

MILK PRODUCTION

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AUGUST MILK PRODUCTION UP 2.9 PERCENT

Milk production of 10,410 million pounds during August was 2.9 percent above a year earlier and 9.1 percent more than August 1975. This latest increase brought the production level for January through August to 84,087 million pounds, 2.3 percent ahead of those months in 1976 and 6.6 percent above the corresponding 1975 period.

Production per cow averaged 949 pounds, 33 pounds more than a year earlier and up 91 pounds from 1975. During August, there were an estimated 10,973,000 milk cows, 68,000 head below the previous August but 8,000 head more than in July 1977.

MILK FEED-PRICE RATIO RISES

The August milk-feed price ratio increased to 1.68 from 1.57 in July and 1.50 for August 1976. The increase was mainly due to lower feed costs.

MILK COWS AND MILK PRODUCTION BY MONTHS, UNITED STATES

| MONTH | MILK COWS 1/ | | | MILK PER COW 2/ | | | MILK PRODUCTION 2/ | | | 1977 % CHANGE FROM 1976 |
|---------------|--------------|--------|--------|-----------------|--------|-------|--------------------|---------|--------|-------------------------------|
| | 1975 | 1976 | 1977 | 1975 | 1976 | 1977 | 1975 | 1976 | 1977 | |
| | THOUSANDS | | | POUNDS | | | MILLION POUNDS | | | PERCENT |
| JAN | 11,202 | 11,083 | 11,023 | 834 | 867 | 899 | 9,338 | 9,607 | 9,910 | +3.2 |
| FEB 3/ | 11,193 | 11,071 | 11,013 | 782 | 841 | 849 | 8,756 | 9,308 | 9,351 | +0.5 |
| MAR | 11,181 | 11,060 | 11,003 | 892 | 931 | 960 | 9,978 | 10,302 | 10,562 | +2.5 |
| APR | 11,172 | 11,058 | 10,989 | 903 | 948 | 977 | 10,088 | 10,480 | 10,741 | +2.5 |
| MAY | 11,156 | 11,047 | 10,978 | 966 | 1,006 | 1,029 | 10,773 | 11,108 | 11,295 | +1.7 |
| JUN | 11,141 | 11,044 | 10,963 | 937 | 979 | 1,013 | 10,444 | 10,816 | 11,103 | +2.7 |
| JUL | 11,131 | 11,041 | 10,965 | 896 | 947 | 977 | 9,969 | 10,453 | 10,715 | +2.5 |
| AUG | 11,120 | 11,041 | 10,973 | 858 | 916 | 949 | 9,546 | 10,112 | 10,410 | +2.9 |
| JAN-AUG TOTAL | | | | | | | 78,892 | 82,186 | 84,087 | +2.3 |
| SEP | 11,109 | 11,030 | | 817 | 872 | | 9,072 | 9,616 | | |
| OCT | 11,102 | 11,039 | | 827 | 874 | | 9,186 | 9,643 | | |
| NOV | 11,088 | 11,039 | | 797 | 836 | | 8,833 | 9,233 | | |
| DEC | 11,087 | 11,032 | | 843 | 877 | | 9,343 | 9,678 | | |
| ANNUAL | 11,140 | 11,049 | | 10,352 | 10,893 | | 115,326 | 120,356 | | |

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

3/ THE EXTRA DAY IN FEBRUARY 1976 ADDED 3.6 PERCENT TO MONTHLY OUTPUT.

MILK-FEED PRICE RATIOS, MILK PRICES, AND RATION VALUES, BY REGIONS AND UNITED STATES, AUGUST 1977, WITH COMPARISONS 1/

| REGION | MILK-FEED PRICE RATIO 2/ | | | ALL MILK PRICE PER CWT | | | RATION VALUE 3/ | | |
|--------|--------------------------|----------|----------|------------------------|----------|----------|-----------------|----------|----------|
| | AUG 1976 | JUL 1977 | AUG 1977 | AUG 1976 | JUL 1977 | AUG 1977 | AUG 1976 | JUL 1977 | AUG 1977 |
| | P O U N D S | | | D O L L A R S | | | | | |
| N ATL | 1.52 | 1.50 | 1.61 | 10.40 | 10.00 | 10.40 | 6.85 | 6.65 | 6.45 |
| N CENT | 1.51 | 1.61 | 1.76 | 9.32 | 9.04 | 9.14 | 6.16 | 5.60 | 5.20 |
| S ATL | 1.53 | 1.57 | 1.66 | 10.60 | 10.80 | 10.80 | 6.91 | 6.90 | 6.50 |
| S CENT | 1.48 | 1.52 | 1.62 | 9.95 | 9.91 | 9.97 | 6.73 | 6.50 | 6.15 |
| WEST | 1.46 | 1.60 | 1.69 | 9.48 | 9.54 | 9.74 | 6.51 | 5.95 | 5.75 |
| U S | 1.50 | 1.57 | 1.68 | 9.70 | 9.50 | 9.67 | 6.47 | 6.07 | 5.74 |

1/ DATA FOR CURRENT MONTH ARE PRELIMINARY.

2/ POUNDS OF CONCENTRATE RATION EQUAL IN VALUE TO 1 POUND MILK SOLD TO PLANTS.

3/ VALUE PER 100 POUNDS OF CONCENTRATE RATION FED TO MILK COWS.

AUGUST 1977 MILK COWS AND MILK PRODUCTION

| STATE | MILK COWS 1/ | | | MILK PER COW 2/ | | | MILK PRODUCTION 2/ | | | |
|--------------------|--------------|-------|-------|-----------------|------|------|--------------------|-------|---------|---------------------|
| | 1975 | 1976 | 1977 | 1975 | 1976 | 1977 | 1975 | 1976 | 1977 | 1977 AS PCT OF 1976 |
| | THOUSANDS | | | POUNDS | | | MILLION POUNDS | | PERCENT | |
| ALABAMA | 90 | 86 | 86 | 600 | 645 | 665 | 54 | 55 | 57 | 104 |
| ARKANSAS | 90 | 88 | 88 | 690 | 750 | 775 | 62 | 66 | 68 | 103 |
| CALIFORNIA | 798 | 818 | 817 | 1210 | 1260 | 1295 | 966 | 1031 | 1058 | 103 |
| COLORADO | 74 | 71 | 70 | 975 | 1020 | 1070 | 72 | 72 | 75 | 104 |
| FLORIDA | 196 | 202 | 201 | 780 | 775 | 785 | 153 | 157 | 158 | 101 |
| GEORGIA | 129 | 128 | 129 | 715 | 790 | 790 | 92 | 101 | 102 | 101 |
| IDAHO | 146 | 142 | 141 | 985 | 980 | 995 | 144 | 139 | 140 | 101 |
| ILLINOIS | 254 | 239 | 237 | 870 | 890 | 900 | 221 | 213 | 213 | 100 |
| INDIANA | 215 | 210 | 208 | 865 | 905 | 910 | 186 | 190 | 189 | 99 |
| IOWA | 401 | 392 | 385 | 815 | 875 | 925 | 327 | 343 | 356 | 104 |
| KANSAS | 143 | 139 | 139 | 810 | 890 | 890 | 116 | 124 | 124 | 100 |
| KENTUCKY | 286 | 281 | 278 | 720 | 760 | 830 | 206 | 214 | 231 | 108 |
| LOUISIANA | 136 | 137 | 132 | 610 | 640 | 685 | 83 | 88 | 90 | 102 |
| MARYLAND | 138 | 139 | 140 | 890 | 950 | 975 | 123 | 132 | 137 | 104 |
| MICHIGAN | 411 | 405 | 402 | 895 | 980 | 1020 | 368 | 397 | 410 | 103 |
| MINNESOTA | 882 | 872 | 865 | 710 | 790 | 810 | 626 | 689 | 701 | 102 |
| MISSISSIPPI | 120 | 117 | 112 | 640 | 650 | 670 | 77 | 76 | 75 | 99 |
| MISSOURI | 298 | 308 | 302 | 805 | 845 | 905 | 240 | 260 | 273 | 105 |
| NEBRASKA | 152 | 141 | 139 | 815 | 865 | 880 | 124 | 122 | 122 | 100 |
| NEW YORK | 915 | 910 | 914 | 875 | 895 | 925 | 801 | 814 | 845 | 104 |
| N. CAROLINA | 154 | 153 | 151 | 875 | 890 | 900 | 135 | 136 | 136 | 100 |
| N. DAKOTA | 122 | 116 | 112 | 650 | 660 | 715 | 79 | 77 | 80 | 104 |
| OHIO | 400 | 400 | 400 | 870 | 960 | 965 | 348 | 384 | 386 | 101 |
| OKLAHOMA | 118 | 117 | 115 | 740 | 805 | 835 | 87 | 94 | 96 | 102 |
| OREGON | 90 | 91 | 93 | 970 | 1000 | 1000 | 87 | 91 | 93 | 102 |
| PENNSYLVANIA | 703 | 707 | 703 | 845 | 905 | 950 | 594 | 640 | 668 | 104 |
| TENNESSEE | 215 | 210 | 207 | 765 | 815 | 860 | 164 | 171 | 178 | 104 |
| TEXAS | 329 | 320 | 314 | 800 | 850 | 895 | 263 | 272 | 281 | 103 |
| UTAH | 80 | 79 | 78 | 1000 | 1025 | 1050 | 80 | 81 | 82 | 101 |
| VERMONT | 194 | 193 | 195 | 870 | 905 | 905 | 169 | 175 | 176 | 101 |
| VIRGINIA | 158 | 163 | 165 | 950 | 970 | 1000 | 150 | 158 | 165 | 104 |
| WASHINGTON | 180 | 181 | 175 | 1130 | 1160 | 1245 | 203 | 210 | 218 | 104 |
| WISCONSIN | 1813 | 1805 | 1801 | 850 | 950 | 990 | 1541 | 1715 | 1783 | 104 |
| OTHER 17 3/ STATES | 690 | 681 | 679 | 877 | 918 | 948 | 605 | 625 | 644 | 103 |
| UNITED STATES | 11120 | 11041 | 10973 | 858 | 916 | 949 | 9546 | 10112 | 10410 | 103 |

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

3/ INCLUDES STATES FOR WHICH INDIVIDUAL MONTHLY ESTIMATES ARE NOT AVAILABLE.
