production of milk and milkfat 3/ |         |  |          |         | Butter<br>churned<br>on<br>farms |  |
|--------------------------|--|-----------------------------------|---------|--|----------|---------|----------------------------------|--|
|                          |  | Per milk cow                      |         | Percentage<br>of fat in all<br>milk produced | Total    |         |                                  |  |
|                          |  | Milk                              | Milkfat |  | Mil. lb. | Milkfat |                                  |  |
| Me. ....                 | 94                                       | 7,600                             | 304     | 4.00   | 714      | 29      | 900                              |  |
| N. H. ....               | 51                                       | 7,600                             | 300     | 3.95   | 388      | 15      | 170                              |  |
| Vt. ....                 | 262                                      | 7,550                             | 298     | 3.95   | 1,978    | 78      | 120                              |  |
| Mass. ....               | 94                                       | 8,300                             | 315     | 3.80   | 780      | 30      | 65                               |  |
| R. I. ....               | 14                                       | 9,000                             | 338     | 3.75   | 126      | 5       | 6                                |  |
| Conn. ....               | 88                                       | 8,550                             | 321     | 3.75   | 752      | 28      | 60                               |  |
| N. Y. ....               | 1,253                                    | 8,440                             | 304     | 3.60   | 10,575   | 381     | 400                              |  |
| N. J. ....               | 128                                      | 9,110                             | 333     | 3.65   | 1,166    | 43      | 45                               |  |
| Pa. ....                 | 882                                      | 7,820                             | 293     | 3.75   | 6,897    | 259     | 1,000                            |  |
| N. Atl. ....             | 2,866                                    | 8,156                             | 303     | 3.71   | 23,376   | 868     | 2,766                            |  |
| Ohio.....                | 673                                      | 8,050                             | 302     | 3.75   | 5,418    | 203     | 850                              |  |
| Ind. ....                | 421                                      | 7,640                             | 294     | 3.85   | 3,216    | 124     | 400                              |  |
| Ill. ....                | 564                                      | 7,570                             | 276     | 3.65   | 4,269    | 156     | 600                              |  |
| Mich. ....               | 642                                      | 8,250                             | 305     | 3.70   | 5,296    | 196     | 420                              |  |
| Wis. ....                | 2,140                                    | 8,410                             | 311     | 3.70   | 17,997   | 666     | 160                              |  |
| E. N. Cent. ....         | 4,440                                    | 8,152                             | 303     | 3.72   | 36,196   | 1,345   | 2,430                            |  |
| Minn. ....               | 1,278                                    | 8,130                             | 285     | 3.50   | 10,390   | 364     | 340                              |  |
| Iowa....                 | 854                                      | 7,100                             | 263     | 3.70   | 6,063    | 224     | 900                              |  |
| Mo. ....                 | 657                                      | 5,760                             | 233     | 4.05   | 3,784    | 153     | 2,400                            |  |
| N. Dak. ....             | 274                                      | 6,350                             | 225     | 3.55   | 1,740    | 62      | 1,000                            |  |
| S. Dak. ....             | 244                                      | 5,910                             | 210     | 3.55   | 1,442    | 51      | 460                              |  |
| Nebr. ....               | 318                                      | 6,300                             | 227     | 3.60   | 2,003    | 72      | 1,000                            |  |
| Kans. ....               | 328                                      | 6,100                             | 229     | 3.75   | 2,001    | 75      | 1,200                            |  |
| W. N. Cent. ....         | 3,953                                    | 6,937                             | 253     | 3.65   | 27,423   | 1,001   | 7,300                            |  |
| Del. ....                | 25                                       | 7,400                             | 274     | 3.70   | 185      | 7       | 25                               |  |
| Md. ....                 | 218                                      | 7,080                             | 262     | 3.70   | 1,543    | 57      | 300                              |  |
| Va. ....                 | 334                                      | 6,060                             | 236     | 3.90   | 2,024    | 79      | 3,500                            |  |
| W. Va. ....              | 125                                      | 5,120                             | 200     | 3.90   | 640      | 25      | 1,600                            |  |
| N. C. ....               | 272                                      | 5,930                             | 231     | 3.90   | 1,613    | 63      | 5,300                            |  |
| S. C. ....               | 106                                      | 5,090                             | 201     | 3.95   | 540      | 21      | 1,400                            |  |
| Ga. ....                 | 209                                      | 4,940                             | 195     | 3.95   | 1,032    | 41      | 2,900                            |  |
| Fla. ....                | 192                                      | 6,750                             | 270     | 4.00   | 1,296    | 52      | 210                              |  |
| S. Atl. ....             | 1,481                                    | 5,991                             | 233     | 3.89   | 8,873    | 345     | 15,235                           |  |
| Ky. ....                 | 500                                      | 5,200                             | 211     | 4.05   | 2,600    | 105     | 2,800                            |  |
| Tenn. ....               | 489                                      | 4,800                             | 199     | 4.15   | 2,347    | 97      | 3,500                            |  |
| Ala. ....                | 239                                      | 4,000                             | 158     | 3.95   | 956      | 38      | 4,100                            |  |
| Miss. ....               | 351                                      | 3,620                             | 152     | 4.20   | 1,271    | 53      | 3,400                            |  |
| Ark. ....                | 216                                      | 4,350                             | 176     | 4.05   | 940      | 38      | 2,100                            |  |
| La. ....                 | 231                                      | 3,840                             | 157     | 4.10   | 887      | 36      | 1,100                            |  |
| Okla. ....               | 248                                      | 6,000                             | 228     | 3.80   | 1,488    | 57      | 1,150                            |  |
| Tex. ....                | 553                                      | 5,380                             | 207     | 3.85   | 2,975    | 115     | 2,300                            |  |
| S. Cent. ....            | 2,827                                    | 4,763                             | 191     | 4.00   | 13,464   | 539     | 20,450                           |  |
| Mont. ....               | 76                                       | 5,920                             | 219     | 3.70   | 450      | 17      | 600                              |  |
| Idaho....                | 200                                      | 8,320                             | 312     | 3.75   | 1,664    | 62      | 320                              |  |
| Wyo. ....                | 29                                       | 6,280                             | 223     | 3.55   | 182      | 6       | 220                              |  |
| Colo. ....               | 119                                      | 6,930                             | 253     | 3.65   | 825      | 30      | 480                              |  |
| N. Mex. ....             | 41                                       | 6,420                             | 238     | 3.70   | 263      | 10      | 170                              |  |
| Ariz. ....               | 50                                       | 9,500                             | 342     | 3.60   | 475      | 17      | 55                               |  |
| Utah. ....               | 94                                       | 8,180                             | 299     | 3.65   | 769      | 28      | 160                              |  |
| Nev. ....                | 15                                       | 7,530                             | 271     | 3.60   | 113      | 4       | 40                               |  |
| Wash. ....               | 237                                      | 8,550                             | 342     | 4.00   | 2,026    | 81      | 630                              |  |
| Oreg. ....               | 157                                      | 7,140                             | 300     | 4.20   | 1,121    | 47      | 500                              |  |
| Calif. ....              | 813                                      | 10,130                            | 375     | 3.70   | 8,236    | 305     | 330                              |  |
| West. ....               | 1,831                                    | 8,806                             | 332     | 3.76   | 16,124   | 607     | 3,505                            |  |
| U. S. ....               | 17,398                                   | 7,211                             | 270     | 3.75   | 125,456  | 4,705   | 51,686                           |  |

1/ Preliminary.

2/ Average number on farms during year, excluding heifers not yet fresh.

3/ Excludes milk sucked by calves.

Table 6.-Milk used and marketed by farmers, by States, 1961 1/  
In millions of pounds

| State<br>and<br>division | Milk used on farms where produced |  |  |       | Milk marketed by farmers      |                              |  | Total   |  |
|--------------------------|-----------------------------------|--|--|-------|-------------------------------|------------------------------|--|---------|--|
|                          | Fed<br>to<br>calves<br>2/         | Consumed<br>as fluid<br>milk or<br>cream | Used for<br>farm-<br>churned<br>butter | Total | Sold to plants<br>and dealers |                              | Retailed<br>by farmers<br>as milk<br>and cream<br>3/ |         |  |
|                          |                                   |  |  |       | As<br>whole<br>milk           | As farm-<br>skimmed<br>cream |  |         |  |
| Me. ....                 | 10                                | 30                                       | 19                                     | 59    | 615                           | -                            | 40   | 655     |  |
| N. H. ....               | 6                                 | 12                                       | 4                                      | 22    | 345                           | -                            | 21   | 366     |  |
| Vt. ....                 | 29                                | 27                                       | 3                                      | 59    | 1,897                         | -                            | 22   | 1,919   |  |
| Mass. ....               | 9                                 | 15                                       | 1                                      | 25    | 700                           | -                            | 55   | 755     |  |
| R. I. ....               | 2                                 | 2  | -                                      | 4     | 116                           | -                            | 6  | 122     |  |
| Conn. ....               | 12                                | 15                                       | 1                                      | 28    | 680                           | -                            | 44   | 724     |  |
| N. Y. ....               | 177                               | 171                                      | 9                                      | 357   | 10,049                        | 37                           | 132  | 10,218  |  |
| N. J. ....               | 14                                | 17                                       | 1                                      | 32    | 1,082                         | -                            | 52   | 1,134   |  |
| Pa. ....                 | 90                                | 208                                      | 23                                     | 321   | 6,440                         | 50                           | 86   | 6,576   |  |
| N. Atl. ....             | 349                               | 497                                      | 61                                     | 907   | 21,924                        | 87                           | 458  | 22,469  |  |
| Ohio....                 | 104                               | 172                                      | 19                                     | 295   | 5,055                         | 35                           | 33   | 5,123   |  |
| Ind. ....                | 53                                | 110                                      | 9                                      | 172   | 2,930                         | 100                          | 14   | 3,044   |  |
| Ill. ....                | 61                                | 149                                      | 14                                     | 224   | 3,935                         | 80                           | 30   | 4,045   |  |
| Mich. ....               | 125                               | 143                                      | 10                                     | 278   | 4,820                         | 180                          | 18   | 5,018   |  |
| Wis. ....                | 530                               | 302                                      | 4                                      | 836   | 17,100                        | 32                           | 29   | 17,161  |  |
| E. N. Cent. ....         | 873                               | 876                                      | 56                                     | 1,805 | 33,840                        | 427                          | 124  | 34,391  |  |
| Minn. ....               | 191                               | 203                                      | 8                                      | 402   | 9,080                         | 890                          | 18   | 9,988   |  |
| Iowa....                 | 148                               | 208                                      | 21                                     | 377   | 4,155                         | 1,500                        | 31   | 5,686   |  |
| Mo. ....                 | 64                                | 231                                      | 49                                     | 344   | 3,210                         | 200                          | 30   | 3,440   |  |
| N. Dak. ....             | 42                                | 70                                       | 25                                     | 137   | 345                           | 1,250                        | 8  | 1,603   |  |
| S. Dak. ....             | 35                                | 62                                       | 11                                     | 108   | 750                           | 580                          | 4  | 1,334   |  |
| Nebr. ....               | 60                                | 99                                       | 23                                     | 182   | 915                           | 900                          | 6  | 1,821   |  |
| Kans. ....               | 56                                | 107                                      | 27                                     | 190   | 1,470                         | 300                          | 41   | 1,811   |  |
| W. N. Cent. ....         | 596                               | 980                                      | 164                                    | 1,740 | 19,925                        | 5,620                        | 138  | 25,683  |  |
| Del. ....                | 3                                 | 6  | 1                                      | 10    | 173                           | -                            | 2  | 175     |  |
| Md. ....                 | 20                                | 36                                       | 7                                      | 63    | 1,455                         | 2                            | 23   | 1,480   |  |
| Va. ....                 | 44                                | 174                                      | 77                                     | 295   | 1,625                         | 75                           | 29   | 1,729   |  |
| W. Va. ....              | 14                                | 102                                      | 35                                     | 151   | 435                           | 25                           | 29   | 489     |  |
| N. C. ....               | 27                                | 238                                      | 113                                    | 378   | 1,200                         | 4                            | 31   | 1,235   |  |
| S. C. ....               | 6                                 | 60                                       | 30                                     | 96    | 432                           | -                            | 12   | 444     |  |
| Ga. ....                 | 11                                | 104                                      | 62                                     | 177   | 800                           | -                            | 55   | 855     |  |
| Fla. ....                | 8                                 | 19                                       | 4                                      | 31    | 1,225                         | -                            | 40   | 1,265   |  |
| S. Atl. ....             | 133                               | 739                                      | 329                                    | 1,201 | 7,345                         | 106                          | 221  | 7,672   |  |
| Ky. ....                 | 39                                | 277                                      | 58                                     | 374   | 2,140                         | 35                           | 51   | 2,226   |  |
| Tenn. ....               | 30                                | 221                                      | 70                                     | 321   | 1,995                         | 6                            | 25   | 2,026   |  |
| Ala. ....                | 12                                | 148                                      | 86                                     | 246   | 672                           | 2                            | 36   | 710     |  |
| Miss. ....               | 13                                | 157                                      | 68                                     | 238   | 1,020                         | -                            | 13   | 1,033   |  |
| Ark. ....                | 11                                | 101                                      | 44                                     | 156   | 755                           | 15                           | 14   | 784     |  |
| La. ....                 | 9                                 | 111                                      | 23                                     | 143   | 734                           | -                            | 10   | 744     |  |
| Okla. ....               | 28                                | 103                                      | 26                                     | 157   | 1,160                         | 150                          | 21   | 1,331   |  |
| Tex. ....                | 32                                | 198                                      | 50                                     | 280   | 2,610                         | 25                           | 60   | 2,695   |  |
| S. Cent. ....            | 174                               | 1,316                                    | 425                                    | 1,915 | 11,086                        | 233                          | 230  | 11,549  |  |
| Mont. ....               | 14                                | 47                                       | 13                                     | 74    | 240                           | 130                          | 6  | 376     |  |
| Idaho....                | 48                                | 58                                       | 7                                      | 113   | 1,493                         | 42                           | 16   | 1,551   |  |
| Wyo. ....                | 5                                 | 19                                       | 5                                      | 29    | 114                           | 35                           | 4  | 153     |  |
| Colo. ....               | 28                                | 50                                       | 11                                     | 89    | 620                           | 102                          | 14   | 736     |  |
| N. Mex. ....             | 5                                 | 19                                       | 4                                      | 28    | 227                           | 3                            | 5  | 235     |  |
| Ariz. ....               | 8                                 | 12                                       | 1                                      | 21    | 449                           | -                            | 5  | 454     |  |
| Utah....                 | 17                                | 32                                       | 4                                      | 53    | 696                           | 10                           | 10   | 716     |  |
| Nev. ....                | 3                                 | 3  | 1                                      | 7     | 101                           | 5                            | -  | 106     |  |
| Wash. ....               | 50                                | 72                                       | 13                                     | 135   | 1,810                         | 45                           | 36   | 1,891   |  |
| Oreg. ....               | 35                                | 56                                       | 10                                     | 101   | 928                           | 62                           | 30   | 1,020   |  |
| Calif. ....              | 128                               | 80                                       | 8                                      | 216   | 7,360                         | 17                           | 643  | 8,020   |  |
| West. ....               | 341                               | 448                                      | 77                                     | 866   | 14,038                        | 451                          | 769  | 15,258  |  |
| U. S. ....               | 2,466                             | 4,856                                    | 1,112                                  | 8,434 | 108,158                       | 6,924                        | 1,940  | 117,022 |  |

1/ Preliminary.

2/ Excludes milk sucked by calves.

3/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 7.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1961 1/

| State<br>and<br>division | Milk sold to plants<br>and dealers |                                 |                                | Cream sold to plants<br>and dealers |                                |                                | Milk and cream<br>retailed by farmers   |                              |                                |
|--------------------------|------------------------------------|---------------------------------|--------------------------------|-------------------------------------|--------------------------------|--------------------------------|---|------------------------------|--------------------------------|
|                          | Quantity<br>Mil. lb.               | Price<br>per<br>100 lb.<br>Dol. | Cash<br>receipts<br>1,000 dol. | Quantity<br>milkfat<br>1,000 lb.    | Price<br>per lb.<br>fat<br>Ct. | Cash<br>receipts<br>1,000 dol. | Quantity,<br>milk<br>equiv.<br>Mil. qt. | Price<br>per<br>quart<br>Ct. | Cash<br>receipts<br>1,000 dol. |
| Me. ....                 | 615                                | 5.29                            | 32,534                         | -                                   | -                              | -                              | 19                                      | 24.0                         | 4,560                          |
| N. H. ....               | 345                                | 5.39                            | 18,596                         | -                                   | -                              | -                              | 10                                      | 24.6                         | 2,460                          |
| Vt. ....                 | 1,897                              | 4.81                            | 91,246                         | -                                   | -                              | -                              | 10                                      | 22.9                         | 2,290                          |
| Mass. ....               | 700                                | 5.59                            | 39,130                         | -                                   | -                              | -                              | 26                                      | 25.6                         | 6,656                          |
| R. I. ....               | 116                                | 5.82                            | 6,751                          | -                                   | -                              | -                              | 3                                       | 25.6                         | 768                            |
| Conn. ....               | 680                                | 5.60                            | 38,080                         | -                                   | -                              | -                              | 20                                      | 26.0                         | 5,200                          |
| N. Y. ....               | 10,049                             | 4.40                            | 442,156                        | 1,420                               | 52                             | 738                            | 61                                      | 17.9                         | 10,919                         |
| N. J. ....               | 1,082                              | 5.21                            | 56,372                         | -                                   | -                              | -                              | 24                                      | 26.7                         | 6,408                          |
| Pa. ....                 | 6,440                              | 4.72                            | 303,968                        | 1,880                               | 55                             | 1,034                          | 40                                      | 20.5                         | 8,200                          |
| N. Atl. ....             | 21,924                             | 4.69                            | 1,028,833                      | 3,300                               | 53.7                           | 1,772                          | 213                                     | 22.3                         | 47,461                         |
| Ohio....                 | 5,055                              | 4.29                            | 216,860                        | 1,380                               | 50                             | 690                            | 15                                      | 22.0                         | 3,300                          |
| Ind. ....                | 2,930                              | 4.04                            | 118,372                        | 3,950                               | 52                             | 2,054                          | 7                                       | 21.4                         | 1,498                          |
| Ill. ....                | 3,935                              | 3.87                            | 152,284                        | 2,960                               | 51                             | 1,510                          | 14                                      | 20.6                         | 2,884                          |
| Mich. ....               | 4,820                              | 4.21                            | 202,922                        | 6,840                               | 61                             | 4,172                          | 8                                       | 22.2                         | 1,776                          |
| Wis. ....                | 17,100                             | 3.55                            | 607,050                        | 1,180                               | 66                             | 779                            | 13                                      | 22.5                         | 2,925                          |
| E. N. Cent. ....         | 33,840                             | 3.83                            | 1,297,488                      | 16,310                              | 56.4                           | 9,205                          | 57                                      | 21.7                         | 12,383                         |
| Minn. ....               | 9,030                              | 3.35                            | 304,180                        | 31,150                              | 66                             | 20,559                         | 8                                       | 18.9                         | 1,512                          |
| Iowa....                 | 4,155                              | 3.56                            | 147,918                        | 55,500                              | 64                             | 35,520                         | 14                                      | 19.9                         | 2,786                          |
| Mo. ....                 | 3,210                              | 3.82                            | 122,622                        | 8,300                               | 51                             | 4,233                          | 14                                      | 17.8                         | 2,492                          |
| N. Dak. ....             | 345                                | 3.48                            | 12,006                         | 44,380                              | 62                             | 27,516                         | 4                                       | 19.3                         | 772                            |
| S. Dak. ....             | 750                                | 3.46                            | 25,950                         | 20,590                              | 62                             | 12,766                         | 2                                       | 20.2                         | 404                            |
| Nebr. ....               | 915                                | 3.94                            | 36,051                         | 32,400                              | 60                             | 19,440                         | 3                                       | 20.3                         | 609                            |
| Kans. ....               | 1,470                              | 3.96                            | 58,212                         | 11,550                              | 56                             | 6,468                          | 19                                      | 17.9                         | 3,401                          |
| W. N. Cent. ....         | 19,925                             | 3.55                            | 706,939                        | 203,870                             | 62.1                           | 126,502                        | 64                                      | 18.7                         | 11,976                         |
| Del. ....                | 173                                | 4.83                            | 8,356                          | -                                   | -                              | -                              | 1                                       | 23.8                         | 238                            |
| Md. ....                 | 1,455                              | 4.85                            | 70,568                         | 80                                  | 49                             | 39                             | 11                                      | 24.7                         | 2,717                          |
| Va. ....                 | 1,625                              | 4.87                            | 79,138                         | 3,150                               | 47                             | 1,480                          | 13                                      | 22.8                         | 2,964                          |
| W. Va. ....              | 435                                | 4.73                            | 20,576                         | 1,060                               | 45                             | 477                            | 13                                      | 22.0                         | 2,860                          |
| N. C. ....               | 1,200                              | 5.52                            | 66,240                         | 180                                 | 50                             | 90                             | 14                                      | 19.1                         | 2,674                          |
| S. C. ....               | 432                                | 5.66                            | 24,451                         | -                                   | -                              | -                              | 6                                       | 22.5                         | 1,350                          |
| Ga. ....                 | 800                                | 5.86                            | 46,880                         | -                                   | -                              | -                              | 26                                      | 23.0                         | 5,980                          |
| Fla. ....                | 1,225                              | 6.57                            | 80,482                         | -                                   | -                              | -                              | 19                                      | 24.5                         | 4,655                          |
| S. Atl. ....             | 7,345                              | 5.40                            | 396,691                        | 4,470                               | 46.7                           | 2,086                          | 103                                     | 22.8                         | 23,438                         |
| Ky. ....                 | 2,140                              | 3.91                            | 83,674                         | 1,490                               | 49                             | 730                            | 24                                      | 21.2                         | 5,088                          |
| Tenn. ....               | 1,995                              | 4.19                            | 83,590                         | 260                                 | 49                             | 127                            | 12                                      | 18.1                         | 2,172                          |
| Ala. ....                | 672                                | 5.55                            | 37,296                         | 90                                  | 51                             | 46                             | 17                                      | 20.1                         | 3,417                          |
| Miss. ....               | 1,020                              | 4.74                            | 48,348                         | -                                   | -                              | -                              | 6                                       | 21.8                         | 1,308                          |
| Ark. ....                | 755                                | 4.42                            | 33,371                         | 640                                 | 49                             | 314                            | 7                                       | 20.5                         | 1,435                          |
| La. ....                 | 734                                | 5.71                            | 41,911                         | -                                   | -                              | -                              | 5                                       | 23.5                         | 1,175                          |
| Okla. ....               | 1,160                              | 4.54                            | 52,664                         | 6,150                               | 54                             | 3,321                          | 10                                      | 20.0                         | 2,000                          |
| Tex. ....                | 2,610                              | 5.17                            | 134,937                        | 1,050                               | 50                             | 525                            | 28                                      | 23.5                         | 6,580                          |
| S. Cent. ....            | 11,086                             | 4.65                            | 515,791                        | 9,680                               | 52.3                           | 5,063                          | 109                                     | 21.3                         | 23,175                         |
| Mont. ....               | 240                                | 4.37                            | 10,488                         | 4,940                               | 60                             | 2,964                          | 3                                       | 23.0                         | 690                            |
| Idaho....                | 1,493                              | 3.57                            | 53,300                         | 1,600                               | 59                             | 944                            | 7                                       | 21.0                         | 1,470                          |
| Wyo. ....                | 114                                | 4.06                            | 4,628                          | 1,220                               | 61                             | 744                            | 2                                       | 20.0                         | 400                            |
| Colo. ....               | 620                                | 4.66                            | 28,892                         | 3,770                               | 58                             | 2,187                          | 7                                       | 23.0                         | 1,610                          |
| N. Mex. ....             | 227                                | 5.09                            | 11,554                         | 110                                 | 58                             | 64                             | 2                                       | 23.3                         | 466                            |
| Ariz. ....               | 449                                | 5.08                            | 22,809                         | -                                   | -                              | -                              | 2                                       | 24.0                         | 480                            |
| Utah....                 | 696                                | 4.18                            | 29,093                         | 360                                 | 56                             | 202                            | 5                                       | 19.0                         | 950                            |
| Nev. ....                | 101                                | 5.02                            | 5,070                          | 180                                 | 64                             | 115                            | -                                       | -                            | -                              |
| Wash. ....               | 1,810                              | 4.48                            | 81,088                         | 1,890                               | 58                             | 1,096                          | 17                                      | 23.0                         | 3,910                          |
| Oreg. ....               | 928                                | 4.45                            | 41,296                         | 2,700                               | 64                             | 1,728                          | 14                                      | 23.3                         | 3,262                          |
| Calif. ....              | 7,360                              | 4.43                            | 326,048                        | 650                                 | 64                             | 416                            | 299                                     | 21.6                         | 64,584                         |
| West. ....               | 14,038                             | 4.38                            | 614,266                        | 17,420                              | 60.0                           | 10,460                         | 358                                     | 21.7                         | 77,822                         |
| U. S. ....               | 108,158                            | 4.22                            | 4,560,008                      | 255,050                             | 60.8                           | 155,088                        | 904                                     | 21.7                         | 196,255                        |

1/ Preliminary.

Table 8.-Farm marketings, income, and value of dairy products, by States, 1961 1/

| State<br>and<br>division | Combined marketings of milk and cream |                           |                         |  | Used for milk,<br>cream and butter<br>on farms where<br>produced |             | Gross<br>farm<br>income<br>from<br>dairy<br>products 4/ | Farm<br>value<br>of<br>milk<br>produced<br>5/ |
|--------------------------|---------------------------------------|---------------------------|-------------------------|--|--|-------------|---|---|
|                          | Milk<br>utilized                      | Average returns 2/        |                         | Cash<br>receipts<br>from<br>marketings | Milk<br>utilized   | Value<br>3/ | 1,000 dol.  | 1,000 dol.                                    |
|                          |                                       | Per 100<br>pounds<br>milk | Per<br>pound<br>milkfat |  |  |             |   |   |
|                          | Mil. lb.                              | Dol.                      | Dol.                    | 1,000 dol.                             | Mil. lb.   | 1,000 dol.  | 1,000 dol.  | 1,000 dol.                                    |
| Me. ....                 | 655                                   | 5.66                      | 1.42                    | 37,094                                 | 49   | 2,773       | 39,867  | 40,412  |
| N. H. ....               | 366                                   | 5.75                      | 1.46                    | 21,056                                 | 16   | 920         | 21,976  | 22,310  |
| Vt. ....                 | 1,919                                 | 4.87                      | 1.23                    | 93,536                                 | 30   | 1,461       | 94,997  | 96,329  |
| Mass. ....               | 755                                   | 6.06                      | 1.59                    | 45,786                                 | 16   | 970         | 46,756  | 47,268  |
| R. I. ....               | 122                                   | 6.16                      | 1.64                    | 7,519                                  | 2  | 123         | 7,642   | 7,762   |
| Conn. ....               | 724                                   | 5.98                      | 1.59                    | 43,280                                 | 16   | 957         | 44,237  | 44,970  |
| N. Y. ....               | 10,218                                | 4.44                      | 1.23                    | 453,813                                | 180  | 7,992       | 461,805   | 469,530                                       |
| N. J. ....               | 1,134                                 | 5.54                      | 1.52                    | 62,780                                 | 18   | 997         | 63,777  | 64,596  |
| Pa. ....                 | 6,576                                 | 4.76                      | 1.27                    | 313,202                                | 231  | 10,996      | 324,198   | 328,297                                       |
| N. Atl. ....             | 22,469                                | 4.80                      | 1.29                    | 1,078,066                              | 558  | 27,189      | 1,105,255   | 1,121,474                                     |
| Ohio.....                | 5,123                                 | 4.31                      | 1.15                    | 220,850                                | 191  | 8,232       | 229,082   | 233,516                                       |
| Ind. ....                | 3,044                                 | 4.01                      | 1.04                    | 121,924                                | 119  | 4,772       | 126,696   | 128,962                                       |
| Ill. ....                | 4,045                                 | 3.87                      | 1.06                    | 156,678                                | 163  | 6,308       | 162,986   | 165,210                                       |
| Mich. ....               | 5,018                                 | 4.16                      | 1.12                    | 208,870                                | 153  | 6,365       | 215,235   | 220,314                                       |
| Wis. ....                | 17,161                                | 3.56                      | .96                     | 610,754                                | 306  | 10,894      | 621,648   | 640,693                                       |
| E. N. Cent. ....         | 34,391                                | 3.84                      | 1.03                    | 1,319,076                              | 932  | 36,571      | 1,355,647   | 1,388,695                                     |
| Minn. ....               | 9,988                                 | 3.27                      | .93                     | 326,251                                | 211  | 6,900       | 333,151   | 339,753                                       |
| Iowa....                 | 5,686                                 | 3.28                      | .89                     | 186,224                                | 229  | 7,511       | 193,735   | 198,866                                       |
| Mo. ....                 | 3,440                                 | 3.76                      | .93                     | 129,347                                | 280  | 10,528      | 139,875   | 142,278                                       |
| N. Dak. ....             | 1,603                                 | 2.51                      | .71                     | 40,294                                 | 95   | 2,384       | 42,678  | 43,674  |
| S. Dak. ....             | 1,334                                 | 2.93                      | .83                     | 39,120                                 | 73   | 2,139       | 41,259  | 42,251  |
| Nebr. ....               | 1,821                                 | 3.08                      | .86                     | 56,100                                 | 122  | 3,758       | 59,858  | 61,692  |
| Kans. ....               | 1,811                                 | 3.76                      | 1.00                    | 68,081                                 | 134  | 5,038       | 73,119  | 75,238  |
| W. N. Cent. ....         | 25,683                                | 3.29                      | .90                     | 845,417                                | 1,144  | 38,258      | 883,675   | 903,752                                       |
| Del. ....                | 175                                   | 4.91                      | 1.33                    | 8,594                                  | 7  | 344         | 8,938   | 9,084   |
| Md. ....                 | 1,480                                 | 4.95                      | 1.34                    | 73,324                                 | 43   | 2,128       | 75,452  | 76,378  |
| Va. ....                 | 1,729                                 | 4.83                      | 1.24                    | 83,582                                 | 251  | 12,123      | 95,705  | 97,759  |
| W. Va. ....              | 489                                   | 4.89                      | 1.25                    | 23,913                                 | 137  | 6,699       | 30,612  | 31,296  |
| N. C. ....               | 1,235                                 | 5.59                      | 1.43                    | 69,004                                 | 351  | 19,621      | 88,625  | 90,167  |
| S. C. ....               | 444                                   | 5.81                      | 1.47                    | 25,801                                 | 90   | 5,229       | 31,030  | 31,374  |
| Ga. ....                 | 855                                   | 6.18                      | 1.56                    | 52,860                                 | 166  | 10,259      | 63,119  | 63,778  |
| Fla. ....                | 1,265                                 | 6.73                      | 1.68                    | 85,137                                 | 23   | 1,548       | 86,685  | 87,221  |
| S. Atl. ....             | 7,672                                 | 5.50                      | 1.41                    | 422,215                                | 1,068  | 57,951      | 480,166   | 487,057                                       |
| Ky. ....                 | 2,226                                 | 4.02                      | .99                     | 89,492                                 | 335  | 13,467      | 102,959   | 104,520                                       |
| Tenn. ....               | 2,026                                 | 4.24                      | 1.02                    | 85,889                                 | 291  | 12,338      | 98,227  | 99,513  |
| Ala. ....                | 710                                   | 5.74                      | 1.45                    | 40,759                                 | 234  | 13,432      | 54,191  | 54,874  |
| Miss. ....               | 1,033                                 | 4.81                      | 1.15                    | 49,656                                 | 225  | 10,822      | 60,478  | 61,135  |
| Ark. ....                | 784                                   | 4.48                      | 1.11                    | 35,120                                 | 145  | 6,496       | 41,616  | 42,112  |
| La. ....                 | 744                                   | 5.79                      | 1.41                    | 43,086                                 | 134  | 7,759       | 50,845  | 51,357  |
| Okla. ....               | 1,331                                 | 4.36                      | 1.15                    | 57,985                                 | 129  | 5,624       | 63,609  | 64,877  |
| Tex. ....                | 2,695                                 | 5.27                      | 1.37                    | 142,042                                | 248  | 13,070      | 155,112   | 156,782                                       |
| S. Cent. ....            | 11,549                                | 4.71                      | 1.18                    | 544,029                                | 1,741  | 83,008      | 627,037   | 635,170                                       |
| Mont. ....               | 376                                   | 3.76                      | 1.02                    | 14,142                                 | 60   | 2,256       | 16,398  | 16,920  |
| Idaho....                | 1,551                                 | 3.59                      | .96                     | 55,714                                 | 65   | 2,334       | 58,048  | 59,738  |
| Wyo. ....                | 153                                   | 3.77                      | 1.06                    | 5,772                                  | 24   | 905         | 6,677   | 6,861   |
| Colo. ....               | 736                                   | 4.44                      | 1.22                    | 32,689                                 | 61   | 2,708       | 35,397  | 36,630  |
| N. Mex. ....             | 235                                   | 5.14                      | 1.39                    | 12,084                                 | 23   | 1,182       | 13,266  | 13,518  |
| Ariz. ....               | 454                                   | 5.13                      | 1.42                    | 23,289                                 | 13   | 667         | 23,956  | 24,368  |
| Utah. ....               | 716                                   | 4.22                      | 1.16                    | 30,245                                 | 36   | 1,519       | 31,764  | 32,452  |
| Nev. ....                | 106                                   | 4.89                      | 1.36                    | 5,185                                  | 4  | 196         | 5,381   | 5,526   |
| Wash. ....               | 1,891                                 | 4.55                      | 1.14                    | 86,094                                 | 85   | 3,868       | 89,962  | 92,183  |
| Oreg. ....               | 1,020                                 | 4.54                      | 1.08                    | 46,286                                 | 66   | 2,996       | 49,282  | 50,893  |
| Calif. ....              | 8,020                                 | 4.88                      | 1.32                    | 391,048                                | 88   | 4,294       | 395,342   | 401,917                                       |
| West. ....               | 15,258                                | 4.60                      | 1.22                    | 702,548                                | 525  | 22,925      | 725,473   | 741,006                                       |
| U. S. ....               | 117,022                               | 4.20                      | 1.12                    | 4,911,351                              | 5,968  | 265,902     | 5,177,253   | 5,277,154                                     |

1/ Preliminary. 2/ Cash receipts divided by milk or milkfat represented in combined marketings.

3/ Computed at average returns per 100 pounds for milk in products marketed.

4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

5/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 9.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1960

| State<br>and<br>division | Number of<br>milk cows<br>on farms<br><u>1/</u> | Production of milk and milkfat <u>2/</u> |         |  |          |          | Butter<br>churned<br>on<br>farms |  |
|--------------------------|---|--|---------|--|----------|----------|----------------------------------|--|
|                          |   | Per milk cow                             |         | Percentage<br>of fat in all<br>milk produced | Total    |          |                                  |  |
|                          |   | Milk                                     | Milkfat |  | Mil. lb. | Mil. lb. |                                  |  |
| Me. ....                 | 95  | 7,400                                    | 296     | 4.00   | 703      | 28       | 1,250                            |  |
| N. H. ....               | 51  | 7,400                                    | 292     | 3.95   | 377      | 15       | 220                              |  |
| Vt. ....                 | 258   | 7,420                                    | 293     | 3.95   | 1,914    | 76       | 160                              |  |
| Mass. ....               | 94  | 8,000                                    | 304     | 3.80   | 752      | 29       | 90                               |  |
| R. I. ....               | 14  | 8,800                                    | 330     | 3.75   | 123      | 5        | 6                                |  |
| Conn. ....               | 89  | 8,400                                    | 315     | 3.75   | 748      | 28       | 80                               |  |
| N. Y. ....               | 1,248   | 8,150                                    | 293     | 3.60   | 10,171   | 366      | 490                              |  |
| N. J. ....               | 132   | 9,010                                    | 329     | 3.65   | 1,189    | 43       | 50                               |  |
| Pa. ....                 | 884   | 7,700                                    | 289     | 3.75   | 6,807    | 255      | 1,400                            |  |
| N. Atl. ....             | 2,865   | 7,953                                    | 295     | 3.71   | 22,784   | 845      | 3,746                            |  |
| Ohio....                 | 688   | 7,540                                    | 287     | 3.80   | 5,188    | 197      | 1,000                            |  |
| Ind. ....                | 431   | 7,310                                    | 285     | 3.90   | 3,151    | 123      | 450                              |  |
| Ill. ....                | 570   | 7,420                                    | 275     | 3.70   | 4,229    | 156      | 700                              |  |
| Mich. ....               | 641   | 8,070                                    | 299     | 3.70   | 5,173    | 191      | 570                              |  |
| Wis. ....                | 2,141   | 8,270                                    | 306     | 3.70   | 17,706   | 655      | 200                              |  |
| E. N. Cent. ....         | 4,471   | 7,928                                    | 296     | 3.73   | 35,447   | 1,322    | 2,920                            |  |
| Minn. ....               | 1,265   | 8,030                                    | 281     | 3.50   | 10,158   | 356      | 400                              |  |
| Iowa....                 | 851   | 6,880                                    | 255     | 3.70   | 5,855    | 217      | 1,100                            |  |
| Mo. ....                 | 658   | 5,640                                    | 228     | 4.05   | 3,711    | 150      | 2,700                            |  |
| N. Dak. ....             | 277   | 6,250                                    | 219     | 3.50   | 1,731    | 61       | 1,200                            |  |
| S. Dak. ....             | 248   | 5,620                                    | 200     | 3.55   | 1,394    | 49       | 500                              |  |
| Nebr. ....               | 327   | 6,050                                    | 218     | 3.60   | 1,978    | 71       | 1,100                            |  |
| Kans. ....               | 337   | 5,790                                    | 217     | 3.75   | 1,951    | 73       | 1,350                            |  |
| W. N. Cent. ....         | 3,963   | 6,757                                    | 247     | 3.65   | 26,778   | 977      | 8,350                            |  |
| Del. ....                | 26  | 7,100                                    | 266     | 3.75   | 185      | 7        | 30                               |  |
| Md. ....                 | 217   | 7,060                                    | 265     | 3.75   | 1,532    | 57       | 330                              |  |
| Va. ....                 | 337   | 5,940                                    | 232     | 3.90   | 2,002    | 78       | 4,200                            |  |
| W. Va. ....              | 130   | 5,070                                    | 198     | 3.90   | 659      | 26       | 1,800                            |  |
| N. C. ....               | 275   | 5,700                                    | 225     | 3.95   | 1,568    | 62       | 6,300                            |  |
| S. C. ....               | 109   | 4,920                                    | 192     | 3.90   | 536      | 21       | 1,800                            |  |
| Ge. ....                 | 216   | 4,720                                    | 189     | 4.00   | 1,020    | 41       | 3,600                            |  |
| Fla. ....                | 194   | 6,730                                    | 273     | 4.05   | 1,306    | 53       | 240                              |  |
| S. Atl. ....             | 1,504   | 5,856                                    | 229     | 3.92   | 8,808    | 345      | 18,300                           |  |
| Ky. ....                 | 504   | 4,950                                    | 203     | 4.10   | 2,495    | 102      | 3,200                            |  |
| Tenn. ....               | 486   | 4,530                                    | 190     | 4.20   | 2,202    | 92       | 3,900                            |  |
| Ala. ....                | 244   | 3,940                                    | 158     | 4.00   | 961      | 38       | 5,400                            |  |
| Miss. ....               | 366   | 3,430                                    | 146     | 4.25   | 1,255    | 53       | 4,300                            |  |
| Ark. ....                | 217   | 4,210                                    | 173     | 4.10   | 914      | 37       | 2,300                            |  |
| La. ....                 | 234   | 3,630                                    | 149     | 4.10   | 849      | 35       | 1,200                            |  |
| Okla. ....               | 256   | 5,550                                    | 211     | 3.80   | 1,421    | 54       | 1,500                            |  |
| Tex. ....                | 575   | 5,090                                    | 199     | 3.90   | 2,927    | 114      | 2,800                            |  |
| S. Cent. ....            | 2,882   | 4,519                                    | 182     | 4.03   | 13,024   | 525      | 24,600                           |  |
| Mont. ....               | 79  | 5,860                                    | 217     | 3.70   | 463      | 17       | 720                              |  |
| Idaho....                | 202   | 8,140                                    | 305     | 3.75   | 1,644    | 62       | 370                              |  |
| Wyo. ....                | 31  | 6,190                                    | 217     | 3.50   | 192      | 7        | 280                              |  |
| Colo. ....               | 124   | 6,970                                    | 254     | 3.65   | 864      | 32       | 600                              |  |
| N. Mex. ....             | 42  | 6,020                                    | 226     | 3.75   | 253      | 9        | 200                              |  |
| Ariz. ....               | 50  | 9,220                                    | 332     | 3.60   | 461      | 17       | 70                               |  |
| Utah....                 | 95  | 8,040                                    | 293     | 3.65   | 764      | 28       | 200                              |  |
| Nev. ....                | 16  | 7,440                                    | 268     | 3.60   | 119      | 4        | 50                               |  |
| Wash. ....               | 233   | 8,510                                    | 340     | 4.00   | 1,983    | 79       | 750                              |  |
| Oreg. ....               | 162   | 7,060                                    | 300     | 4.25   | 1,144    | 49       | 600                              |  |
| Calif. ....              | 824   | 9,800                                    | 363     | 3.70   | 8,075    | 299      | 450                              |  |
| West. ....               | 1,858   | 8,591                                    | 325     | 3.78   | 15,962   | 603      | 4,290                            |  |
| U. S. ....               | 17,543  | 7,000                                    | 263     | 3.76   | 122,803  | 4,617    | 62,206                           |  |

<sup>1/</sup> Average number on farms during year, excluding heifers not yet fresh.<sup>2/</sup> Excludes milk sucked by calves.

Table 10.-Milk used and marketed by farmers, by States, 1960  
 /In millions of pounds/

| State<br>and<br>division | Milk used on farms where produced |  |  |       | Milk marketed by farmers      |                              |  | Total   |  |
|--------------------------|-----------------------------------|--|--|-------|-------------------------------|------------------------------|--|---------|--|
|                          | Fed<br>to<br>calves<br>1/         | Consumed<br>as fluid<br>milk or<br>cream | Used for<br>farm-<br>churned<br>butter | Total | Sold to plants<br>and dealers |                              | Retailed<br>by farmers<br>as milk<br>and cream<br>2/ |         |  |
|                          |                                   |  |  |       | As<br>whole<br>milk           | As farm-<br>skimmed<br>cream |  |         |  |
| Me. ....                 | 10                                | 32                                       | 26                                     | 68    | 593                           | 1                            | 41   | 635     |  |
| N. H. ....               | 6                                 | 13                                       | 5                                      | 24    | 330                           | -                            | 23   | 353     |  |
| Vt. ....                 | 29                                | 28                                       | 3                                      | 60    | 1,830                         | 1                            | 23   | 1,854   |  |
| Mass. ....               | 9                                 | 16                                       | 2                                      | 27    | 665                           | -                            | 60   | 725     |  |
| R. I. ....               | 2                                 | 2  | -                                      | 4     | 111                           | -                            | 8  | 119     |  |
| Conn. ....               | 12                                | 17                                       | 2                                      | 31    | 671                           | -                            | 46   | 717     |  |
| N. Y. ....               | 183                               | 179                                      | 11                                     | 373   | 9,628                         | 30                           | 140  | 9,798   |  |
| N. J. ....               | 14                                | 19                                       | 1                                      | 34    | 1,100                         | -                            | 55   | 1,155   |  |
| Pa. ....                 | 95                                | 230                                      | 32                                     | 357   | 6,300                         | 60                           | 90   | 6,450   |  |
| N. Atl. ....             | 360                               | 536                                      | 82                                     | 978   | 21,228                        | 92                           | 486  | 21,806  |  |
| Ohio....                 | 104                               | 193                                      | 22                                     | 319   | 4,773                         | 60                           | 36   | 4,869   |  |
| Ind. ....                | 58                                | 122                                      | 10                                     | 190   | 2,830                         | 116                          | 15   | 2,961   |  |
| Ill. ....                | 70                                | 170                                      | 16                                     | 256   | 3,830                         | 110                          | 33   | 3,973   |  |
| Mich. ....               | 134                               | 167                                      | 13                                     | 314   | 4,640                         | 200                          | 19   | 4,859   |  |
| Wis. ....                | 550                               | 320                                      | 5                                      | 875   | 16,760                        | 41                           | 30   | 16,831  |  |
| E. N. Cent. ....         | 916                               | 972                                      | 66                                     | 1,954 | 32,833                        | 527                          | 133  | 33,493  |  |
| Minn. ....               | 190                               | 215                                      | 10                                     | 415   | 8,690                         | 1,035                        | 18   | 9,743   |  |
| Iowa....                 | 152                               | 221                                      | 25                                     | 398   | 3,675                         | 1,750                        | 32   | 5,457   |  |
| Mo. ....                 | 67                                | 248                                      | 55                                     | 370   | 3,085                         | 225                          | 31   | 3,341   |  |
| N. Dak. ....             | 42                                | 74                                       | 29                                     | 145   | 268                           | 1,310                        | 8  | 1,586   |  |
| S. Dak. ....             | 37                                | 70                                       | 12                                     | 119   | 635                           | 635                          | 5  | 1,275   |  |
| Nebr. ....               | 63                                | 108                                      | 26                                     | 197   | 690                           | 1,083                        | 8  | 1,781   |  |
| Kans. ....               | 57                                | 118                                      | 30                                     | 205   | 1,350                         | 355                          | 41   | 1,746   |  |
| W. N. Cent. ....         | 608                               | 1,054                                    | 187                                    | 1,849 | 18,393                        | 6,393                        | 143  | 24,929  |  |
| Del. ....                | 3                                 | 7  | 1                                      | 11    | 171                           | -                            | 3  | 174     |  |
| Md. ....                 | 20                                | 42                                       | 7                                      | 69    | 1,436                         | 3                            | 24   | 1,463   |  |
| Va. ....                 | 45                                | 185                                      | 92                                     | 322   | 1,565                         | 85                           | 30   | 1,680   |  |
| W. Va. ....              | 16                                | 117                                      | 39                                     | 172   | 420                           | 35                           | 32   | 487     |  |
| N. C. ....               | 28                                | 254                                      | 132                                    | 414   | 1,114                         | 5                            | 35   | 1,154   |  |
| S. C. ....               | 7                                 | 63                                       | 38                                     | 108   | 415                           | -                            | 13   | 428     |  |
| Ga. ....                 | 12                                | 124                                      | 75                                     | 211   | 750                           | 1                            | 58   | 809     |  |
| Fla. ....                | 8                                 | 22                                       | 5                                      | 35    | 1,230                         | -                            | 41   | 1,271   |  |
| S. Atl. ....             | 139                               | 814                                      | 389                                    | 1,342 | 7,101                         | 129                          | 236  | 7,466   |  |
| Ky. ....                 | 40                                | 289                                      | 66                                     | 395   | 2,005                         | 40                           | 55   | 2,100   |  |
| Tenn. ....               | 30                                | 246                                      | 77                                     | 353   | 1,815                         | 7                            | 27   | 1,849   |  |
| Ala. ....                | 13                                | 169                                      | 111                                    | 293   | 627                           | 3                            | 38   | 668     |  |
| Miss. ....               | 14                                | 176                                      | 85                                     | 275   | 963                           | 2                            | 15   | 980     |  |
| Ark. ....                | 11                                | 112                                      | 47                                     | 170   | 710                           | 20                           | 14   | 744     |  |
| La. ....                 | 9                                 | 118                                      | 24                                     | 151   | 687                           | -                            | 11   | 698     |  |
| Okla. ....               | 28                                | 129                                      | 33                                     | 190   | 1,030                         | 180                          | 21   | 1,231   |  |
| Tex. ....                | 33                                | 221                                      | 60                                     | 314   | 2,520                         | 30                           | 63   | 2,613   |  |
| S. Cent. ....            | 178                               | 1,460                                    | 503                                    | 2,141 | 10,357                        | 282                          | 244  | 10,883  |  |
| Mont. ....               | 15                                | 49                                       | 15                                     | 79    | 232                           | 145                          | 7  | 384     |  |
| Idaho....                | 49                                | 61                                       | 8                                      | 118   | 1,464                         | 45                           | 17   | 1,526   |  |
| Wyo. ....                | 6                                 | 21                                       | 7                                      | 34    | 113                           | 40                           | 5  | 158     |  |
| Colo. ....               | 29                                | 52                                       | 14                                     | 95    | 625                           | 128                          | 16   | 769     |  |
| N. Mex. ....             | 5                                 | 21                                       | 5                                      | 31    | 212                           | 4                            | 6  | 222     |  |
| Ariz. ....               | 8                                 | 13                                       | 2                                      | 23    | 432                           | -                            | 6  | 438     |  |
| Utah....                 | 18                                | 33                                       | 5                                      | 56    | 690                           | 11                           | 7  | 708     |  |
| Nev. ....                | 3                                 | 3  | 1                                      | 7     | 104                           | 8                            | -  | 112     |  |
| Wash. ....               | 50                                | 77                                       | 16                                     | 143   | 1,755                         | 47                           | 38   | 1,840   |  |
| Oreg. ....               | 36                                | 58                                       | 12                                     | 106   | 935                           | 73                           | 30   | 1,038   |  |
| Calif. ....              | 130                               | 89                                       | 10                                     | 229   | 7,190                         | 18                           | 638  | 7,846   |  |
| West. ....               | 349                               | 477                                      | 95                                     | 921   | 13,752                        | 519                          | 770  | 15,041  |  |
| U. S. ....               | 2,550                             | 5,313                                    | 1,322                                  | 9,185 | 103,664                       | 7,942                        | 2,012  | 113,618 |  |

1/ Excludes milk sucked by calves.

2/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 11.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1960

| State<br>and<br>division | Milk sold to plants<br>and dealers |                                 |                                | Cream sold to plants<br>and dealers |                                |                                | Milk and cream<br>retailed by farmers   |                              |                                |
|--------------------------|------------------------------------|---------------------------------|--------------------------------|-------------------------------------|--------------------------------|--------------------------------|---|------------------------------|--------------------------------|
|                          | Quantity<br>Mil. lb.               | Price<br>per<br>100 lb.<br>Dol. | Cash<br>receipts<br>1,000 dol. | Quantity<br>milkfat<br>1,000 lb.    | Price<br>per lb.<br>fat<br>Ct. | Cash<br>receipts<br>1,000 dol. | Quantity,<br>milk<br>equiv.<br>Mil. qt. | Price<br>per<br>quart<br>Ct. | Cash<br>receipts<br>1,000 dol. |
| Me. ....                 | 593                                | 5.39                            | 31,963                         | 40                                  | 60                             | 24                             | 19                                      | 23.7                         | 4,503                          |
| N. H. ....               | 330                                | 5.56                            | 18,348                         | -                                   | -                              | -                              | 11                                      | 25.0                         | 2,750                          |
| Vt. ....                 | 1,830                              | 5.00                            | 91,500                         | 40                                  | 60                             | 24                             | 11                                      | 22.2                         | 2,442                          |
| Mass. ....               | 665                                | 5.86                            | 38,969                         | -                                   | -                              | -                              | 28                                      | 24.8                         | 6,944                          |
| R. I. ....               | 111                                | 5.99                            | 6,649                          | -                                   | -                              | -                              | 4                                       | 25.1                         | 1,004                          |
| Conn. ....               | 671                                | 5.81                            | 38,985                         | -                                   | -                              | -                              | 21                                      | 25.6                         | 5,376                          |
| N. Y. ....               | 9,628                              | 4.51                            | 434,223                        | 1,160                               | 52                             | 603                            | 65                                      | 18.8                         | 12,220                         |
| N. J. ....               | 1,100                              | 5.35                            | 58,850                         | -                                   | -                              | -                              | 26                                      | 26.5                         | 6,890                          |
| Pa. ....                 | 6,300                              | 4.74                            | 298,620                        | 2,250                               | 55                             | 1,238                          | 42                                      | 21.0                         | 8,820                          |
| N. Atl. ....             | 21,228                             | 4.80                            | 1,018,107                      | 3,490                               | 54.1                           | 1,889                          | 227                                     | 22.4                         | 50,949                         |
| Ohio.....                | 4,773                              | 4.27                            | 203,807                        | 2,400                               | 49                             | 1,176                          | 17                                      | 22.1                         | 3,757                          |
| Ind. ....                | 2,830                              | 4.07                            | 115,181                        | 4,700                               | 52                             | 2,444                          | 7                                       | 21.0                         | 1,470                          |
| Ill. ....                | 3,830                              | 3.76                            | 144,008                        | 4,120                               | 52                             | 2,142                          | 15                                      | 21.0                         | 3,150                          |
| Mich. ....               | 4,640                              | 4.18                            | 193,952                        | 7,700                               | 60                             | 4,620                          | 9                                       | 22.1                         | 1,989                          |
| Wis. ....                | 16,760                             | 3.47                            | 581,572                        | 1,520                               | 64                             | 973                            | 14                                      | 22.6                         | 3,164                          |
| E. N. Cent. ....         | 32,833                             | 3.77                            | 1,238,520                      | 20,440                              | 55.6                           | 11,355                         | 62                                      | 21.8                         | 13,530                         |
| Minn. ....               | 8,690                              | 3.16                            | 274,604                        | 36,220                              | 64                             | 23,181                         | 8                                       | 18.8                         | 1,504                          |
| Iowa.....                | 3,675                              | 3.40                            | 124,950                        | 64,750                              | 65                             | 42,088                         | 15                                      | 19.6                         | 2,940                          |
| Mo. ....                 | 3,085                              | 3.81                            | 117,538                        | 9,450                               | 51                             | 4,820                          | 14                                      | 17.6                         | 2,464                          |
| N. Dak. ....             | 268                                | 3.55                            | 9,514                          | 45,850                              | 62                             | 28,427                         | 4                                       | 18.8                         | 752                            |
| S. Dak. ....             | 635                                | 3.32                            | 21,082                         | 22,540                              | 61                             | 13,749                         | 2                                       | 20.5                         | 410                            |
| Nebr. ....               | 690                                | 4.12                            | 28,428                         | 38,990                              | 60                             | 23,394                         | 4                                       | 20.8                         | 832                            |
| Kans. ....               | 1,350                              | 3.90                            | 52,650                         | 13,670                              | 56                             | 7,655                          | 19                                      | 18.3                         | 3,477                          |
| W. N. Cent. ....         | 18,393                             | 3.42                            | 628,766                        | 231,470                             | 61.9                           | 143,314                        | 66                                      | 18.8                         | 12,379                         |
| Del. ....                | 171                                | 4.90                            | 8,379                          | -                                   | -                              | -                              | 1                                       | 23.1                         | 231                            |
| Md. ....                 | 1,436                              | 4.82                            | 69,215                         | 120                                 | 49                             | 59                             | 11                                      | 24.3                         | 2,673                          |
| Va. ....                 | 1,565                              | 4.96                            | 77,624                         | 3,570                               | 48                             | 1,714                          | 14                                      | 23.3                         | 3,262                          |
| W. Va. ....              | 420                                | 4.78                            | 20,076                         | 1,500                               | 46                             | 690                            | 15                                      | 21.8                         | 3,270                          |
| N. C. ....               | 1,114                              | 5.67                            | 63,164                         | 220                                 | 51                             | 112                            | 16                                      | 19.1                         | 3,056                          |
| S. C. ....               | 415                                | 5.73                            | 23,780                         | -                                   | -                              | -                              | 6                                       | 22.5                         | 1,350                          |
| Ga. ....                 | 750                                | 5.96                            | 44,700                         | 40                                  | 52                             | 21                             | 27                                      | 23.7                         | 6,399                          |
| Fla. ....                | 1,230                              | 6.71                            | 82,533                         | -                                   | -                              | -                              | 19                                      | 24.7                         | 4,693                          |
| S. Atl. ....             | 7,101                              | 5.48                            | 389,471                        | 5,450                               | 47.6                           | 2,596                          | 109                                     | 22.9                         | 24,934                         |
| Ky. ....                 | 2,005                              | 3.93                            | 78,796                         | 1,720                               | 46                             | 791                            | 26                                      | 21.8                         | 5,668                          |
| Tenn. ....               | 1,815                              | 4.23                            | 76,774                         | 310                                 | 46                             | 143                            | 13                                      | 18.3                         | 2,379                          |
| Ala. ....                | 627                                | 5.67                            | 35,551                         | 130                                 | 52                             | 68                             | 18                                      | 20.4                         | 3,672                          |
| Miss. ....               | 963                                | 4.78                            | 46,031                         | 90                                  | 49                             | 44                             | 7                                       | 22.0                         | 1,540                          |
| Ark. ....                | 710                                | 4.38                            | 31,098                         | 860                                 | 50                             | 430                            | 7                                       | 20.0                         | 1,400                          |
| La. ....                 | 687                                | 5.56                            | 38,197                         | -                                   | -                              | -                              | 5                                       | 23.3                         | 1,165                          |
| Okla. ....               | 1,030                              | 4.60                            | 47,380                         | 7,380                               | 53                             | 3,911                          | 10                                      | 20.2                         | 2,020                          |
| Tex. ....                | 2,520                              | 5.27                            | 132,804                        | 1,280                               | 50                             | 640                            | 29                                      | 23.2                         | 6,728                          |
| S. Cent. ....            | 10,357                             | 4.70                            | 486,631                        | 11,770                              | 51.2                           | 6,027                          | 115                                     | 21.4                         | 24,572                         |
| Mont. ....               | 232                                | 4.26                            | 9,883                          | 5,510                               | 60                             | 3,306                          | 3                                       | 23.0                         | 690                            |
| Idaho....                | 1,464                              | 3.42                            | 50,069                         | 1,710                               | 58                             | 992                            | 8                                       | 21.0                         | 1,680                          |
| Wyo. ....                | 113                                | 4.07                            | 4,599                          | 1,400                               | 61                             | 854                            | 2                                       | 20.0                         | 400                            |
| Colo. ....               | 625                                | 4.63                            | 28,938                         | 4,740                               | 57                             | 2,702                          | 7                                       | 23.0                         | 1,610                          |
| N. Mex. ....             | 212                                | 5.25                            | 11,130                         | 150                                 | 58                             | 87                             | 3                                       | 22.2                         | 666                            |
| Ariz. ....               | 432                                | 5.04                            | 21,773                         | -                                   | -                              | -                              | 3                                       | 22.9                         | 687                            |
| Utah....                 | 690                                | 4.07                            | 28,083                         | 400                                 | 55                             | 220                            | 3                                       | 18.0                         | 540                            |
| Nev. ....                | 104                                | 5.03                            | 5,231                          | 290                                 | 64                             | 186                            | -                                       | -                            | -                              |
| Wash. ....               | 1,755                              | 4.38                            | 76,869                         | 1,970                               | 57                             | 1,123                          | 18                                      | 22.6                         | 4,068                          |
| Oreg. ....               | 935                                | 4.62                            | 43,197                         | 3,180                               | 62                             | 1,972                          | 14                                      | 23.8                         | 3,332                          |
| Calif. ....              | 7,190                              | 4.43                            | 318,517                        | 680                                 | 62                             | 422                            | 297                                     | 21.3                         | 63,261                         |
| West. ....               | 13,752                             | 4.35                            | 598,289                        | 20,030                              | 59.2                           | 11,864                         | 358                                     | 21.5                         | 76,934                         |
| U. S. ....               | 103,664                            | 4.21                            | 4,359,784                      | 292,650                             | 60.5                           | 177,045                        | 937                                     | 21.7                         | 203,298                        |

Table 12.-Farm marketings, income, and value of dairy products, by States, 1960

| State<br>and<br>division | Combined marketings of milk and cream |                           |                         | Used for milk,<br>cream and butter<br>on farms where<br>produced |          | Gross<br>farm<br>income<br>from<br>dairy<br>products 3/ | Farm<br>value<br>of<br>milk<br>produced<br>4/ |
|--------------------------|---------------------------------------|---------------------------|-------------------------|--|----------|---|---|
|                          | Milk<br>utilized                      | Average returns 1/        |                         | Cash<br>receipts<br>from<br>marketings                           | Milk     | Value<br>2/   | 1,000 dol.                                    |
|                          |                                       | Per 100<br>pounds<br>milk | Per<br>pound<br>milkfat |  | utilized | 1,000 dol.  |   |
|                          | Mil.lb.                               | Dol.                      | Dol.                    | 1,000 dol.   | Mil. lb. | 1,000 dol.  | 1,000 dol.                                    |
| Me. ....                 | 635                                   | 5.75                      | 1.44                    | 36,490   | 58       | 3,335   | 39,825  |
| N. H. ....               | 353                                   | 5.98                      | 1.51                    | 21,098   | 18       | 1,076   | 22,545  |
| Vt. ....                 | 1,054                                 | 5.07                      | 1.28                    | 93,966   | 31       | 1,572   | 95,538  |
| Mass. ....               | 725                                   | 6.33                      | 1.67                    | 45,913   | 18       | 1,139   | 47,052  |
| R. I. ....               | 119                                   | 6.43                      | 1.71                    | 7,653  | 2        | 129   | 7,782   |
| Conn. ....               | 717                                   | 6.19                      | 1.65                    | 44,361   | 19       | 1,176   | 45,537  |
| N. Y. ....               | 9,798                                 | 4.56                      | 1.27                    | 447,046  | 190      | 8,664   | 455,710                                       |
| N. J. ....               | 1,155                                 | 5.69                      | 1.56                    | 65,740   | 20       | 1,138   | 66,978  |
| Pa. ....                 | 6,450                                 | 4.79                      | 1.28                    | 308,678  | 262      | 12,550  | 321,228                                       |
| N. Atl. ....             | 21,806                                | 4.91                      | 1.32                    | 1,070,945  | 618      | 30,779  | 1,101,724                                     |
| Ohio.....                | 4,869                                 | 4.29                      | 1.13                    | 208,740  | 215      | 9,224   | 217,964                                       |
| Ind. ....                | 2,961                                 | 4.02                      | 1.03                    | 119,095  | 132      | 5,306   | 124,401                                       |
| Ill. ....                | 3,973                                 | 3.76                      | 1.02                    | 149,300  | 186      | 6,994   | 156,294                                       |
| Mich. ....               | 4,859                                 | 4.13                      | 1.12                    | 200,561  | 180      | 7,434   | 207,995                                       |
| Wis. ....                | 16,831                                | 3.48                      | .94                     | 585,709  | 325      | 11,310  | 597,019                                       |
| E. N. Cent. ....         | 33,493                                | 3.77                      | 1.01                    | 1,263,405  | 1,038    | 40,268  | 1,303,673                                     |
| Minn. ....               | 9,743                                 | 3.07                      | .88                     | 299,289  | 225      | 6,908   | 306,197                                       |
| Iowa....                 | 5,457                                 | 3.11                      | .84                     | 169,978  | 246      | 7,651   | 177,629                                       |
| Mo. ....                 | 3,341                                 | 3.74                      | .92                     | 124,822  | 303      | 11,332  | 136,154                                       |
| N. Dak. ....             | 1,586                                 | 2.44                      | .70                     | 38,693   | 103      | 2,513   | 41,206  |
| S. Dak. ....             | 1,275                                 | 2.76                      | .78                     | 35,241   | 82       | 2,263   | 37,504  |
| Nebr. ....               | 1,781                                 | 2.96                      | .82                     | 52,654   | 134      | 3,966   | 56,620  |
| Kans. ....               | 1,746                                 | 3.65                      | .97                     | 63,782   | 148      | 5,402   | 69,184  |
| W. N. Cent. ....         | 24,929                                | 3.15                      | .86                     | 784,459  | 1,241    | 40,035  | 824,494                                       |
| Del. ....                | 174                                   | 4.95                      | 1.32                    | 8,610  | 8        | 396   | 9,006   |
| Md. ....                 | 1,463                                 | 4.92                      | 1.31                    | 71,947   | 49       | 2,411   | 74,358  |
| Va. ....                 | 1,680                                 | 4.92                      | 1.26                    | 82,600   | 277      | 13,628  | 96,228  |
| W. Va. ....              | 487                                   | 4.94                      | 1.27                    | 24,036   | 156      | 7,706   | 31,742  |
| N. C. ....               | 1,154                                 | 5.75                      | 1.46                    | 66,332   | 386      | 22,195  | 88,527  |
| S. C. ....               | 428                                   | 5.87                      | 1.51                    | 25,130   | 101      | 5,929   | 31,059  |
| Ga. ....                 | 809                                   | 6.32                      | 1.58                    | 51,120   | 199      | 12,577  | 63,697  |
| Fla. ....                | 1,271                                 | 6.86                      | 1.69                    | 87,226   | 27       | 1,852   | 89,078  |
| S. Atl. ....             | 7,466                                 | 5.59                      | 1.43                    | 417,001  | 1,203    | 66,694  | 483,695                                       |
| Ky. ....                 | 2,100                                 | 4.06                      | .99                     | 85,255   | 355      | 14,413  | 99,668  |
| Tenn. ....               | 1,849                                 | 4.29                      | 1.02                    | 79,296   | 323      | 13,857  | 93,153  |
| Ala. ....                | 668                                   | 5.88                      | 1.47                    | 39,291   | 280      | 16,464  | 55,755  |
| Miss. ....               | 980                                   | 4.86                      | 1.14                    | 47,615   | 261      | 12,685  | 60,300  |
| Ark. ....                | 744                                   | 4.43                      | 1.08                    | 32,928   | 159      | 7,044   | 39,972  |
| La. ....                 | 698                                   | 5.64                      | 1.38                    | 39,362   | 142      | 8,009   | 47,371  |
| Okla. ....               | 1,231                                 | 4.33                      | 1.14                    | 53,311   | 162      | 7,015   | 60,326  |
| Tex. ....                | 2,613                                 | 5.36                      | 1.37                    | 140,172  | 281      | 15,062  | 155,234                                       |
| S. Cent. ....            | 10,883                                | 4.75                      | 1.18                    | 517,230  | 1,963    | 94,549  | 611,779                                       |
| Mont. ....               | 384                                   | 3.61                      | .98                     | 13,879   | 64       | 2,310   | 16,189  |
| Idaho....                | 1,526                                 | 3.46                      | .92                     | 52,741   | 69       | 2,387   | 55,128  |
| Wyo. ....                | 158                                   | 3.70                      | 1.06                    | 5,853  | 28       | 1,036   | 6,889   |
| Colo. ....               | 769                                   | 4.32                      | 1.18                    | 33,250   | 66       | 2,851   | 36,101  |
| N. Mex. ....             | 222                                   | 5.35                      | 1.43                    | 11,883   | 26       | 1,391   | 13,274  |
| Ariz. ....               | 438                                   | 5.13                      | 1.42                    | 22,460   | 15       | 770   | 23,230  |
| Utah....                 | 708                                   | 4.07                      | 1.12                    | 28,843   | 38       | 1,547   | 30,390  |
| Nev. ....                | 112                                   | 4.84                      | 1.34                    | 5,417  | 4        | 194   | 5,611   |
| Wash. ....               | 1,840                                 | 4.46                      | 1.12                    | 82,060   | 93       | 4,148   | 86,208  |
| Oreg. ....               | 1,038                                 | 4.67                      | 1.10                    | 48,501   | 70       | 3,269   | 51,770  |
| Calif. ....              | 7,846                                 | 4.87                      | 1.32                    | 382,200  | 99       | 4,821   | 387,021                                       |
| West. ....               | 15,041                                | 4.57                      | 1.21                    | 687,087  | 572      | 24,724  | 711,811                                       |
| U. S. ....               | 113,618                               | 4.17                      | 1.11                    | 4,740,127  | 6,635    | 297,049   | 5,037,176                                     |
|                          |                                       |                           |                         |  |          |   | 5,139,089                                     |

1/ Cash receipts divided by milk or milkfat represented in combined marketings.

2/ Computed at average returns per 100 pounds for milk in products marketed.

3/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

4/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 13.-Production and utilization of milk, United States, 1956-61  
 [In millions of pounds]

| Source and use  | 1956    | 1957    | 1958    | 1959    | 1960    | 1961 1/ |
|---|---------|---------|---------|---------|---------|---------|
| Milk production   | 124,860 | 124,628 | 123,220 | 121,989 | 122,803 | 125,456 |
| Utilization (milk equivalent):                            |         |         |         |         |         |         |
| Manufactured in plants:                                   |         |         |         |         |         |         |
| Creamery butter, total.....                               | 29,686  | 29,951  | 30,651  | 29,569  | 30,166  | 32,820  |
| From whey cream.....                                      | 987     | 1,001   | 1,027   | 1,021   | 1,083   | 1,193   |
| Net.....  | 28,699  | 28,950  | 29,624  | 28,548  | 29,083  | 31,627  |
| Cheese:   |         |         |         |         |         |         |
| American.....   | 9,936   | 9,974   | 9,524   | 9,207   | 9,653   | 11,062  |
| Other.....  | 3,797   | 3,488   | 3,250   | 3,396   | 3,676   | 3,713   |
| Canned milk:  |         |         |         |         |         |         |
| Evaporated.....   | 5,397   | 5,200   | 4,591   | 4,559   | 4,342   | 4,229   |
| Sweetened condensed.....                                  | 164     | 140     | 125     | 133     | 147     | 152     |
| Bulk condensed milk:                                      |         |         |         |         |         |         |
| Unsweetened.....  | 710     | 756     | 786     | 843     | 862     | 863     |
| Sweetened.....  | 104     | 108     | 113     | 115     | 110     | 110     |
| Dry whole milk.....                                       | 841     | 788     | 687     | 712     | 721     | 611     |
| Frozen dairy products:                                    |         |         |         |         |         |         |
| Ice cream and other frozen products 2/.....               | 10,013  | 10,215  | 10,499  | 11,219  | 11,290  | 11,361  |
| Duplication of fat from butter and condensed milk 3/..... | 1,510   | 1,637   | 1,727   | 1,852   | 1,858   | 1,860   |
| Net from milk and cream.....                              | 8,503   | 8,578   | 8,772   | 9,367   | 9,432   | 9,501   |
| Other factory products 4/.....                            | 1,255   | 1,230   | 1,274   | 1,359   | 1,372   | 1,364   |
| Total factory products 5/.....                            | 59,406  | 59,212  | 58,746  | 58,239  | 59,398  | 63,232  |
| Farm butter.....  | 2,814   | 2,428   | 1,987   | 1,602   | 1,322   | 1,112   |
| Fluid consumption: Farm 6/.....                           | 9,600   | 9,100   | 8,500   | 8,000   | 7,600   | 7,200   |
| Nonfarm.....  | 49,400  | 50,200  | 50,400  | 50,800  | 51,200  | 50,800  |
| Fed to calves.....  | 3,119   | 2,950   | 2,767   | 2,658   | 2,550   | 2,466   |
| Exports and storage 7/.....                               | -4      | 65      | -62     | 13      | 7       | 2       |
| Other 8/.....   | 525     | 673     | 882     | 677     | 726     | 644     |

1/ Preliminary. 2/ Includes ice cream, milk sherbet, ice milk, and other frozen dairy products.

3/ Milk equivalent of butter and condensed milk used in ice cream. 4/ Includes dry cream, malted milk powder, dry part-skim milk, dry ice cream mix, cottage cheese, and other products using milkfat.

5/ Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product. 6/ Includes an allowance for fluid consumption on farms not producing milk in addition to the consumption on farms where milk is produced shown in Table 2. 7/ Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year. 8/ Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.

Table 14.-Percentage utilization of milk produced, United States, 1956-61  
 [Percent]

| Utilization                               | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 1/ |
|---|------|------|------|------|------|---------|
| Creamery butter, net.....                 | 23.0 | 23.2 | 24.1 | 23.4 | 23.7 | 25.2    |
| Cheese.....                               | 11.0 | 10.8 | 10.4 | 10.3 | 10.8 | 11.8    |
| Evaporated, condensed, and dry whole milk | 5.8  | 5.6  | 5.1  | 5.2  | 5.0  | 4.7     |
| Frozen dairy products, net.....           | 6.8  | 6.9  | 7.1  | 7.7  | 7.7  | 7.6     |
| Other manufactured products.....          | 1.0  | 1.0  | 1.0  | 1.1  | 1.1  | 1.1     |
| Total factory products.....               | 47.6 | 47.5 | 47.7 | 47.7 | 48.3 | 50.4    |
| Farm butter.....                          | 2.2  | 1.9  | 1.6  | 1.3  | 1.1  | .9      |
| Fluid consumption:                        |      |      |      |      |      |         |
| Farm.....                                 | 7.7  | 7.3  | 6.9  | 6.6  | 6.2  | 5.7     |
| Nonfarm.....                              | 39.6 | 40.3 | 40.9 | 41.6 | 41.7 | 40.5    |
| Fed to calves.....                        | 2.5  | 2.4  | 2.2  | 2.2  | 2.1  | 2.0     |
| Other uses.....                           | 0.4  | 0.6  | 0.7  | 0.6  | .6   | .5      |

1/ Preliminary.

### Milk used on farms continues rapid decline

Milk used on farms where it was produced is estimated at 8,434 million pounds for 1961. This is a decline of 8 percent from total farm use in 1960 -- continuing the sharp downtrend of recent years. About 7 percent of all milk produced was used on farms in 1961 compared with 16 percent 10 years earlier. Milk used on farms in 1961 consisted of 2,466 million pounds fed to calves, 4,856 million pounds consumed as fluid milk and cream in farm households and 1,112 million pounds used for farm-churned butter. Butter churned on farms is estimated at 52 million pounds for 1961 -- down 17 percent from 1960.

### Cash receipts 4 percent above 1960

Producers' cash receipts from marketings of milk and cream in 1961 are estimated at 4,911 million dollars, 4 percent more than in 1960. This total includes receipts from sales of milk and cream by producers directly to consumers as well as sales of whole milk and cream to plants.

Cash receipts from whole milk sold to plants in 1961 totaled 4,560 million dollars, 5 percent more than in 1960. The average price per hundredweight for all milk sold to plants and dealers was \$4.22 in 1961, up 1 cent from the preceding year.

Producers' receipts from farm-separated cream sold to plants declined 12 percent to 155 million dollars in 1961, about the same change as in quantity of cream sold. The average price received for milkfat sold in cream was 60.8 cents in 1961, compared with 60.5 cents in 1960.

Sales of milk and cream directly to consumers returned 196 million dollars to producers, 4 percent less than in 1960. The average price received by producers for milk retailed was unchanged from 1960 at 21.7 cents.

Gross farm income from dairy products is estimated at 5,177 million dollars in 1961, up 3 percent from the preceding year. Gross farm income includes the value of fluid milk and cream consumed in farm households and cream used for farm-churned butter in addition to cash receipts from marketings of milk and cream. Total farm value of milk produced, including the value of milk fed to calves, was 5,277 million dollars in 1961, up 3 percent from 1960.

### One-half of 1961 milk used in factory products

The whole milk equivalent of all manufactured dairy products made in 1961 is estimated at 63,232 million pounds, 6 percent more than in 1960 and a record high in the series of estimates beginning in 1924. Factory products accounted for 50 percent of all milk produced in 1961, compared with 48 percent in 1960. The net milk equivalent of creamery butter produced in 1961 was up 9 percent from 1960 and accounted for 25 percent of all milk produced. Use of milk for cheese increased 11 percent from 1960 and represented 12 percent of 1961 milk output. Total consumption of fluid milk and cream products by the nonfarm population declined about 1 percent from 1960 to 1961. This was the first year since 1948 that total nonfarm fluid consumption has failed to show an annual gain. Slightly more than 40 percent of all milk produced in 1961 was consumed in fluid form by the nonfarm population and 6 percent was consumed in farm households.

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