United States Cattle on Feed Down 2 Percent

Cattle and calves on feed for the slaughter market in the United States for feedlots with capacity of 1,000 or more head totaled 11.0 million head on August 1, 2023. The inventory was 2 percent below August 1, 2022.

Placements in feedlots during July totaled 1.62 million head, 8 percent below 2022. Net placements were 1.55 million head. During July, placements of cattle and calves weighing less than 600 pounds were 365,000 head, 600-699 pounds were 250,000 head, 700-799 pounds were 370,000 head, 800-899 pounds were 373,000 head, 900-999 pounds were 185,000 head, and 1,000 pounds and greater were 75,000 head.

Marketings of fed cattle during July totaled 1.73 million head, 5 percent below 2022.

Other disappearance totaled 65,000 head during July, 16 percent above 2022.
### Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: August 1, 2022 and 2023

<table>
<thead>
<tr>
<th>Item</th>
<th>2022</th>
<th>2023</th>
<th>Percent of previous year (percent)</th>
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<tr>
<td>On feed July 1</td>
<td>11,405</td>
<td>11,204</td>
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<tr>
<td>Placed on feed during July</td>
<td>1,764</td>
<td>1,618</td>
<td>92</td>
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<tr>
<td>Fed cattle marketed during July</td>
<td>1,824</td>
<td>1,727</td>
<td>95</td>
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<tr>
<td>Other disappearance during July</td>
<td>56</td>
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<td>116</td>
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<tr>
<td>On feed August 1</td>
<td>11,289</td>
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### Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: July 1, 2022 and 2023

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<th>Item</th>
<th>2022</th>
<th>2023</th>
<th>Percent of previous year (percent)</th>
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<td>Placed on feed during June</td>
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<td>Fed cattle marketed during June</td>
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<tr>
<td>On feed July 1</td>
<td>11,405</td>
<td>11,204</td>
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## Cattle on Feed Inventory on 1,000+ Capacity Feedlots by Month – States and United States: 2022 and 2023

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<th>July 1, 2023 (1,000 head)</th>
<th>August 1, 2023 (1,000 head)</th>
<th>Percent of previous year (percent)</th>
<th>Percent of previous month (percent)</th>
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<td>11,204</td>
<td>11,030</td>
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## Cattle on Feed Inventory on 1,000+ Capacity Feedlots – United States

![Graph showing cattle inventory on 1,000+ capacity feedlots in the United States from January to December]
Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2022 and 2023

<table>
<thead>
<tr>
<th>State</th>
<th>During July 2022 (1,000 head)</th>
<th>During June 2023 (1,000 head)</th>
<th>During July 2023 Placements (1,000 head)</th>
<th>Percent of previous year (%)</th>
<th>Percent of previous month (%)</th>
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<td>92</td>
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<td>96</td>
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<td>1,764</td>
<td>1,678</td>
<td>1,618</td>
<td>92</td>
<td>96</td>
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Cattle Placed on 1,000+ Capacity Feedlots – United States

Million head

![Graph showing cattle placements by month for 2022 and 2023]
## Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots and Month – States and United States: 2022 and 2023

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</thead>
<tbody>
<tr>
<td></td>
<td>Under 600 lbs (1,000 head)</td>
<td>600-699 lbs (1,000 head)</td>
<td>700-799 lbs (1,000 head)</td>
<td>800-899 lbs (1,000 head)</td>
<td>900+ lbs (1,000 head)</td>
<td>900-999 lbs (1,000 head)</td>
<td>1,000+ lbs (1,000 head)</td>
<td>Total (1,000 head)</td>
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<tr>
<td></td>
<td>Under 600 lbs (1,000 head)</td>
<td>600-699 lbs (1,000 head)</td>
<td>700-799 lbs (1,000 head)</td>
<td>800-899 lbs (1,000 head)</td>
<td>900+ lbs (1,000 head)</td>
<td>900-999 lbs (1,000 head)</td>
<td>1,000+ lbs (1,000 head)</td>
<td>Total (1,000 head)</td>
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<tr>
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<table>
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<tbody>
<tr>
<td></td>
<td>Under 600 lbs (1,000 head)</td>
<td>600-699 lbs (1,000 head)</td>
<td>700-799 lbs (1,000 head)</td>
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(D) Withheld to avoid disclosing data for individual operations.  
(X) Not applicable.  
1 The 900 pounds and greater weight group is the sum of 900-999 pounds and 1,000 pounds and greater weight groups.

## Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2022 and 2023

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<td>1,957</td>
<td>1,727</td>
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<td>88</td>
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Cattle on Feed (August 2023)  
USDA, National Agricultural Statistics Service  
5
Cattle Marketed on 1,000+ Capacity Feedlots – United States

Million head

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<tr>
<td>Jul</td>
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<td>12</td>
</tr>
<tr>
<td>Aug</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>Sep</td>
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</tr>
<tr>
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<td>Nov</td>
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<td>11</td>
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<tr>
<td>Dec</td>
<td>11</td>
<td>12</td>
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</tbody>
</table>

Cattle Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2022 and 2023

<table>
<thead>
<tr>
<th>State</th>
<th>During July 2022 (1,000 head)</th>
<th>During June 2023 (1,000 head)</th>
<th>Other disappearance (1,000 head)</th>
<th>Percent of previous year</th>
<th>Percent of previous month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arizona</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>California</td>
<td>6</td>
<td>8</td>
<td>8</td>
<td>133</td>
<td>100</td>
</tr>
<tr>
<td>Colorado</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Idaho</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>200</td>
<td>200</td>
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<tr>
<td>Iowa</td>
<td>2</td>
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<td>2</td>
<td>100</td>
<td>100</td>
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<tr>
<td>Kansas</td>
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<td>100</td>
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<tr>
<td>Minnesota</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>100</td>
<td>100</td>
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<tr>
<td>Nebraska</td>
<td>10</td>
<td>20</td>
<td>15</td>
<td>150</td>
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<tr>
<td>Oklahoma</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>South Dakota</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>200</td>
<td>100</td>
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<td>Texas</td>
<td>15</td>
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<tr>
<td>Washington</td>
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<td>1</td>
<td>1</td>
<td>100</td>
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</tr>
<tr>
<td>Other States</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>100</td>
<td>100</td>
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<tr>
<td>United States</td>
<td>56</td>
<td>69</td>
<td>65</td>
<td>116</td>
<td>94</td>
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</table>
Terms and Definitions of Cattle on Feed Estimates

**Cattle on feed** are steers and heifers 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 steers and heifers 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 steers and heifers shipped out of feedlots to a slaughter market.

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

Statistical Methodology

**Survey Procedures:** During January and July all known feedlots in the United States with capacity of 1,000 or more head are surveyed to provide data for cattle on feed estimates. During the other months, all known feedlots from 16 States are surveyed. The 16 States account for approximately 98 percent of the cattle on feed in feedlots with capacity of 1,000 or more head. Individual State estimates are published monthly for 12 of the 16 States. Data collected from the remaining 4 States are used to establish the “Other States” estimates. These 4 States include Illinois, New Mexico, Oregon, and Wyoming. The “Other States” category represents all cattle on feed with a capacity of 1,000 or more head for the rest of the United States.

**Estimating Procedures:** These cattle on feed estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by Regional Field Offices. Regional and State survey data were reviewed for reasonableness with each other and with estimates from the previous month when establishing the current estimates.

**Revision Policy:** Revisions to previous estimates are made to improve month to month relationships. Estimates for the previous month are subject to revision in all States each month when current estimates are made. In February, all monthly estimates for the previous year, and the number of feedlots and annual marketings from two years ago 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 Census of Agriculture are available. No revisions will be made after that date and estimates become final.

**Reliability:** Since all 1,000+ capacity cattle on feed operators in every State are not included in the monthly survey, 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 estimates in this report, the "Root Mean Square Error" is shown for selected items in the table on the following page. 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 24 months is 0.3 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 11.0 million head by more than 0.3 percent. Chances are 9 out of 10 that the difference will not exceed 0.5 percent.

The table on the following page shows a 24-month record of the range of differences between first and latest estimates for selected items. Using estimates of number on feed as an example, changes between the first estimate and the latest estimate during the past 24 months have averaged 21,000 head, ranging from 0 to 65,000 head. During this period the initial estimate has been above the latest estimate 0 times and has been below the latest estimate 14 times. This does not imply that the initial estimate is likely to understate or overstate final inventory.
Reliability of Monthly Cattle on Feed Estimates
[Based on data for the past 24 months]

<table>
<thead>
<tr>
<th>Item</th>
<th>Root mean square error (percent)</th>
<th>90 percent confidence level (percent)</th>
<th>Difference between first and latest estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Average (1,000)</td>
<td>Smallest (1,000)</td>
</tr>
<tr>
<td>On feed</td>
<td>0.3</td>
<td>21</td>
<td>0</td>
</tr>
<tr>
<td>Placements</td>
<td>0.5</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>Marketings</td>
<td>0.1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov.

Travis Averill, Chief, Livestock Branch ............................................................................................................. (202) 692-0069

Scott Hollis, Head, Livestock Section .................................................................................................................. (202) 690-2424

  Sherry Bertramsen – Livestock Slaughter ........................................................................................................... (202) 690-8632
  Ryan Cowen – Cattle, Cattle on Feed .................................................................................................................. (202) 720-3040
  Kim DaPra – Milk Production and Milk Cows ..................................................................................................... (512) 501-3266
  Donnie Fike – Dairy Products .......................................................................................................................... (202) 690-3347
  Anthony Fischer – Hogs and Pigs ......................................................................................................................... (202) 720-3106
  Suzanne Richards – Sheep and Goats .................................................................................................................... (202) 720-4448
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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.

- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, https://usda.library.cornell.edu. All email subscriptions containing reports will be sent from the new website, https://usda.library.cornell.edu. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: https://usda.library.cornell.edu/help. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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