

# Cattle On Feed



National  
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Inventory estimates refer to October 1, 1991. Placement and marketing estimates refer to the month of September and the quarter of July through September.

## **Cattle on Feed Down 6 Percent in 13 Quarterly States**

Cattle and calves on feed for slaughter market in the 13 States preparing quarterly estimates totaled 8.54 million head, down 6 percent from a year ago but 3 percent above October 1, 1989. The inventory included 5.66 million steers and steer calves, 4 percent below a year ago. This group accounts for 66.3 percent of the total inventory. Heifers and heifer calves accounted for 2.84 million head, 10 percent below a year ago. By weight group, 1.46 million head of the total inventory weighed over 1,100 pounds.

Placements of cattle and calves on feed in the 13 States during the July-September 1991 quarter totaled 5.36 million, down 15 percent from last year and 6 percent below 1989. Net placements of 5.08 million for July-September was down 16 percent from last year and 7 percent from 1989.

Marketings of fed cattle during the July-September quarter totaled 5.97 million, up 4 percent from last year and 1 percent above two years ago.

Other disappearance for the July-September quarter totaled 282,000 head compared to 261,000 in 1990, and 227,000 in 1989.

## **Expected Marketings for October-December Down 2 Percent**

Cattle feeders expect to market 5.16 million head during the October-December quarter of 1991. This would be down 2 percent from the fourth quarter marketings in 1990 and 4 percent below 1989.

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For additional information, call Glenda Shepler (202) 447-3040. Office hours are 8:00 a.m. to 4:30 p.m. ET.

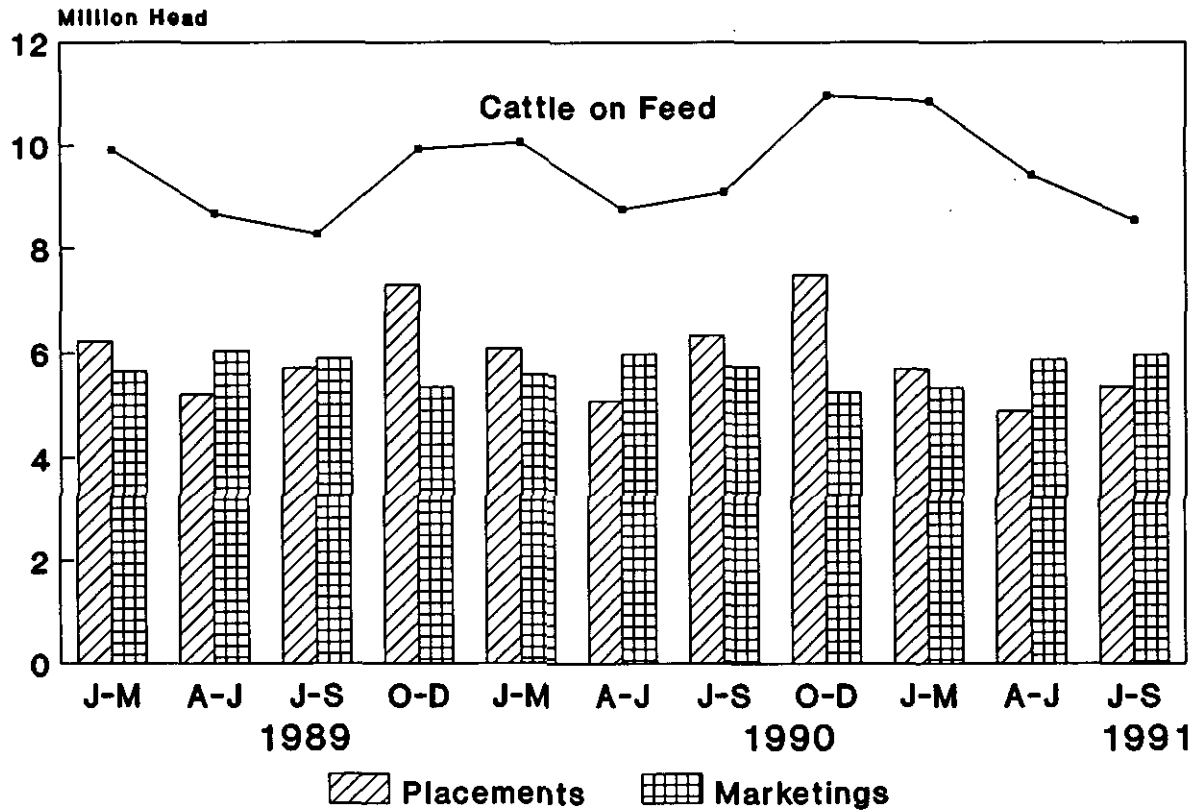
## Cattle on Feed in 7 Monthly States Down 7 Percent

Cattle on feed October 1, 1991, in the 7 monthly reporting States totaled 7.16 million, 7 percent below the previous year but 3 percent above two years ago. Placements in feedlots during September totaled 1.82 million, 17 percent below 1990 and 7 percent below 1989. This is the lowest 7 state September placement number since 1980.

Marketings during September totaled 1.60 million, up 11 percent from a year ago and 1 percent above 1989. Other disappearance during September was 76,000 head, 4 percent below last year and 62 percent above 1989.

July-September quarterly marketings for the 7 States, at 5.03 million, was up 4 percent from 1990 and 1 percent above 1989. Marketings for the 7 states during the July-September quarter accounted for 84 percent of the 13 state total. Expected 7 State marketings for the October-December 1991 quarter are estimated at 4.34 million, down 3 percent from last year and 4 percent below 1989.

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



CATTLE ON FEED, PLACED AND MARKETED  
BY QUARTERS, 13 STATES

| QUARTER | PLACED     | MARKETED | DATE        | NUMBER     |
|---------|------------|----------|-------------|------------|
|         | (000) HEAD |          |             | (000) HEAD |
| -----   |            |          |             |            |
| 1989    |            |          |             |            |
| JAN-MAR | 6,232      | 5,658    | APR 1, 1989 | 9,918      |
| APR-JUN | 5,212      | 6,040    | JUL 1, 1989 | 8,680      |
| JUL-SEP | 5,719      | 5,896    | OCT 1, 1989 | 8,276      |
| OCT-DEC | 7,306      | 5,346    | JAN 1, 1990 | 9,943      |
|         |            |          |             |            |
| 1990    |            |          |             |            |
| JAN-MAR | 6,083      | 5,578    | APR 1, 1990 | 10,063     |
| APR-JUN | 5,086      | 5,988    | JUL 1, 1990 | 8,761      |
| JUL-SEP | 6,333      | 5,741    | OCT 1, 1990 | 9,092      |
| OCT-DEC | 7,486      | 5,254    | JAN 1, 1991 | 10,977     |
|         |            |          |             |            |
| 1991    |            |          |             |            |
| JAN-MAR | 5,692      | 5,338    | APR 1, 1991 | 10,869     |
| APR-JUN | 4,890      | 5,869    | JUL 1, 1991 | 9,426      |
| JUL-SEP | 5,364      | 5,968    | OCT 1, 1991 | 8,540      |

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS,  
AND OTHER DISAPPEARANCE,  
JUL 1 - OCT 1, 1989, 1990 AND 1991  
13 STATES

| ITEM                                    | NUMBER     |       |       | : 1991 AS % OF |      |
|---|------------|-------|-------|----------------|------|
|   | 1989       | 1990  | 1991  | 1989           | 1990 |
|   | 1,000 HEAD |       |       | PERCENT        |      |
| ON FEED JUL 1-----                      | 8,680      | 8,761 | 9,426 | 109            | 108  |
| PLACED ON FEED JUL 1 - SEP 30 1/--      | 5,719      | 6,333 | 5,364 | 94             | 85   |
| FED CATTLE MARKETED JUL 1 - SEP 30 1/-- | 5,896      | 5,741 | 5,968 | 101            | 104  |
| OTHER DISAPPEARANCE JUL 1 - SEP 30 2/-- | 227        | 261   | 282   | 124            | 108  |
| ON FEED OCT 1-----                      | 8,276      | 9,092 | 8,540 | 103            | 94   |
| KINDS ON FEED OCT 1                     |            |       |       |                |      |
| STEERS AND STEER CALVES-----            | 5,251      | 5,909 | 5,663 | 108            | 96   |
| HEIFERS AND HEIFER CALVES-----          | 2,990      | 3,143 | 2,836 | 95             | 90   |
| COWS AND OTHER-----                     | 35         | 40    | 41    | 117            | 103  |
| NUMBER ON FEED BY WEIGHT GROUPS OCT 1   |            |       |       |                |      |
| STEERS AND STEER CALVES                 |            |       |       |                |      |
| LESS THAN 500 POUNDS-----               | 229        | 340   | 204   | 89             | 60   |
| 500-699 POUNDS-----                     | 584        | 873   | 653   | 112            | 75   |
| 700-899 POUNDS-----                     | 1,564      | 1,732 | 1,549 | 99             | 89   |
| 900-1,099 POUNDS-----                   | 1,919      | 2,037 | 1,992 | 104            | 98   |
| 1,100 POUNDS AND OVER-----              | 955        | 927   | 1,265 | 132            | 136  |
| HEIFERS AND HEIFER CALVES               |            |       |       |                |      |
| LESS THAN 500 POUNDS-----               | 97         | 159   | 79    | 81             | 50   |
| 500-699 POUNDS-----                     | 471        | 594   | 405   | 86             | 68   |
| 700-899 POUNDS-----                     | 1,201      | 1,256 | 1,096 | 91             | 87   |
| 900-1,099 POUNDS-----                   | 1,055      | 1,004 | 1,057 | 100            | 105  |
| 1,100 POUNDS AND OVER-----              | 166        | 130   | 199   | 120            | 153  |
| MARKETINGS OCT - DEC 3/--               | 5,346      | 5,254 | 5,155 | 96             | 98   |

- 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 OCT 1 AND MARKETED BEFORE DECEMBER 31 FOR PREVIOUS YRS.; EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCTOBER 1 AND MARKETED BEFORE DECEMBER 31 FOR CURRENT YEAR.

CATTLE ON FEED: NUMBER ON FEED BY QUARTERS,  
OCT 1, 1990 JUL 1, AND OCT 1, 1991 1/

| STATE  | OCT 1, 1990 |              | OCT 1, 1991 1/ |              |
|--------|-------------|--------------|----------------|--------------|
|        | NUMBER      | AS % OF 1990 | NUMBER         | AS % OF 1990 |
|        | 1,000 HEAD  | PERCENT      | 1,000 HEAD     | PERCENT      |
| AZ     | 180         | 84           | 147            | 84           |
| CA     | 450         | 79           | 330            | 79           |
| CO     | 795         | 97           | 860            | 97           |
| ID     | 222         | 101          | 260            | 101          |
| IL     | 280         | 96           | 285            | 96           |
| IA     | 775         | 80           | 860            | 80           |
| KS     | 1,570       | 96           | 1,530          | 96           |
| MN     | 230         | 93           | 290            | 93           |
| NE     | 1,780       | 101          | 1,900          | 101          |
| OK     | 320         | 98           | 320            | 98           |
| SD     | 195         | 95           | 240            | 95           |
| TX     | 2,120       | 92           | 2,220          | 92           |
| WA     | 175         | 99           | 184            | 99           |
| 13 STS | 9,092       | 94           | 9,426          | 94           |

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.

CATTLE ON FEED: NUMBER PLACED ON FEED, BY QUARTERS, 1990-1991 1/

| STATE  | JUL - SEP 1990 |              | JUL - SEP 1991 |              |
|--------|----------------|--------------|----------------|--------------|
|        | NUMBER         | AS % OF 1990 | NUMBER         | AS % OF 1990 |
|        | 1,000 HEAD     | PERCENT      | 1,000 HEAD     | PERCENT      |
| AZ     | 104            | 79           | 61             | 79           |
| CA     | 265            | 85           | 185            | 85           |
| CO     | 620            | 81           | 460            | 81           |
| ID     | 144            | 111          | 167            | 111          |
| IL     | 150            | 77           | 80             | 77           |
| IA     | 450            | 57           | 230            | 57           |
| KS     | 1,270          | 91           | 875            | 91           |
| MN     | 105            | 76           | 90             | 76           |
| NE     | 1,380          | 93           | 990            | 93           |
| OK     | 230            | 98           | 185            | 98           |
| SD     | 115            | 74           | 65             | 74           |
| TX     | 1,370          | 78           | 1,395          | 78           |
| WA     | 130            | 94           | 107            | 94           |
| 13 STS | 6,333          | 85           | 4,890          | 85           |

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 QUARTERS, 1990-91

| STATE  | FED CATTLE MARKETED 1/ |                     |                         |                 | OTHER DISAPPEARANCE 2/ |                     |                         |                 |
|--------|------------------------|---------------------|-------------------------|-----------------|------------------------|---------------------|-------------------------|-----------------|
|        | JUL-<br>SEP<br>1990    | APR-<br>JUN<br>1991 | JUL-SEP 1991<br>NUMBER: | AS %<br>OF 1990 | JUL-<br>SEP<br>1990    | APR-<br>JUN<br>1991 | JUL-SEP 1991<br>NUMBER: | AS %<br>OF 1990 |
|        | 1,000 HEAD             |                     | PERCENT                 |                 | 1,000 HEAD             |                     | PERCENT                 |                 |
| AZ     | 76                     | 97                  | 73                      | 96              | 8                      | 18                  | 5                       | 63              |
| CA     | 190                    | 180                 | 175                     | 92              | 50                     | 70                  | 25                      | 50              |
| CO     | 580                    | 520                 | 565                     | 97              | 15                     | 30                  | 25                      | 167             |
| ID     | 146                    | 154                 | 175                     | 120             | 2                      | 28                  | 20                      | 1,000           |
| IL     | 130                    | 135                 | 125                     | 96              | 5                      | 10                  | 5                       | 100             |
| IA     | 485                    | 430                 | 470                     | 97              | 25                     | 30                  | 25                      | 100             |
| KS     | 1,050                  | 1,070               | 1,150                   | 110             | 30                     | 45                  | 35                      | 117             |
| MN     | 160                    | 140                 | 150                     | 94              | 5                      | 10                  | 5                       | 100             |
| NE     | 1,210                  | 1,370               | 1,310                   | 108             | 70                     | 140                 | 80                      | 114             |
| OK     | 200                    | 200                 | 225                     | 113             | 5                      | 5                   | 5                       | 100             |
| SD     | 145                    | 120                 | 130                     | 90              | 5                      | 25                  | 10                      | 200             |
| TX     | 1,270                  | 1,355               | 1,290                   | 102             | 40                     | 50                  | 40                      | 100             |
| WA     | 99                     | 98                  | 130                     | 131             | 1                      | 3                   | 2                       | 200             |
| 13 STS | 5,741                  | 5,869               | 5,968                   | 104             | 261                    | 464                 | 282                     | 108             |

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.

CATTLE ON FEED: EXPECTED TOTAL MARKETINGS,  
OCT 1 - DEC 31, 1991 WITH COMPARISONS

| STATE  | TOTAL MARKETINGS | EXPECTED TOTAL MARKETINGS |
|--------|------------------|---------------------------|
|        | OCT-DEC, 1990 1/ | OCT-DEC, 1991 2/          |
|        | NUMBER           | NUMBER                    |
|        | 1,000 HEAD       | PERCENT                   |
| AZ     | 51               | 50                        |
| CA     | 220              | 175                       |
| CO     | 475              | 450                       |
| ID     | 154              | 150                       |
| IL     | 120              | 145                       |
| IA     | 470              | 380                       |
| KS     | 935              | 950                       |
| MN     | 110              | 105                       |
| NE     | 1,150            | 1,120                     |
| OK     | 185              | 190                       |
| SD     | 110              | 120                       |
| TX     | 1,165            | 1,210                     |
| WA     | 109              | 110                       |
| 13 STS | 5,254            | 5,155                     |

1/ TOTAL MARKETINGS OF CATTLE INCLUDING THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31.

2/ EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31.

CATTLE ON FEED: NUMBER ON FEED BY CLASSES, BY QUARTERS,  
OCT 1, 1990, JUL 1, AND OCT 1, 1991

|         | : STEERS:  |        | STEER CALVES |        | : HEIFERS: |        | HEIFER CALVES: |        | COWS AND OTHERS |  |
|---------|------------|--------|--------------|--------|------------|--------|----------------|--------|-----------------|--|
| STATE:  | OCT 1,     | JUL 1, | OCT 1,       | OCT 1, | JUL 1,     | OCT 1, | OCT 1,         | JUL 1, | OCT 1,          |  |
|         | : 1990     | : 1991 | : 1991       | : 1990 | : 1991     | : 1991 | : 1990         | : 1991 | : 1991          |  |
|         | 1,000 HEAD |        |              |        |            |        |                |        |                 |  |
| AZ      | 176        | 140    | 145          | 4      | 7          | 6      | 0              | 0      | 0               |  |
| CA      | 371        | 270    | 315          | 74     | 59         | 38     | 5              | 1      | 2               |  |
| CO      | 445        | 495    | 468          | 349    | 360        | 299    | 1              | 5      | 3               |  |
| ID      | 148        | 173    | 159          | 70     | 81         | 60     | 4              | 6      | 6               |  |
| IL      | 160        | 164    | 155          | 120    | 121        | 115    | 0              | 0      | 0               |  |
| IA      | 505        | 565    | 420          | 265    | 290        | 195    | 5              | 5      | 5               |  |
| KS      | 1,036      | 1,025  | 1,005        | 534    | 505        | 495    | 0              | 0      | 0               |  |
| MN      | 166        | 210    | 160          | 63     | 79         | 53     | 1              | 1      | 2               |  |
| NE      | 1,070      | 1,140  | 1,080        | 690    | 740        | 700    | 20             | 20     | 20              |  |
| OK      | 211        | 202    | 195          | 109    | 117        | 120    | 0              | 1      | 0               |  |
| SD      | 117        | 151    | 114          | 77     | 87         | 70     | 1              | 2      | 1               |  |
| TX      | 1,399      | 1,509  | 1,335        | 718    | 709        | 623    | 3              | 2      | 2               |  |
| WA      | 105        | 118    | 112          | 70     | 66         | 62     | 0              | 0      | 0               |  |
| 13 STS: | 5,909      | 6,162  | 5,663        | 3,143  | 3,221      | 2,836  | 40             | 43     | 41              |  |

CATTLE ON FEED: STEERS AND STEER CALVES ON FEED BY WEIGHT GROUPS,  
BY QUARTERS, OCT 1, 1990, JUL 1, AND OCT 1, 1991

|         | UNDER 500 POUNDS |             |             | 500-699 POUNDS        |             |             | 700-899 POUNDS |             |             |
|---------|------------------|-------------|-------------|-----------------------|-------------|-------------|----------------|-------------|-------------|
| STATE:  | OCT 1, 1990      | JUL 1, 1991 | OCT 1, 1991 | OCT 1, 1990           | JUL 1, 1991 | OCT 1, 1991 | OCT 1, 1990    | JUL 1, 1991 | OCT 1, 1991 |
|         | 1,000 HEAD       |             |             |                       |             |             |                |             |             |
| AZ      | 45               | 24          | 38          | 58                    | 32          | 51          | 40             | 35          | 30          |
| CA      | 137              | 49          | 50          | 67                    | 33          | 65          | 72             | 51          | 80          |
| CO      | 5                | 2           | 1           | 63                    | 35          | 45          | 148            | 115         | 134         |
| ID      | 5                | 0           | 3           | 19                    | 13          | 13          | 39             | 38          | 49          |
| IL      | 6                | 8           | 6           | 20                    | 19          | 18          | 45             | 38          | 44          |
| IA      | 14               | 15          | 20          | 67                    | 36          | 35          | 119            | 125         | 95          |
| KS      | 21               | 10          | 20          | 114                   | 51          | 101         | 373            | 195         | 271         |
| MN      | 11               | 15          | 11          | 21                    | 23          | 19          | 42             | 53          | 36          |
| NE      | 20               | 10          | 10          | 70                    | 40          | 50          | 280            | 240         | 270         |
| OK      | 2                | 5           | 5           | 23                    | 22          | 21          | 69             | 57          | 74          |
| SD      | 4                | 0           | 0           | 7                     | 3           | 5           | 25             | 32          | 19          |
| TX      | 70               | 30          | 40          | 335                   | 151         | 227         | 448            | 468         | 414         |
| WA      | 0                | 0           | 0           | 9                     | 1           | 3           | 32             | 25          | 33          |
| 13 STS: | 340              | 168         | 204         | 873                   | 459         | 653         | 1,732          | 1,472       | 1,549       |
|         | 900-1,099 POUNDS |             |             | 1,100 POUNDS AND OVER |             |             |                |             |             |
|         | OCT 1, 1990      | JUL 1, 1991 | OCT 1, 1991 | OCT 1, 1990           | JUL 1, 1991 | OCT 1, 1991 | OCT 1, 1990    | JUL 1, 1991 | OCT 1, 1991 |
|         | 1,000 HEAD       |             |             |                       |             |             |                |             |             |
| AZ      | 31               | 39          | 22          | 2                     | 10          | 4           |                |             |             |
| CA      | 73               | 100         | 70          | 22                    | 37          | 50          |                |             |             |
| CO      | 172              | 209         | 178         | 57                    | 134         | 110         |                |             |             |
| ID      | 50               | 85          | 56          | 35                    | 37          | 38          |                |             |             |
| IL      | 56               | 64          | 53          | 33                    | 35          | 34          |                |             |             |
| IA      | 176              | 239         | 140         | 129                   | 150         | 130         |                |             |             |
| KS      | 362              | 482         | 422         | 166                   | 287         | 191         |                |             |             |
| MN      | 55               | 76          | 56          | 37                    | 43          | 38          |                |             |             |
| NE      | 470              | 560         | 430         | 230                   | 290         | 320         |                |             |             |
| OK      | 79               | 93          | 68          | 38                    | 25          | 27          |                |             |             |
| SD      | 53               | 83          | 39          | 28                    | 33          | 51          |                |             |             |
| TX      | 420              | 649         | 414         | 126                   | 211         | 240         |                |             |             |
| WA      | 40               | 50          | 44          | 24                    | 42          | 32          |                |             |             |
| 13 STS: | 2,037            | 2,729       | 1,992       | 927                   | 1,334       | 1,265       |                |             |             |



CATTLE ON FEED: HEIFERS AND HEIFER CALVES ON FEED BY WEIGHT GROUPS,  
BY QUARTERS, OCT 1, 1990, JUL 1, AND OCT 1, 1991

|         | UNDER 500 POUNDS |             |             | 500-699 POUNDS        |             |             | 700-899 POUNDS |             |             |
|---------|------------------|-------------|-------------|-----------------------|-------------|-------------|----------------|-------------|-------------|
| STATE:  | OCT 1, 1990      | JUL 1, 1991 | OCT 1, 1991 | OCT 1, 1990           | JUL 1, 1991 | OCT 1, 1991 | OCT 1, 1990    | JUL 1, 1991 | OCT 1, 1991 |
|         | 1,000 HEAD       |             |             |                       |             |             |                |             |             |
| AZ      | 0                | 1           | 1           | 2                     | 1           | 3           | 1              | 3           | 1           |
| CA      | 14               | 2           | 4           | 16                    | 15          | 12          | 23             | 11          | 11          |
| CO      | 4                | 1           | 2           | 51                    | 25          | 32          | 172            | 146         | 121         |
| ID      | 3                | 0           | 1           | 10                    | 11          | 9           | 24             | 31          | 23          |
| IL      | 10               | 1           | 4           | 26                    | 17          | 18          | 40             | 50          | 44          |
| IA      | 15               | 6           | 10          | 41                    | 30          | 35          | 86             | 103         | 45          |
| KS      | 21               | 5           | 10          | 134                   | 41          | 84          | 240            | 202         | 198         |
| MN      | 2                | 2           | 2           | 9                     | 9           | 5           | 22             | 26          | 14          |
| NE      | 10               | 10          | 10          | 50                    | 50          | 60          | 300            | 260         | 300         |
| OK      | 4                | 2           | 4           | 29                    | 17          | 21          | 44             | 51          | 51          |
| SD      | 3                | 0           | 0           | 3                     | 5           | 6           | 32             | 29          | 23          |
| TX      | 72               | 21          | 31          | 215                   | 163         | 112         | 244            | 248         | 243         |
| WA      | 1                | 0           | 0           | 8                     | 2           | 8           | 28             | 18          | 22          |
| 13 STS: | 159              | 51          | 79          | 594                   | 386         | 405         | 1,256          | 1,178       | 1,096       |
|         | 900-1,099 POUNDS |             |             | 1,100 POUNDS AND OVER |             |             |                |             |             |
|         | OCT 1, 1990      | JUL 1, 1991 | OCT 1, 1991 | OCT 1, 1990           | OCT 1, 1991 | JUL 1, 1991 | OCT 1, 1991    |             |             |
|         | 1,000 HEAD       |             |             |                       |             |             |                |             |             |
| AZ      | 1                | 2           | 1           | 0                     | 0           | 0           | 0              |             |             |
| CA      | 12               | 22          | 5           | 9                     | 9           | 6           | 6              |             |             |
| CO      | 108              | 176         | 120         | 14                    | 12          | 24          | 24             |             |             |
| ID      | 28               | 34          | 23          | 5                     | 5           | 4           | 4              |             |             |
| IL      | 38               | 48          | 43          | 6                     | 5           | 6           | 6              |             |             |
| IA      | 101              | 126         | 80          | 22                    | 25          | 25          | 25             |             |             |
| KS      | 128              | 232         | 178         | 11                    | 25          | 25          | 25             |             |             |
| MN      | 23               | 35          | 21          | 7                     | 7           | 11          | 11             |             |             |
| NE      | 290              | 350         | 270         | 40                    | 70          | 60          | 60             |             |             |
| OK      | 29               | 43          | 40          | 3                     | 4           | 4           | 4              |             |             |
| SD      | 32               | 43          | 29          | 7                     | 10          | 12          | 12             |             |             |
| TX      | 187              | 234         | 218         | 0                     | 43          | 19          | 19             |             |             |
| WA      | 27               | 39          | 29          | 6                     | 7           | 3           | 3              |             |             |
| 13 STS: | 1,004            | 1,384       | 1,057       | 130                   | 222         | 199         | 199            |             |             |

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS,  
AND OTHER DISAPPEARANCE, JUL 1 - OCT 1, 1989, 1990 AND 1991  
7 STATES

| ITEM                                    | NUMBER               |       |       | : 1991 AS % OF |      |
|---|----------------------|-------|-------|----------------|------|
|   | 1989                 | 1990  | 1991  | 1989           | 1990 |
|   | ---- 1,000 HEAD ---- |       |       | PERCENT        |      |
| ON FEED JUL 1-----                      | 7,235                | 7,310 | 7,847 | 108            | 107  |
| PLACED ON FEED JUL 1 - SEP 30 1/--      | 4,882                | 5,459 | 4,577 | 94             | 84   |
| FED CATTLE MARKETED JUL 1 - SEP 30 1/-- | 4,973                | 4,861 | 5,033 | 101            | 104  |
| OTHER DISAPPEARANCE JUL 1 - SEP 30 2/-- | 186                  | 238   | 235   | 126            | 99   |
| ON FEED OCT 1-----                      | 6,958                | 7,670 | 7,156 | 103            | 93   |
| KINDS ON FEED OCT 1                     |                      |       |       |                |      |
| STEERS AND STEER CALVES-----            | 4,434                | 5,002 | 4,768 | 108            | 95   |
| HEIFERS AND HEIFER CALVES-----          | 2,493                | 2,634 | 2,356 | 95             | 89   |
| COWS AND OTHER-----                     | 31                   | 34    | 32    | 103            | 94   |
| NUMBER ON FEED BY WEIGHT GROUPS OCT 1   |                      |       |       |                |      |
| STEERS AND STEER CALVES                 |                      |       |       |                |      |
| LESS THAN 500 POUNDS-----               | 217                  | 312   | 179   | 82             | 57   |
| 500-699 POUNDS-----                     | 508                  | 774   | 574   | 113            | 74   |
| 700-899 POUNDS-----                     | 1,314                | 1,480 | 1,294 | 98             | 87   |
| 900-1099 POUNDS-----                    | 1,604                | 1,704 | 1,676 | 104            | 98   |
| 1100 POUNDS AND OVER-----               | 791                  | 732   | 1,045 | 132            | 143  |
| HEIFERS AND HEIFER CALVES               |                      |       |       |                |      |
| LESS THAN 500 POUNDS-----               | 90                   | 136   | 68    | 76             | 50   |
| 500-699 POUNDS-----                     | 394                  | 509   | 338   | 86             | 66   |
| 700-899 POUNDS-----                     | 1,012                | 1,066 | 919   | 91             | 86   |
| 900-1099 POUNDS-----                    | 865                  | 827   | 872   | 101            | 105  |
| 1100 POUNDS AND OVER-----               | 132                  | 96    | 159   | 120            | 166  |
| MARKETINGS OCT - DEC 3/--               | 4,521                | 4,466 | 4,335 | 96             | 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 OCTOBER 1 AND MARKETED BEFORE DECEMBER 31 FOR PREVIOUS YEARS; EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCTOBER 1 AND MARKETED BEFORE DECEMBER 31 FOR CURRENT YEAR.

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS,  
AND OTHER DISAPPEARANCE, 7 STATES, SEP 1 TO OCT 1

| ITEM                              | NUMBER               |       |       | : 1991 AS % OF |      |
|-----------------------------------|----------------------|-------|-------|----------------|------|
|                                   | 1989                 | 1990  | 1991  | 1989           | 1990 |
|                                   | ---- 1,000 HEAD ---- |       |       | PERCENT        |      |
| ON FEED SEP 1 1/                  | 6,631                | 6,990 | 7,009 | 106            | 100  |
| PLACED ON FEED DURING SEP         | 1,953                | 2,204 | 1,821 | 93             | 83   |
| FED CATTLE MARKETED DURING SEP    | 1,579                | 1,445 | 1,598 | 101            | 111  |
| OTHER DISAPPEARANCE DURING SEP 2/ | 47                   | 79    | 76    | 162            | 96   |
| ON FEED OCT 1 1/                  | 6,958                | 7,670 | 7,156 | 103            | 93   |

- 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.

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS,  
AND OTHER DISAPPEARANCE, BY STATES, APR 1 TO OCT 1

| STATE | NUMBER ON FEED |            |            | PLACED |            |            | MARKETED   |            |            | OTHER DISAPPEAR. |            |       |
|-------|----------------|------------|------------|--------|------------|------------|------------|------------|------------|------------------|------------|-------|
|       | 1990           | 1991:91/90 | 1990:      | 1990   | 1991:91/90 | 1990:      | 1990       | 1991:91/90 | 1990:      | 1990             | 1991:91/90 | 1990: |
|       | 1,000 HEAD     | PCT        | 1,000 HEAD | PCT    | 1,000 HEAD | PCT        | 1,000 HEAD | PCT        | 1,000 HEAD | PCT              | 1,000 HEAD | PCT   |
|       | APR 1          |            | DURING APR |        |            | DURING APR |            |            | DURING APR |                  |            |       |
| AZ    | 213            | 201        | 94         | 22     | 17         | 77         | 34         | 30         | 88         | 5                | 3          | 60    |
| CA    | 390            | 395        | 101        | 100    | 60         | 60         | 65         | 60         | 92         | 25               | 25         | 100   |
| CO    | 900            | 950        | 106        | 155    | 170        | 110        | 160        | 180        | 113        | 10               | 10         | 100   |
| IA    | 1,020          | 1,090      | 107        | 145    | 105        | 72         | 155        | 125        | 81         | 10               | 10         | 100   |
| KS    | 1,700          | 1,770      | 104        | 295    | 295        | 100        | 335        | 335        | 100        | 10               | 20         | 200   |
| NE    | 2,150          | 2,420      | 113        | 350    | 380        | 109        | 380        | 430        | 113        | 40               | 40         | 100   |
| TX    | 2,110          | 2,230      | 106        | 310    | 375        | 121        | 425        | 495        | 116        | 25               | 20         | 80    |
| 7 STS | 8,483          | 9,056      | 107        | 1,377  | 1,402      | 102        | 1,554      | 1,655      | 106        | 125              | 128        | 102   |
|       | MAY 1          |            | DURING MAY |        |            | DURING MAY |            |            | DURING MAY |                  |            |       |
| AZ    | 196            | 185        | 94         | 22     | 27         | 123        | 36         | 36         | 100        | 10               | 11         | 110   |
| CA    | 400            | 370        | 93         | 100    | 75         | 75         | 70         | 55         | 79         | 35               | 30         | 86    |
| CO    | 885            | 930        | 105        | 150    | 180        | 120        | 170        | 170        | 100        | 10               | 10         | 100   |
| IA    | 1,000          | 1,060      | 106        | 110    | 75         | 68         | 180        | 125        | 69         | 15               | 10         | 67    |
| KS    | 1,650          | 1,710      | 104        | 325    | 355        | 109        | 400        | 350        | 88         | 15               | 15         | 100   |
| NE    | 2,080          | 2,330      | 112        | 380    | 360        | 95         | 500        | 480        | 96         | 50               | 50         | 100   |
| TX    | 1,970          | 2,090      | 106        | 525    | 645        | 123        | 420        | 450        | 107        | 15               | 15         | 100   |
| 7 STS | 8,181          | 8,675      | 106        | 1,612  | 1,717      | 107        | 1,776      | 1,666      | 94         | 150              | 141        | 94    |
|       | JUN 1          |            | DURING JUN |        |            | DURING JUN |            |            | DURING JUN |                  |            |       |
| AZ    | 172            | 165        | 96         | 25     | 17         | 68         | 34         | 31         | 91         | 3                | 4          | 133   |
| CA    | 395            | 360        | 91         | 105    | 50         | 48         | 60         | 65         | 108        | 15               | 15         | 100   |
| CO    | 855            | 930        | 109        | 110    | 110        | 100        | 185        | 170        | 92         | 10               | 10         | 100   |
| IA    | 915            | 1,000      | 109        | 105    | 50         | 48         | 180        | 180        | 100        | 5                | 10         | 200   |
| KS    | 1,560          | 1,700      | 109        | 240    | 225        | 94         | 410        | 385        | 94         | 10               | 10         | 100   |
| NE    | 1,910          | 2,160      | 113        | 310    | 250        | 81         | 520        | 460        | 88         | 20               | 50         | 250   |
| TX    | 2,060          | 2,270      | 110        | 440    | 375        | 85         | 430        | 410        | 95         | 10               | 15         | 150   |
| 7 STS | 7,867          | 8,585      | 109        | 1,335  | 1,077      | 81         | 1,819      | 1,701      | 94         | 73               | 114        | 156   |
|       | JUL 1          |            | DURING JUL |        |            | DURING JUL |            |            | DURING JUL |                  |            |       |
| AZ    | 160            | 147        | 92         | 30     | 22         | 73         | 30         | 29         | 97         | 2                | 2          | 100   |
| CA    | 425            | 330        | 78         | 75     | 60         | 80         | 65         | 60         | 92         | 15               | 10         | 67    |
| CO    | 770            | 860        | 112        | 115    | 125        | 109        | 200        | 180        | 90         | 5                | 5          | 100   |
| IA    | 835            | 860        | 103        | 125    | 70         | 56         | 180        | 165        | 92         | 5                | 10         | 200   |
| KS    | 1,380          | 1,530      | 111        | 415    | 405        | 98         | 425        | 440        | 104        | 10               | 10         | 100   |
| NE    | 1,680          | 1,900      | 113        | 330    | 320        | 97         | 400        | 430        | 108        | 30               | 40         | 133   |
| TX    | 2,060          | 2,220      | 108        | 430    | 315        | 73         | 450        | 420        | 93         | 10               | 15         | 150   |
| 7 STS | 7,310          | 7,847      | 107        | 1,520  | 1,317      | 87         | 1,750      | 1,724      | 99         | 77               | 92         | 119   |

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS,  
AND OTHER DISAPPEARANCE, BY STATES, APR 1 TO OCT 1

| 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 | 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        |                 |
|        | AUG 1          |            |                 | DURING AUG |            |                 | DURING AUG |            |                 | DURING AUG       |            |                 |
| AZ     | 158            | 138        | 87              | 35         | 24         | 69              | 26         | 26         | 100             | 2                | 2          | 100             |
| CA     | 420            | 320        | 76              | 90         | 90         | 100             | 65         | 60         | 92              | 20               | 10         | 50              |
| CO     | 680            | 800        | 118             | 200        | 135        | 68              | 195        | 195        | 100             | 5                | 10         | 200             |
| IA     | 775            | 755        | 97              | 150        | 65         | 43              | 155        | 155        | 100             | 10               | 5          | 50              |
| KS     | 1,360          | 1,485      | 109             | 420        | 380        | 90              | 350        | 370        | 106             | 10               | 10         | 100             |
| NE     | 1,580          | 1,750      | 111             | 430        | 390        | 91              | 450        | 450        | 100             | 20               | 20         | 100             |
| TX     | 2,030          | 2,100      | 103             | 410        | 355        | 87              | 425        | 455        | 107             | 15               | 10         | 67              |
| 7 STS: | 7,003          | 7,348      | 105             | 1,735      | 1,439      | 83              | 1,666      | 1,711      | 103             | 82               | 67         | 82              |
|        | SEP 1          |            |                 | DURING SEP |            |                 | DURING SEP |            |                 | DURING SEP       |            |                 |
| AZ     | 165            | 134        | 81              | 39         | 36         | 92              | 20         | 18         | 90              | 4                | 1          | 25              |
| CA     | 425            | 340        | 80              | 100        | 75         | 75              | 60         | 55         | 92              | 15               | 5          | 33              |
| CO     | 680            | 730        | 107             | 305        | 240        | 79              | 185        | 190        | 103             | 5                | 10         | 200             |
| IA     | 760            | 660        | 87              | 175        | 120        | 69              | 150        | 150        | 100             | 10               | 10         | 100             |
| KS     | 1,420          | 1,485      | 105             | 435        | 370        | 85              | 275        | 340        | 124             | 10               | 15         | 150             |
| NE     | 1,540          | 1,670      | 108             | 620        | 580        | 94              | 360        | 430        | 119             | 20               | 20         | 100             |
| TX     | 2,000          | 1,990      | 100             | 530        | 400        | 75              | 395        | 415        | 105             | 15               | 15         | 100             |
| 7 STS: | 6,990          | 7,009      | 100             | 2,204      | 1,821      | 83              | 1,445      | 1,598      | 111             | 79               | 76         | 96              |
|        | OCT 1          |            |                 |            |            |                 |            |            |                 |                  |            |                 |
| AZ     | 180            | 151        | 84              |            |            |                 |            |            |                 |                  |            |                 |
| CA     | 450            | 355        | 79              |            |            |                 |            |            |                 |                  |            |                 |
| CO     | 795            | 770        | 97              |            |            |                 |            |            |                 |                  |            |                 |
| IA     | 775            | 620        | 80              |            |            |                 |            |            |                 |                  |            |                 |
| KS     | 1,570          | 1,500      | 96              |            |            |                 |            |            |                 |                  |            |                 |
| NE     | 1,780          | 1,800      | 101             |            |            |                 |            |            |                 |                  |            |                 |
| TX     | 2,120          | 1,960      | 92              |            |            |                 |            |            |                 |                  |            |                 |
| 7 STS: | 7,670          | 7,156      | 93              |            |            |                 |            |            |                 |                  |            |                 |

## Reliability of October 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.

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

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

**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.

**Survey Procedures:** Data used to determine the estimates in this report were obtained from a sample of feedlot operators contacted during the first half of October by mail, telephone, and face-to-face personal interviews. States attempt to obtain a report from all large feedlots, as determined by lot capacity, and to also collect data from a sample of smaller operations. Questions asked include the number of cattle on feed, placements, marketings, and other disappearance, steer and heifer weight group breakdowns, and expected marketings during the October - December 1991 quarter. Data were obtained from 5,200 feedlot operations that accounted for 78 percent of the total estimated cattle on feed inventory. Not all feedlots were able to provide information on steer and heifer weight breakdowns; 81 percent of the tabulated cattle on feed inventory was reported by weight group.

Care was taken to ensure that all feedlots, regardless of size, had a chance of being selected for the survey sample and that no operations were duplicated. Steps were also taken to ensure that cattle being custom fed were only reported once and that cattle being backgrounded for later placement in another feedlot were excluded.

**Estimating Procedures:** Cattle on feed inventory, placement, and marketing estimates are made for 7 major States each month. In January, April, July, and October estimates are published for 6 additional States. The 13 States accounted for 86 percent of the United States cattle on feed inventory on January 1, 1991. Survey data are reviewed by the States for reasonableness and consistency with previous estimates. State recommendations are reviewed by the Agricultural Statistics Board, which prepares the published estimates.

**Revision Policy:** Data are continually reviewed for consistency and comparability with all later survey data, internal relationships, and available external data such as livestock slaughter and information on foreign trade, shipments, and marketings. Placement and marketing estimates are subject to revision each quarter. All estimates for a calendar year are reviewed annually and any necessary revisions are published in January. Estimates are also reviewed after information from the Department of Commerce's Census of Agriculture are available. No revisions will be made after this date.

**Reliability:** Since all feedlot operators are not included in the survey, survey indications are subject to sampling variability. Survey data are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the survey data. These mistakes cannot be measured directly, but they are minimized through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of this report, a statistical measure based on past performance, the "Root Mean Square Error", is shown in the table below for selected items. It is computed using the differences between the initial and final estimates for the past 10 years. Assuming factors affecting this year's estimate are the same as those influencing recent years, inferences regarding the reliability of the current estimate can be made. The Root Mean Square Error of the October 1 Cattle on Feed inventory estimate is 1.9 percent. This means that chances are 2 out of 3 that the final estimate will be within 1.9 percent, or about 162,000 head, of the estimated 8,540,000 total. Chances are 9 out of 10 that the difference will not exceed 3.5 percent or about 299,000 head (90 percent confidence level).

The table also shows the range of differences over the past 10 years for selected items. Using the inventory estimate as an example, changes from the first to final estimates during the past 10 years have averaged 119,000 head, ranging from no change to 295,000. The initial inventory estimate has been above the final estimate once and below it 6 times. In the other three years, the first and final estimates have been equal. This does not imply that the October 1 estimate will be above or below the final. For most items, the initial estimate is equally likely to be above or below the final estimate.

Reliability of October 1 Cattle on Feed Estimates <sup>1/</sup>

|                                   | Root Mean Square Error | 90% Confidence Level | Difference Between First and Final Estimates |          |         | Number of Quarters |                   |   |
|-----------------------------------|------------------------|----------------------|--|----------|---------|--------------------|-------------------|---|
|                                   |                        |                      | Average                                      | Smallest | Largest | First Above Final  | First Below Final |   |
|                                   | Percent                |                      | 1,000 Head                                   |          |         | Number             |                   |   |
| Inventory                         | 1.9                    | 3.5                  | 299  | 119      | 0       | 295                | 1                 | 6 |
| Placements                        | 0.8                    | 1.4                  | 75   | 32       | -3      | 93                 | 3                 | 7 |
| Marketings                        | 0.9                    | 1.7                  | 101  | 33       | 0       | 110                | 2                 | 7 |
| Expected Marketings <sup>2/</sup> | 2.2                    | 4.0                  | 206  | -31      | -7      | -241               | 6                 | 4 |

<sup>1/</sup> Based on October 1 estimates for the period 1981-90.  
<sup>2/</sup> Expected marketings for the October-December quarter compared to actual marketings for the same period.

The next "Cattle on Feed" report will be released at 3:00 p.m. ET on November 19, 1991.

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