

# Cattle on Feed



**National  
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Released April 24, 1992, by the Agricultural Statistics Board. Inventory estimates refer to April 1, 1992. Placement and marketing estimates refer to the month of March and the quarter of January through March 1992.

## **Cattle on Feed Down 10 Percent in 13 Quarterly States**

Cattle and calves on feed for slaughter market in the 13 States preparing quarterly estimates totaled 9.70 million head, down 10 percent from a year ago and 4 percent below April 1, 1990. The inventory included 6.33 million steers and steer calves, 10 percent below a year ago. This group accounts for 65.3 percent of the total inventory. Heifers and heifer calves accounted for 3.31 million head, 9 percent below a year ago.

Placements of cattle and calves on feed in the 13 States during the January-March 1992 quarter totaled 5.39 million, down 5 percent from last year and 10 percent below January-March 1990. Net placements of 4.99 million for January-March was down 5 percent from last year and 11 percent from 1990.

Marketings of fed cattle during the January-March 1992 quarter totaled 5.42 million, up 2 percent from last year but 1 percent below two years ago.

Other disappearance totaled 404,000 head compared to 462,000 in January-March 1991 and 385,000 in January-March 1990.

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Index is located at the end of this report. For information call Glenda Shepler (202) 720-3040. Office hours are 8:00 a.m. to 4:30 p.m. ET.

### **Expected Marketings for April-June 1992 Down 3 Percent**

Cattle feeders expect to market 5.67 million head during the April-June quarter of 1992. This would be down 3 percent from the second quarter marketings in 1991 and 5 percent below 1990.

This report contains revisions that slightly decreased the previous quarter's inventory.

### **Cattle on Feed in 7 Monthly States Down 10 Percent**

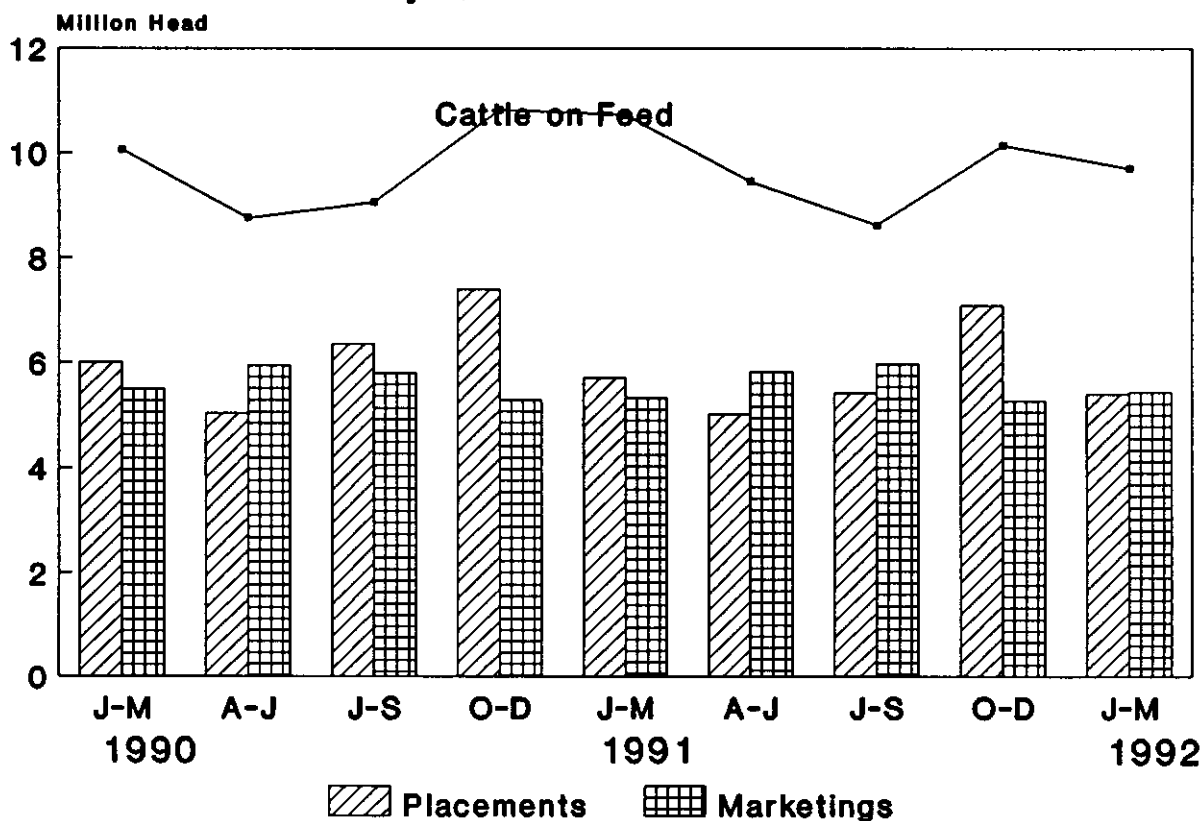
Cattle on feed April 1, 1992, in 7 monthly States totaled 8.02 million, down 10 percent from previous year and 5 percent below two years ago. Placements in feedlots during March totaled 1.50 million, 12 percent below 1991 and 20 percent below 1990.

Marketings during March totaled 1.52 million, up 1 percent from a year ago but 4 percent below 1990.

Other disappearance during March was 117,000 head, 15 percent below last year and 2 percent below 1990.

January-March 1992 quarterly marketings for the 7 States, at 4.60 million, was up 1 percent from 1991 but 2 percent below 1990. Marketings for the 7 States during the January-March quarter accounted for 85 percent of the 13 State total. Expected 7 State marketings for the April-June 1992 quarter are estimated at 4.79 million, down 4 percent from last year and 6 percent below 1990.

## Cattle on Feed, Placements, Marketings By Quarters For 13 States



Cattle on Feed, Placements, Marketings and Other Disappearance  
By Quarters, 13 States

| Date        | Inventory | Current Quarter |            |                     |
|-------------|-----------|-----------------|------------|---------------------|
|             |           | Placements      | Marketings | Other Disappearance |
| 1,000 Head  |           |                 |            |                     |
| Jan 1, 1990 | 9,943     | 6,003           | 5,498      | 385                 |
| Apr 1, 1990 | 10,063    | 5,041           | 5,943      | 400                 |
| Jul 1, 1990 | 8,761     | 6,358           | 5,796      | 261                 |
| Oct 1, 1990 | 9,062     | 7,401           | 5,289      | 347                 |
| Jan 1, 1991 | 10,827    | 5,702           | 5,328      | 462                 |
| Apr 1, 1991 | 10,739    | 5,006           | 5,820      | 464                 |
| Jul 1, 1991 | 9,461     | 5,414           | 5,973      | 282                 |
| Oct 1, 1991 | 8,620     | 7,086           | 5,262      | 309                 |
| Jan 1, 1992 | *10,135   | 5,393           | 5,421      | 404                 |
| Apr 1, 1992 | 9,703     |                 |            |                     |

\* Revised.

Cattle on Feed: Number on Feed, Placements, Marketings, and  
Other Disappearance, 13 States, Jan 1 - Apr 1, 1990-92

| Item   | Number                 |        |         | : 1992 as % of |      |
|--|------------------------|--------|---------|----------------|------|
|  | 1990                   | 1991   | 1992    | 1990           | 1991 |
|  | ----- 1,000 Head ----- |        |         | Percent        |      |
| On Feed Jan 1 -----                            | 9,943                  | 10,827 | *10,135 | 102            | 94   |
| Placed on Feed Jan 1 - Mar 31 <u>1</u> /-      | 6,003                  | 5,702  | 5,393   | 90             | 95   |
| Fed Cattle Marketed Jan 1 - Mar 31 <u>1</u> /- | 5,498                  | 5,328  | 5,421   | 99             | 102  |
| Other Disappearance Jan 1 - Mar 31 <u>2</u> /- | 385                    | 462    | 404     | 105            | 87   |
| On Feed Apr 1 -----                            | 10,063                 | 10,739 | 9,703   | 96             | 90   |
| Kinds on Feed Apr 1                            |                        |        |         |                |      |
| Steers and Steer Calves -----                  | 6,438                  | 7,023  | 6,334   | 98             | 90   |
| Heifers and Heifer Calves -----                | 3,562                  | 3,660  | 3,314   | 93             | 91   |
| Cows and Other -----                           | 63                     | 56     | 55      | 87             | 98   |
| Number on Feed by Weight Groups Apr 1          |                        |        |         |                |      |
| Steers and Steer Calves                        |                        |        |         |                |      |
| Less Than 500 Pounds -----                     | 171                    | 175    | 191     | 112            | 109  |
| 500-699 Pounds -----                           | 770                    | 787    | 801     | 104            | 102  |
| 700-899 Pounds -----                           | 2,511                  | 2,683  | 2,342   | 93             | 87   |
| 900-1,099 Pounds -----                         | 2,389                  | 2,604  | 2,226   | 93             | 85   |
| 1,100 Pounds and Over -----                    | 597                    | 774    | 774     | 130            | 100  |
| Heifers and Heifer Calves                      |                        |        |         |                |      |
| Less Than 500 Pounds -----                     | 79                     | 80     | 80      | 101            | 100  |
| 500-699 Pounds -----                           | 717                    | 704    | 620     | 86             | 88   |
| 700-899 Pounds -----                           | 1,802                  | 1,783  | 1,524   | 85             | 85   |
| 900-1099 Pounds -----                          | 885                    | 972    | 886     | 100            | 91   |
| 1,100 Pounds and Over -----                    | 79                     | 121    | 204     | 258            | 169  |
| Marketings Apr - Jun <u>3</u> / -----          | 5,943                  | 5,820  | 5,670   | 95             | 97   |

1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter.

2/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.

3/ Total marketings including those placed on feed after Apr 1 and marketed before Jun 30 for previous years; expected total marketings including an allowance for those placed on feed after Apr 1 and marketed before Jun 30 for current year.

\* Revised.

Cattle on Feed: Number on Feed by Quarter, State,  
and 13 State Total, Apr 1, 1991, Jan 1, and Apr 1, 1992 1/

| State  | Apr 1, 1991            |         | Jan 1, 1992 |     | Apr 1, 1992 <u>1/</u> |  |
|--------|------------------------|---------|-------------|-----|-----------------------|--|
|        | Number                 |         | Number      |     | as % of 1991          |  |
|        | ----- 1,000 Head ----- |         |             |     | Percent               |  |
| AZ     | 201                    | 217     | 203         | 101 |                       |  |
| CA     | 380                    | 380     | 325         | 86  |                       |  |
| CO     | 930                    | 930     | 910         | 98  |                       |  |
| ID     | 275                    | 280     | 260         | 95  |                       |  |
| IL     | 345                    | 340     | 295         | 86  |                       |  |
| IA     | 1,070                  | 880     | 840         | 79  |                       |  |
| KS     | 1,760                  | 1,820   | 1,810       | 103 |                       |  |
| MN     | 340                    | 310     | 320         | 94  |                       |  |
| NE     | 2,370                  | 1,990   | 1,960       | 83  |                       |  |
| OK     | 340                    | *345    | 355         | 104 |                       |  |
| SD     | 320                    | 290     | 290         | 91  |                       |  |
| TX     | 2,230                  | 2,180   | 1,970       | 88  |                       |  |
| WA     | 178                    | 173     | 165         | 93  |                       |  |
| 13 Sts | 10,739                 | *10,135 | 9,703       | 90  |                       |  |

1/ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. \* Revised.

Cattle on Feed: Number Placed on Feed, by Quarter,  
State, and 13 State Total, Oct-Dec 1991 and Jan-Mar 1991-92 1/

| State  | Jan-Mar 1991           |       | Oct-Dec 1991 |     | Jan - Mar 1992 |  |
|--------|------------------------|-------|--------------|-----|----------------|--|
|        | Number                 |       | Number       |     | as % of 1991   |  |
|        | ----- 1,000 Head ----- |       |              |     | Percent        |  |
| AZ     | 64                     | 132   | 63           | 98  |                |  |
| CA     | 225                    | 230   | 185          | 82  |                |  |
| CO     | 570                    | 685   | 580          | 102 |                |  |
| ID     | 155                    | 215   | 160          | 103 |                |  |
| IL     | 95                     | 190   | 95           | 100 |                |  |
| IA     | 385                    | 720   | 345          | 90  |                |  |
| KS     | 1,075                  | 1,230 | 1,135        | 106 |                |  |
| MN     | 100                    | 205   | 110          | 110 |                |  |
| NE     | 1,390                  | 1,430 | 1,250        | 90  |                |  |
| OK     | 225                    | 220   | 225          | 100 |                |  |
| SD     | 150                    | 235   | 145          | 97  |                |  |
| TX     | 1,170                  | 1,485 | 995          | 85  |                |  |
| WA     | 98                     | 109   | 105          | 107 |                |  |
| 13 Sts | 5,702                  | 7,086 | 5,393        | 95  |                |  |

1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter.

Cattle on Feed: Fed Cattle Marketed, Other Disappearance,  
by Quarter, State, and 13 State Total, Oct-Dec 1991 and Jan-Mar 1991-92

| State  | Fed Cattle Marketed <u>1/</u> |                     |                               |                                 | Other Disappearance <u>2/</u> |                     |                               |                                 |
|--------|-------------------------------|---------------------|-------------------------------|---------------------------------|-------------------------------|---------------------|-------------------------------|---------------------------------|
|        | Jan-<br>Mar<br>1991           | Oct-<br>Dec<br>1991 | Jan-Mar<br>Number:<br>of 1991 | Jan-Mar 1992<br>as %<br>of 1991 | Jan-<br>Mar<br>1991           | Oct-<br>Dec<br>1991 | Jan-Mar<br>Number:<br>of 1991 | Jan-Mar 1992<br>as %<br>of 1991 |
|        | ----- 1,000 Head -----        |                     | Percent                       |                                 | ----- 1,000 Head ---          |                     | Percent                       |                                 |
| AZ     | 87                            | 49                  | 66                            | 76                              | 8                             | 17                  | 11                            | 138                             |
| CA     | 200                           | 170                 | 180                           | 90                              | 65                            | 35                  | 60                            | 92                              |
| CO     | 585                           | 500                 | 570                           | 97                              | 35                            | 25                  | 30                            | 86                              |
| ID     | 148                           | 130                 | 155                           | 105                             | 22                            | 30                  | 25                            | 114                             |
| IL     | 110                           | 115                 | 130                           | 118                             | 10                            | 10                  | 10                            | 100                             |
| IA     | 310                           | 450                 | 355                           | 115                             | 35                            | 20                  | 30                            | 86                              |
| KS     | 1,030                         | 920                 | 1,095                         | 106                             | 35                            | 40                  | 50                            | 143                             |
| MN     | 90                            | 110                 | 90                            | 100                             | 10                            | 10                  | 10                            | 100                             |
| NE     | 1,130                         | 1,180               | 1,190                         | 105                             | 140                           | 60                  | 90                            | 64                              |
| OK     | 205                           | *185                | 205                           | 100                             | 10                            | 5                   | 10                            | 100                             |
| SD     | 120                           | 130                 | 135                           | 113                             | 30                            | 5                   | 10                            | 33                              |
| TX     | 1,220                         | 1,215               | 1,140                         | 93                              | 50                            | 50                  | 65                            | 130                             |
| WA     | 93                            | 108                 | 110                           | 118                             | 12                            | 2                   | 3                             | 25                              |
| 13 Sts | 5,328                         | *5,262              | 5,421                         | 102                             | 462                           | 309                 | 404                           | 87                              |

1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter 2/ includes death losses, movement from feedlots to pastures, and shipments to other feedlots for further feeding. \* Revised.

Cattle on Feed: Expected Total Marketings by State,  
and 13 State Total, Apr 1 - Jun 30, 1992 With Comparisons

| State  | Total Marketings<br>Apr-Jun, 1991 <u>1/</u> |   | Expected Total Marketings<br>Apr-Jun, 1992 <u>2/</u> |              |
|--------|---|---|--|--------------|
|        | Number                                      | : | Number   | as % of 1991 |
|        | ----- 1,000 Head -----                      |   | Percent  |              |
| AZ     | 97  | : | 90   | 93           |
| CA     | 180   | : | 140  | 78           |
| CO     | 520   | : | 510  | 98           |
| ID     | 150   | : | 150  | 100          |
| IL     | 135   | : | 135  | 100          |
| IA     | 430   | : | 450  | 105          |
| KS     | 1,060                                       | : | 1,100  | 104          |
| MN     | 140   | : | 125  | 89           |
| NE     | 1,340                                       | : | 1,300  | 97           |
| OK     | 195   | : | 220  | 113          |
| SD     | 120   | : | 140  | 117          |
| TX     | 1,355                                       | : | 1,200  | 89           |
| WA     | 98  | : | 110  | 112          |
| 13 Sts | 5,820                                       | : | 5,670  | 97           |

1/ Total marketings of cattle including those placed on feed after Apr 1 and marketed before Jun 30. 2/ Expected total marketings including an allowance for those placed on feed after Apr 1 and marketed before Jun 30.

Cattle on Feed: Number on Feed by Classes, Quarter, State,  
and 13 State Total, Apr 1, 1991, Jan 1, and Apr 1, 1992

|         | : Steers: Steer Calves |        | : Heifers: Heifer Calves: |        | Cows and Others |        |        |        |        |
|---------|------------------------|--------|---------------------------|--------|-----------------|--------|--------|--------|--------|
| State:  | Apr 1,                 | Jan 1, | Apr 1,                    | Apr 1, | Jan 1,          | Apr 1, | Apr 1, | Jan 1, | Apr 1, |
|         | 1991                   | 1992   | 1992                      | 1991   | 1992            | 1992   | 1991   | 1992   | 1992   |
|         | 1,000 Head             |        |                           |        |                 |        |        |        |        |
| AZ      | 193                    | *205   | 194                       | 8      | 12              | 9      | 0      | 0      | 0      |
| CA      | 296                    | 335    | 257                       | 77     | 44              | 66     | 7      | 1      | 2      |
| CO      | 590                    | 551    | 560                       | 335    | 361             | 335    | 5      | 18     | 15     |
| ID      | 189                    | 190    | 181                       | 81     | 83              | 72     | 5      | 7      | 7      |
| IL      | 185                    | 199    | 150                       | 160    | 141             | 145    | 0      | 0      | 0      |
| IA      | 720                    | 585    | 510                       | 340    | 290             | 325    | 10     | 5      | 5      |
| KS      | 1,179                  | 1,238  | 1,210                     | 581    | 582             | 600    | 0      | 0      | 0      |
| MN      | 235                    | 227    | 235                       | 104    | 80              | 83     | 1      | 3      | 2      |
| NE      | 1,420                  | 1,190  | 1,190                     | 930    | 780             | 750    | 20     | 20     | 20     |
| OK      | 216                    | *228   | 236                       | 120    | *117            | 119    | 4      | 0      | 0      |
| SD      | 199                    | 170    | 171                       | 119    | 115             | 117    | 2      | 5      | 2      |
| TX      | 1,490                  | 1,502  | 1,338                     | 738    | 676             | 630    | 2      | 2      | 2      |
| WA      | 111                    | 105    | 102                       | 67     | 67              | 63     | 0      | 1      | 0      |
| 13 Sts: | 7,023                  | *6,725 | 6,334                     | 3,660  | *3,348          | 3,314  | 56     | 62     | 55     |

\* Revised.

Cattle on Feed: Steers and Steer Calves on Feed by Weight Group,  
Quarters, State, and 13 State Total, Apr 1, 1991, Jan 1, and Apr 1, 1992

|  | Under 500 Pounds |             |             | 500-699 Pounds |             |             | 700-899 Pounds |             |             |
|--|------------------|-------------|-------------|----------------|-------------|-------------|----------------|-------------|-------------|
|  | Apr 1, 1991      | Jan 1, 1992 | Apr 1, 1992 | Apr 1, 1991    | Jan 1, 1992 | Apr 1, 1992 | Apr 1, 1991    | Jan 1, 1992 | Apr 1, 1992 |
| 1,000 Head                               |                  |             |             |                |             |             |                |             |             |
| AZ                                       | 32               | *38         | 24          | 36             | *66         | 45          | 59             | *66         | 66          |
| CA                                       | 41               | 65          | 50          | 53             | 100         | 100         | 118            | 80          | 50          |
| CO                                       | 6                | 11          | 10          | 59             | 89          | 55          | 242            | 190         | 320         |
| ID                                       | 3                | 1           | 0           | 31             | 36          | 20          | 63             | 38          | 65          |
| IL                                       | 8                | 17          | 10          | 29             | 50          | 26          | 67             | 54          | 50          |
| IA                                       | 15               | 30          | 20          | 85             | 150         | 90          | 295            | 160         | 190         |
| KS                                       | 12               | 37          | 10          | 106            | 173         | 96          | 484            | 384         | 427         |
| MN                                       | 15               | 25          | 22          | 37             | 59          | 50          | 81             | 60          | 72          |
| NE                                       | 10               | 10          | 10          | 90             | 175         | 80          | 480            | 305         | 390         |
| OK                                       | 2                | 2           | 3           | 21             | 26          | 24          | 98             | *76         | 99          |
| SD                                       | 1                | 6           | 4           | 27             | 50          | 27          | 75             | 38          | 63          |
| TX                                       | 30               | 39          | 27          | 209            | 198         | 187         | 581            | 556         | 522         |
| WA                                       | 0                | 2           | 1           | 4              | 7           | 1           | 40             | 27          | 28          |
| 13 Sts:                                  | 175              | *283        | 191         | 787            | *1,179      | 801         | 2,683          | *2,034      | 2,342       |
| 900-1,099 Pounds : 1,100 Pounds and Over |                  |             |             |                |             |             |                |             |             |
| 1,000 Head                               |                  |             |             |                |             |             |                |             |             |
| AZ                                       | 56               | *30         |             | 52             |             | 10          | 5              |             | 7           |
| CA                                       | 48               | 70          |             | 50             |             | 36          | 20             |             | 7           |
| CO                                       | 219              | 183         |             | 130            |             | 64          | 78             |             | 45          |
| ID                                       | 48               | 68          |             | 68             |             | 44          | 47             |             | 28          |
| IL                                       | 56               | 54          |             | 43             |             | 25          | 24             |             | 21          |
| IA                                       | 240              | 140         |             | 140            |             | 85          | 105            |             | 70          |
| KS                                       | 471              | 409         |             | 531            |             | 106         | 235            |             | 146         |
| MN                                       | 71               | 50          |             | 58             |             | 31          | 33             |             | 33          |
| NE                                       | 655              | 340         |             | 490            |             | 185         | 360            |             | 220         |
| OK                                       | 83               | *87         |             | 95             |             | 12          | 37             |             | 15          |
| SD                                       | 74               | 40          |             | 53             |             | 22          | 36             |             | 24          |
| TX                                       | 536              | 451         |             | 468            |             | 134         | 258            |             | 134         |
| WA                                       | 47               | 37          |             | 48             |             | 20          | 32             |             | 24          |
| 13 Sts:                                  | 2,604            | *1,959      |             | 2,226          |             | 774         | 1,270          |             | 774         |

\* Revised.

Cattle on Feed: Heifers and Heifer Calves on Feed by Weight Group,  
Quarter, State, and 13 State Total, Apr 1, 1991, Jan 1, and Apr 1, 1992

|         | Under 500 Pounds |             |             | 500-699 Pounds        |             |             | 700-899 Pounds |             |             |
|---------|------------------|-------------|-------------|-----------------------|-------------|-------------|----------------|-------------|-------------|
| State:  | Apr 1, 1991      | Jan 1, 1992 | Apr 1, 1992 | Apr 1, 1991           | Jan 1, 1992 | Apr 1, 1992 | Apr 1, 1991    | Jan 1, 1992 | Apr 1, 1992 |
|         | 1,000 Head       |             |             |                       |             |             |                |             |             |
| AZ      | 2                | *5          | 1           | 3                     | 4           | 3           | 1              | *2          | 3           |
| CA      | 10               | 3           | 3           | 18                    | 17          | 15          | 31             | 7           | 15          |
| CO      | 4                | 9           | 2           | 50                    | 63          | 53          | 200            | 153         | 220         |
| ID      | 1                | 3           | 1           | 19                    | 21          | 15          | 35             | 23          | 30          |
| IL      | 5                | 14          | 6           | 38                    | 47          | 27          | 67             | 43          | 58          |
| IA      | 10               | 25          | 20          | 80                    | 110         | 100         | 160            | 75          | 120         |
| KS      | 12               | 23          | 8           | 110                   | 116         | 89          | 302            | 221         | 295         |
| MN      | 2                | 10          | 6           | 22                    | 38          | 26          | 50             | 18          | 28          |
| NE      | 10               | 20          | 10          | 125                   | 150         | 110         | 440            | 220         | 290         |
| OK      | 1                | 1           | 2           | 32                    | 27          | 20          | 57             | *49         | 67          |
| SD      | 1                | 8           | 2           | 27                    | 39          | 29          | 60             | 23          | 48          |
| TX      | 22               | 20          | 19          | 177                   | 203         | 132         | 347            | 317         | 321         |
| WA      | 0                | 0           | 0           | 3                     | 5           | 1           | 33             | 20          | 29          |
| 13 Sts: | 80               | *141        | 80          | 704                   | 840         | 620         | 1,783          | *1,171      | 1,524       |
|         | 900-1,099 Pounds |             |             | 1,100 Pounds and Over |             |             |                |             |             |
|         | Apr 1, 1991      | Jan 1, 1992 | Apr 1, 1992 | Apr 1, 1991           | Apr 1, 1991 | Jan 1, 1992 | Apr 1, 1992    | Apr 1, 1992 | Apr 1, 1992 |
|         | 1,000 Head       |             |             |                       |             |             |                |             |             |
| AZ      | 2                | 1           | 2           | 0                     | 0           | 0           | 0              | 0           | 0           |
| CA      | 16               | 15          | 23          | 2                     | 2           | 2           | 2              | 10          | 10          |
| CO      | 73               | 115         | 55          | 8                     | 8           | 21          | 21             | 5           | 5           |
| ID      | 22               | 28          | 20          | 4                     | 4           | 8           | 8              | 6           | 6           |
| IL      | 45               | 30          | 46          | 5                     | 5           | 7           | 7              | 8           | 8           |
| IA      | 80               | 60          | 70          | 10                    | 10          | 20          | 20             | 15          | 15          |
| KS      | 145              | 199         | 183         | 12                    | 12          | 23          | 23             | 25          | 25          |
| MN      | 24               | 10          | 18          | 6                     | 6           | 4           | 4              | 5           | 5           |
| NE      | 315              | 290         | 240         | 40                    | 40          | 100         | 100            | 100         | 100         |
| OK      | 27               | 33          | 28          | 3                     | 3           | 7           | 7              | 2           | 2           |
| SD      | 25               | 33          | 30          | 6                     | 6           | 12          | 12             | 8           | 8           |
| TX      | 170              | 95          | 145         | 22                    | 22          | 41          | 41             | 13          | 13          |
| WA      | 28               | 35          | 26          | 3                     | 3           | 7           | 7              | 7           | 7           |
| 13 Sts: | 972              | 944         | 886         | 121                   | 121         | 252         | 252            | 204         | 204         |

\* Revised.

Cattle on Feed: Number on Feed, Placements, Marketings and Other  
Disappearance, 7 States, Jan 1 - Apr 1, 1990-92

| Item   | Number     |       |       | 1992 as % of |      |
|--|------------|-------|-------|--------------|------|
|  | 1990       | 1991  | 1992  | 1990         | 1991 |
|  | 1,000 Head |       |       | Percent      |      |
| On Feed Jan 1 -----                            | 8,378      | 8,992 | 8,397 | 100          | 93   |
| Placed on Feed Jan 1 - Mar 31 <u>1</u> /-      | 5,126      | 4,879 | 4,553 | 89           | 93   |
| Fed Cattle Marketed Jan 1 - Mar 31 <u>1</u> /- | 4,692      | 4,562 | 4,596 | 98           | 101  |
| Other Disappearance Jan 1 - Mar 31 <u>2</u> /- | 329        | 368   | 336   | 102          | 91   |
| On Feed Apr 1 -----                            | 8,483      | 8,941 | 8,018 | 95           | 90   |
| Kinds on Feed Apr 1                            |            |       |       |              |      |
| Steers and Steer Calves -----                  | 5,457      | 5,888 | 5,259 | 96           | 89   |
| Heifers and Heifer Calves -----                | 2,978      | 3,009 | 2,715 | 91           | 90   |
| Cows and Other -----                           | 48         | 44    | 44    | 92           | 100  |
| Number on Feed by Weight Groups Apr 1          |            |       |       |              |      |
| Steers and Steer Calves                        |            |       |       |              |      |
| Less Than 500 Pounds -----                     | 152        | 146   | 151   | 99           | 103  |
| 500-699 Pounds -----                           | 659        | 638   | 653   | 99           | 102  |
| 700-899 Pounds -----                           | 2,142      | 2,259 | 1,965 | 92           | 87   |
| 900-1,099 Pounds -----                         | 2,028      | 2,225 | 1,861 | 92           | 84   |
| 1,100 Pounds and Over -----                    | 476        | 620   | 629   | 132          | 101  |
| Heifers and Heifer Calves                      |            |       |       |              |      |
| Less Than 500 Pounds -----                     | 73         | 70    | 63    | 86           | 90   |
| 500-699 Pounds -----                           | 610        | 563   | 502   | 82           | 89   |
| 700-899 Pounds -----                           | 1,513      | 1,481 | 1,264 | 84           | 85   |
| 900-1,099 Pounds -----                         | 727        | 801   | 718   | 99           | 90   |
| 1,100 Pounds and Over -----                    | 55         | 94    | 168   | 305          | 179  |
| Marketings Apr - Jun <u>3</u> / -----          | 5,109      | 4,982 | 4,790 | 94           | 96   |

- 1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter.
- 2/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.
- 3/ Total marketings including those placed on feed after Apr 1 and marketed before Jun 30 for previous years; expected total marketings including an allowance for those placed on feed after Apr 1 and marketed before Jun 30 for current year.

Cattle on Feed: Number on Feed, Placements, Marketings, and Other  
Disappearance, by State and 7 State Total,  
Oct 1 - Dec 1, 1990-91 and Jan 1 - Apr 1, 1991-92

| State: | Number on Feed |             |            | Placed      |            |             | Marketed   |             |            | Other Disappear. |    |     |
|--------|----------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|------------------|----|-----|
|        | 1990           | 1991:91/90: | 1990       | 1991:91/90: | 1990       | 1991:91/90: | 1990       | 1991:91/90: | 1990       | 1991:91/90:      |    |     |
|        | 1,000 Head     | Pct         | 1,000 Head | Pct         | 1,000 Head | Pct         | 1,000 Head | Pct         | 1,000 Head | Pct              |    |     |
|        | Oct 1          |             | During Oct |             | During Oct |             | During Oct |             | During Oct |                  |    |     |
| AZ     | 180            | 151         | 84         | 46          | 59         | 128         | 20         | 15          | 75         | 2                | 2  | 100 |
| CA     | 450            | 355         | 79         | 90          | 80         | 89          | 70         | 55          | 79         | 15               | 10 | 67  |
| CO     | 790            | 770         | 97         | 350         | 330        | 94          | 180        | 185         | 103        | 10               | 10 | 100 |
| IA     | 775            | 630         | 81         | 260         | 250        | 96          | 190        | 165         | 87         | 5                | 5  | 100 |
| KS     | 1,560          | 1,550       | 99         | 530         | 510        | 96          | 310        | 325         | 105        | 10               | 15 | 150 |
| NE     | 1,760          | 1,800       | 102        | 750         | 620        | 83          | 370        | 440         | 119        | 20               | 20 | 100 |
| TX     | 2,120          | 1,960       | 92         | 700         | 690        | 99          | 465        | 480         | 103        | 25               | 15 | 60  |
| 7 Sts: | 7,635          | 7,216       | 95         | 2,726       | 2,539      | 93          | 1,605      | 1,665       | 104        | 87               | 77 | 89  |
|        | Nov 1          |             | During Nov |             | During Nov |             | During Nov |             | During Nov |                  |    |     |
| AZ     | 204            | 193         | 95         | 42          | 52         | 124         | 17         | 16          | 94         | 5                | 2  | 40  |
| CA     | 455            | 370         | 81         | 85          | 80         | 94          | 70         | 55          | 79         | 15               | 10 | 67  |
| CO     | 950            | 905         | 95         | 225         | 195        | 87          | 150        | 165         | 110        | 15               | 10 | 67  |
| IA     | 840            | 710         | 85         | 295         | 245        | 83          | 180        | 150         | 83         | 5                | 5  | 100 |
| KS     | 1,770          | 1,720       | 97         | 340         | 380        | 112         | 305        | 260         | 85         | 15               | 10 | 67  |
| NE     | 2,120          | 1,960       | 92         | 590         | 490        | 83          | 410        | 330         | 80         | 20               | 20 | 100 |
| TX     | 2,330          | 2,155       | 92         | 410         | 475        | 116         | 390        | 400         | 103        | 20               | 20 | 100 |
| 7 Sts: | 8,669          | 8,013       | 92         | 1,987       | 1,917      | 96          | 1,522      | 1,376       | 90         | 95               | 77 | 81  |
|        | Dec 1          |             | During Dec |             | During Dec |             | During Dec |             | During Dec |                  |    |     |
| AZ     | 224            | 227         | 101        | 28          | 21         | 75          | 14         | 18          | 129        | 6                | 13 | 217 |
| CA     | 455            | 385         | 85         | 65          | 70         | 108         | 80         | 60          | 75         | 20               | 15 | 75  |
| CO     | 1,010          | 925         | 92         | 125         | 160        | 128         | 145        | 150         | 103        | 10               | 5  | 50  |
| IA     | 950            | 800         | 84         | 210         | 225        | 107         | 110        | 135         | 123        | 20               | 10 | 50  |
| KS     | 1,790          | 1,830       | 102        | 290         | 340        | 117         | 320        | 335         | 105        | 10               | 15 | 150 |
| NE     | 2,280          | 2,100       | 92         | 380         | 320        | 84          | 380        | 410         | 108        | 30               | 20 | 67  |
| TX     | 2,330          | 2,210       | 95         | 335         | 320        | 96          | 310        | 335         | 108        | 25               | 15 | 60  |
| 7 STS: | 9,039          | 8,477       | 94         | 1,433       | 1,456      | 102         | 1,359      | 1,443       | 106        | 121              | 93 | 77  |

--continued

Cattle on Feed: Number on Feed, Placements, Marketings, and Other  
Disappearance, by State and 7 State Total,  
Oct 1 - Apr 1, 1990-91 and Jan 1 - Apr 1, 1991-92 (continued)

| State: | Number on Feed |             |            | Placed     |             |       | Marketed   |             |            | Other Disappear. |             |       |
|--------|----------------|-------------|------------|------------|-------------|-------|------------|-------------|------------|------------------|-------------|-------|
|        | 1991           | 1992:92/91: | 1991:      | 1991       | 1992:92/91: | 1991: | 1991       | 1992:92/91: | 1991:      | 1991             | 1992:92/91: | 1991: |
|        | 1,000 Head     | Pct         | 1,000 Head | Pct        | 1,000 Head  | Pct   | 1,000 Head | Pct         | 1,000 Head | Pct              | 1,000 Head  | Pct   |
|        | Jan 1          |             |            | During Jan |             |       | During Jan |             |            | During Jan       |             |       |
| AZ     | 232            | 217         | 94         | 26         | 20          | 77    | 27         | 20          | 74         | 3                | 4           | 133   |
| CA     | 420            | 380         | 90         | 85         | 75          | 88    | 70         | 65          | 93         | 15               | 10          | 67    |
| CO     | 980            | 930         | 95         | 160        | 160         | 100   | 215        | 195         | 91         | 10               | 10          | 100   |
| IA     | 1,030          | 880         | 85         | 155        | 130         | 84    | 110        | 125         | 114        | 15               | 10          | 67    |
| KS     | 1,750          | 1,820       | 104        | 400        | 415         | 104   | 390        | 405         | 104        | 10               | 20          | 200   |
| NE     | 2,250          | 1,990       | 88         | 510        | 460         | 90    | 430        | 470         | 109        | 50               | 30          | 60    |
| TX     | 2,330          | 2,180       | 94         | 385        | 305         | 79    | 390        | 380         | 97         | 15               | 15          | 100   |
| 7 Sts: | 8,992          | 8,397       | 93         | 1,721      | 1,565       | 91    | 1,632      | 1,660       | 102        | 118              | 99          | 84    |
|        | Feb 1          |             |            | During Feb |             |       | During Feb |             |            | During Feb       |             |       |
| AZ     | 228            | 213         | 93         | 20         | 17          | 85    | 26         | 20          | 77         | 3                | 5           | 167   |
| CA     | 420            | 380         | 90         | 80         | 55          | 69    | 65         | 55          | 85         | 15               | 20          | 133   |
| CO     | 915            | 885         | 97         | 180        | *210        | 117   | 190        | *205        | 108        | 10               | 10          | 100   |
| IA     | 1,060          | 875         | 83         | 105        | 115         | 110   | 95         | 100         | 105        | 10               | 10          | 100   |
| KS     | 1,750          | 1,810       | 103        | 315        | 350         | 111   | 315        | 330         | 105        | 10               | 20          | 200   |
| NE     | 2,280          | 1,950       | 86         | 440        | 450         | 102   | 350        | 370         | 106        | 50               | 30          | 60    |
| TX     | 2,310          | 2,090       | 90         | 315        | 295         | 94    | 390        | 340         | 87         | 15               | 25          | 167   |
| 7 Sts: | 8,963          | 8,203       | 92         | 1,455      | *1,492      | 103   | 1,431      | *1,420      | 99         | 113              | 120         | 106   |
|        | Mar 1          |             |            | During Mar |             |       | During Mar |             |            | During Mar       |             |       |
| AZ     | 219            | 205         | 94         | 18         | 26          | 144   | 34         | 26          | 76         | 2                | 2           | 100   |
| CA     | 420            | 360         | 86         | 60         | 55          | 92    | 65         | 60          | 92         | 35               | 30          | 86    |
| CO     | 895            | 880         | 98         | 230        | 210         | 91    | 180        | 170         | 94         | 15               | 10          | 67    |
| IA     | 1,060          | 880         | 83         | 125        | 100         | 80    | 105        | 130         | 124        | 10               | 10          | 100   |
| KS     | 1,740          | 1,810       | 104        | 360        | 370         | 103   | 325        | 360         | 111        | 15               | 10          | 67    |
| NE     | 2,320          | 2,000       | 86         | 440        | 340         | 77    | 350        | 350         | 100        | 40               | 30          | 75    |
| TX     | 2,220          | 2,020       | 91         | 470        | 395         | 84    | 440        | 420         | 95         | 20               | 25          | 125   |
| 7 Sts: | 8,874          | 8,155       | 92         | 1,703      | 1,496       | 88    | 1,499      | 1,516       | 101        | 137              | 117         | 85    |
|        | Apr 1          |             |            |            |             |       |            |             |            |                  |             |       |
| AZ     | 201            | 203         | 101        |            |             |       |            |             |            |                  |             |       |
| CA     | 380            | 325         | 86         |            |             |       |            |             |            |                  |             |       |
| CO     | 930            | 910         | 98         |            |             |       |            |             |            |                  |             |       |
| IA     | 1,070          | 840         | 79         |            |             |       |            |             |            |                  |             |       |
| KS     | 1,760          | 1,810       | 103        |            |             |       |            |             |            |                  |             |       |
| NE     | 2,370          | 1,960       | 83         |            |             |       |            |             |            |                  |             |       |
| TX     | 2,230          | 1,970       | 88         |            |             |       |            |             |            |                  |             |       |
| 7 Sts: | 8,941          | 8,018       | 90         |            |             |       |            |             |            |                  |             |       |

\* Revised.

Cattle on Feed: Number on Feed, Placements, Marketings, and Other  
Disappearance, 7 States, Mar 1 - Apr 1

| Item                                     | Number     |       |       | 1992 as % of |      |
|--|------------|-------|-------|--------------|------|
|  | 1990       | 1991  | 1992  | 1990         | 1991 |
|  | 1,000 Head |       |       | Percent      |      |
| On Feed Mar 1 <u>1/</u>                  | 8,319      | 8,874 | 8,155 | 98           | 92   |
| Placed on Feed During Mar                | 1,862      | 1,703 | 1,496 | 80           | 88   |
| Fed Cattle Marketed During Mar           | 1,578      | 1,499 | 1,516 | 96           | 101  |
| Other Disappearance During Mar <u>2/</u> | 120        | 137   | 117   | 98           | 85   |
| On Feed Apr 1 <u>1/</u>                  | 8,483      | 8,941 | 8,018 | 95           | 90   |

- 1/ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better.
- 2/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.

## Reliability of April 1 Cattle on Feed Estimates

**Terminology:** Cattle on feed are animals being fed a ration of grain, silage, hay and/or protein supplement for slaughter market that are expected to produce a carcass that will grade select or better. It excludes cattle being "backgrounded only" for later sale as feeders or later placement in another feedlot.

**Placements** are cattle put into a feedlot, fed a ration which will produce a carcass that will grade select or better, and are intended for the slaughter market.

**Marketings** are cattle shipped out of feedlots to a slaughter market.

**Other disappearance** includes death losses, movement from feedlots to pastures, and shipments to other feedlots for further feeding.

**Survey Procedures:** A random sample of producers in the 13 major cattle on feed states were surveyed to provide data for these estimates. Survey procedures ensured that all cattle on feed producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 6,300 operators during the first half of April by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of April 1.

**Estimation Procedures:** These cattle on feed estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. Regional and State survey data were reviewed for reasonableness with each other and with estimates from the previous month and/or quarter when setting the current estimates.

**Revision Policy:** Revisions to previous estimates are made to improve month to month and/or quarter to quarter relationships. Estimates for the previous month are subject to revision in the 7 monthly states when each current monthly estimate is made. Estimates for the previous quarter are subject to revision in all 13 states each quarter when current quarterly estimates are made. In January, all monthly and quarterly estimates are reviewed and subject to revisions. The reviews are primarily based on slaughter data, state check-off or brand data, and any other data that may have been received after the original estimate was made. Estimates will also be reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date and estimates become final.

**Reliability:** Since all cattle on feed operators are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and latest estimates. The "Root Mean Square Error" for cattle on feed inventory estimates over the past 10 years is 2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 9.7 million head by more than 2 percent, or about 194,000 head. Chances are 9 out of 10 that the difference will not exceed 3.6 percent, or about 349,000 head (the 90 percent confidence level). The table below also shows a 10 year record of the range of differences between first and latest estimates for selected items. Using estimates of all cattle on feed as an example, changes between the first inventory estimate and the latest estimate during the past 10 years have averaged 102,000 head, ranging from 0 to 330,000 head. During this period the initial inventory estimate has been below the latest estimate 5 times and above the final estimate 1 time. This does not imply that the April 1 estimate is likely to understate or overstate final inventory.

Reliability of April 1 Cattle on Feed Estimates 1/

|                               | Root Mean Square Error | 90% Confidence Level | Difference Between First and Latest Estimates |          |         | Number of Quarters |                    |
|-------------------------------|------------------------|----------------------|---|----------|---------|--------------------|--------------------|
|                               |                        |                      | Average                                       | Smallest | Largest | First Above Latest | First Below Latest |
|                               | Percent                |                      | 1,000 Head                                    |          |         | Number             |                    |
| Inventory                     | 2.0                    | 3.6                  | 102   | 0        | 330     | 1                  | 5                  |
| Placements                    | 1.2                    | 2.2                  | -27   | 0        | -190    | 5                  | 4                  |
| Marketings                    | 1.4                    | 2.6                  | -19   | 0        | -210    | 4                  | 4                  |
| Expected Marketings <u>2/</u> | 3.6                    | 6.6                  | -83   | -3       | -555    | 8                  | 2                  |

1/ Based on April 1 estimates for the past 10 years.

2/ Expected marketings for the April-June period compared to actual marketings for the quarter.

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