

Milk Production



United States
Department of
Agriculture

Washington, D.C.

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April Milk Production

Milk production in the 21 major States during April totaled 10.9 billion pounds, virtually unchanged from production in these same States in April 1991. March revised production at 11.1 billion pounds was virtually the same as March 1991.

Production per cow in the 21 major States averaged 1,320 for April, 23 pounds more than April 1991.

The number of cows on farms in the 21 major States was 8.26 million head, 158,000 head less than April 1991 and 4,000 less than March 1992.

During the January-March period, the 21 major States produced 32.0 billion pounds of milk, 84.4 percent of the U.S. production. If producers in the remaining 29 States not surveyed monthly followed the same pattern as the 21 States, the U.S. production would be 12.9 billion pounds for April 1992.

For information, call Daniel Buckner at (202) 720-4448. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Da 1-1 (5-92)

Milk Cows and Production: By Quarters, United States, 1991-92

| Month | Milk Cows <u>1/</u> | | Milk Per Cow <u>2/</u> | | Milk Production <u>2/</u> | | 1992 as % of 1991 |
|---------|---------------------|-------|------------------------|-------|---------------------------|--------|-------------------------|
| | 1991 | 1992 | 1991 | 1992 | 1991 | 1992 | |
| | --- Thousands --- | | ---- Pounds --- | | Million Pounds | | Percent |
| Jan-Mar | 10,101 | 9,855 | 3,705 | 3,850 | 37,425 | 37,944 | 101 |
| Apr-Jun | 9,999 | | 3,864 | | 38,633 | | |
| Jul-Sep | 9,940 | | 3,647 | | 36,255 | | |
| Oct-Dec | 9,918 | | 3,651 | | 36,212 | | |
| Annual | 9,990 | | 14,867 | | 148,526 | | |

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

Milk Cows and Production: By States, March 1991-92 1/

| State | Milk Cows <u>2/</u> | | Milk Per Cow <u>3/</u> | | Milk Production <u>3/</u> | | 1992 as % of 1991 |
|-----------|---------------------|-------|------------------------|-------|---------------------------|--------|-------------------------|
| | 1991 | 1992 | 1991 | 1992 | 1991 | 1992 | |
| | -- Thousands -- | | --- Pounds --- | | Million Pounds | | Percent |
| CA | 1,153 | 1,158 | 1,600 | 1,610 | 1,845 | 1,864 | 101 |
| FL | 185 | 182 | 1,340 | 1,375 | 248 | 250 | 101 |
| ID | 176 | 175 | 1,350 | 1,430 | 238 | 250 | 105 |
| IL | 193 | 185 | 1,285 | 1,240 | 248 | 229 | 92 |
| IN | 149 | 143 | 1,365 | 1,390 | 203 | 199 | 98 |
| IA | 302 | 302 | 1,205 | 1,210 | 364 | 365 | 100 |
| KY | 197 | 183 | 1,005 | 1,020 | 198 | 187 | 94 |
| MD | 105 | 98 | 1,210 | 1,255 | 127 | 123 | 97 |
| MI | 343 | 338 | 1,320 | 1,360 | 453 | 460 | 102 |
| MN | 690 | 665 | 1,305 | 1,315 | 900 | 874 | 97 |
| MO | 229 | 225 | 1,120 | 1,170 | 257 | 263 | 102 |
| NY | 765 | 749 | 1,270 | 1,340 | 972 | 1,004 | 103 |
| NC | 100 | 98 | 1,420 | 1,400 | 142 | 137 | 96 |
| OH | 338 | 330 | 1,215 | 1,230 | 411 | 406 | 99 |
| PA | 676 | 657 | 1,310 | 1,380 | 886 | 907 | 102 |
| TN | 194 | 197 | 970 | 950 | 188 | 187 | 99 |
| TX | 386 | 377 | 1,345 | 1,360 | 519 | 513 | 99 |
| VT | 165 | 163 | 1,265 | 1,340 | 209 | 218 | 104 |
| VA | 140 | 138 | 1,305 | 1,325 | 183 | 183 | 100 |
| WA | 236 | 244 | 1,580 | 1,655 | 373 | 404 | 108 |
| WI | 1,738 | 1,655 | 1,220 | 1,250 | 2,120 | 2,069 | 98 |
| 21 State: | | | | | | | |
| Total | 8,460 | 8,262 | 1,310 | 1,343 | 11,084 | 11,092 | 100 |

1/ 1992 revised.

2/ Includes dry cows. Excludes heifers not yet fresh.

3/ Excludes milk sucked by calves.

Milk Cows and Production: 21 State Total, by Months, 1991-92

| Month | Milk Cows <u>1/</u> | | Milk per Cow <u>2/</u> | | Milk Production <u>2/</u> | | Percent |
|--------|---------------------|-------|------------------------|-------|---------------------------|--------|---------|
| | 1991 | 1992 | 1991 | 1992 | 1991 | 1992 | |
| | --- Thousands --- | | --- Pounds ---- | | Million Pounds | | |
| Jan | 8,510 | 8,296 | 1,251 | 1,288 | 10,645 | 10,684 | 100 |
| Feb | 8,484 | 8,273 | 1,169 | 1,237 | 9,922 | 10,230 | 103 |
| Mar | 8,460 | 8,262 | 1,310 | 1,343 | 11,084 | 11,092 | 100 |
| Apr | 8,416 | 8,258 | 1,297 | 1,320 | 10,918 | 10,899 | 100 |
| May | 8,396 | | 1,339 | | 11,240 | | |
| Jun | 8,377 | | 1,261 | | 10,567 | | |
| Jul | 8,353 | | 1,254 | | 10,472 | | |
| Aug | 8,357 | | 1,239 | | 10,352 | | |
| Sep | 8,350 | | 1,189 | | 9,927 | | |
| Oct | 8,346 | | 1,224 | | 10,212 | | |
| Nov | 8,329 | | 1,192 | | 9,926 | | |
| Dec | 8,322 | | 1,252 | | 10,418 | | |
| Annual | 8,392 | | 14,977 | | 125,683 | | |

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

Milk Cows and Production: By States, April 1991-92

| State | Milk Cows <u>1/</u> | | Milk per Cow <u>2/</u> | | Milk Production <u>2/</u> | | 1992 as % of 1991 |
|-----------|---------------------|-------|------------------------|-------|---------------------------|--------|-------------------------|
| | 1991 | 1992 | 1991 | 1992 | 1991 | 1992 | |
| | -- Thousands -- | | ---- Pounds ---- | | Million Pounds | | Percent |
| CA | 1,154 | 1,158 | 1,565 | 1,589 | 1,806 | 1,840 | 102 |
| FL | 182 | 182 | 1,295 | 1,315 | 236 | 239 | 101 |
| ID | 176 | 175 | 1,350 | 1,420 | 238 | 249 | 105 |
| IL | 193 | 185 | 1,270 | 1,170 | 245 | 216 | 88 |
| IN | 150 | 143 | 1,355 | 1,360 | 203 | 194 | 96 |
| IA | 302 | 306 | 1,160 | 1,150 | 350 | 352 | 101 |
| KY | 197 | 182 | 1,030 | 1,045 | 203 | 190 | 94 |
| MD | 103 | 98 | 1,200 | 1,225 | 124 | 120 | 97 |
| MI | 343 | 338 | 1,290 | 1,310 | 442 | 443 | 100 |
| MN | 685 | 665 | 1,275 | 1,280 | 873 | 851 | 97 |
| MO | 229 | 225 | 1,165 | 1,170 | 267 | 263 | 99 |
| NY | 755 | 743 | 1,270 | 1,320 | 959 | 981 | 102 |
| NC | 100 | 97 | 1,390 | 1,350 | 139 | 131 | 94 |
| OH | 337 | 330 | 1,220 | 1,220 | 411 | 403 | 98 |
| PA | 667 | 656 | 1,310 | 1,370 | 874 | 899 | 103 |
| TN | 193 | 197 | 1,020 | 990 | 197 | 195 | 99 |
| TX | 384 | 377 | 1,310 | 1,345 | 503 | 507 | 101 |
| VT | 163 | 164 | 1,255 | 1,315 | 205 | 216 | 105 |
| VA | 139 | 137 | 1,300 | 1,320 | 181 | 181 | 100 |
| WA | 235 | 244 | 1,575 | 1,640 | 370 | 400 | 108 |
| WI | 1,729 | 1,656 | 1,210 | 1,225 | 2,092 | 2,029 | 97 |
| 21 State: | | | | | | | |
| Total | 8,416 | 8,258 | 1,297 | 1,320 | 10,918 | 10,899 | 100 |

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

Survey Procedures: Primary data used to determine these estimates were obtained from a sample of producers. Individual states maintain a list of all known milk producers and information on the size of their herd. States use all known sources of producers to insure that their lists are as complete as possible. About 20,000 producers are sampled in January and data are collected from about 10,000 respondents. There are about 7,300 respondents in each of the remaining quarters. Generally, all larger producers and a sample of smaller producers are included in the survey. Questionnaires are mailed to producers near the end of the month to obtain data for the first day of the month, January 1, February 1, etc. Toward the end of the data collection period, statisticians review mail returns to insure that each size group is adequately represented. If additional reports are needed in some size groups, statisticians obtain these by telephone.

Estimation Procedures: Each State statistician prepares their estimate by plotting survey expansions and averages on time series charts. The individual State estimates are reviewed by the Agricultural Statistics Board for reasonableness.

Revision Policy: Milk production, rate per cow, and number of cows are subject to revision the following month for monthly states or the following quarter for the quarterly States. Normally Federal Market Order sales are the main reason for revisions, however, not all orders have data available in time for this revision. A second revision is made in February each year based on additional check data. In the event that some additional changes are necessary, a third revision is made in February the following year. Estimates are again reviewed after data for the five-year Census of Agriculture, conducted by the Department of Commerce are available.

Reliability: Since all operations with dairy animals are not included in the sample, estimates are subject to sampling variability. Survey data are subject to non-sampling errors such as omissions, duplications, mistakes in reporting, recording, and processing the data. These errors cannot be measured directly but they are minimized through a careful review of all reported data for consistency and reasonableness. Generally, the original estimates are within one-half percent of the final estimate.

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