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## United States Cattle on Feed Up 1 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 12.2 million head on March 1, 2022. The inventory was 1 percent above March 1, 2021. This is the highest March 1 inventory since the series began in 1996.

**Placements** in feedlots during February totaled 1.85 million head, 9 percent above 2021. Net placements were 1.79 million head. During February, placements of cattle and calves weighing less than 600 pounds were 360,000 head, 600-699 pounds were 325,000 head, 700-799 pounds were 505,000 head, 800-899 pounds were 468,000 head, 900-999 pounds were 135,000 head, and 1,000 pounds and greater were 55,000 head.

**Marketings** of fed cattle during February totaled 1.83 million head, 5 percent above 2021.

**Other disappearance** totaled 59,000 head during February, 2 percent above 2021.

**Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: March 1, 2021 and 2022**

Item	2021	2022	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
On feed February 1 .....	12,106	12,199	101
Placed on feed during February .....	1,691	1,848	109
Fed cattle marketed during February .....	1,739	1,825	105
Other disappearance during February .....	58	59	102
On feed March 1 .....	12,000	12,163	101

**Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: February 1, 2021 and 2022**

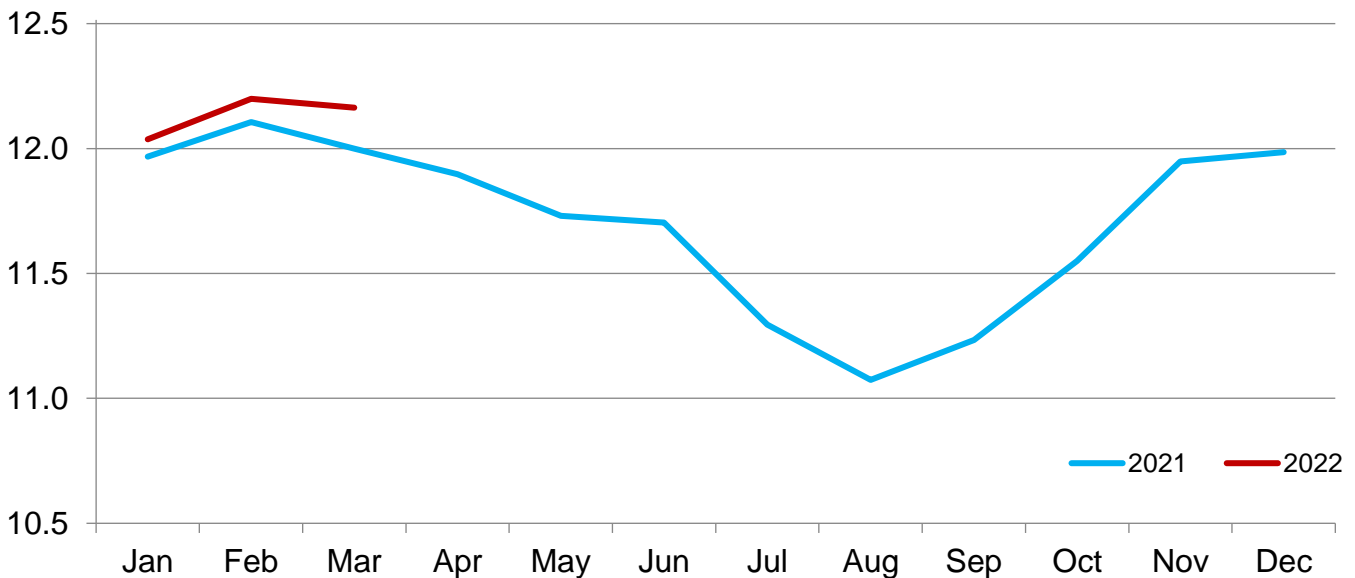
Item	2021	2022	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
On feed January 1 .....	11,967	12,037	101
Placed on feed during January .....	2,024	1,999	99
Fed cattle marketed during January .....	1,829	1,773	97
Other disappearance during January .....	56	64	114
On feed February 1 .....	12,106	12,199	101

**Cattle on Feed Inventory on 1,000+ Capacity Feedlots by Month – States and United States: 2021 and 2022**

State	March 1, 2021	February 1, 2022	March 1, 2022		
			Inventory	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona .....	270	279	283	105	101
California .....	565	560	560	99	100
Colorado .....	1,100	1,140	1,120	102	98
Idaho .....	290	305	305	105	100
Iowa .....	630	610	610	97	100
Kansas .....	2,470	2,540	2,510	102	99
Minnesota .....	115	100	100	87	100
Nebraska .....	2,610	2,660	2,690	103	101
Oklahoma .....	315	310	300	95	97
South Dakota .....	245	235	235	96	100
Texas .....	2,870	2,940	2,940	102	100
Washington .....	225	210	205	91	98
Other States .....	295	310	305	103	98
United States .....	12,000	12,199	12,163	101	100

**Cattle on Feed Inventory on 1,000+ Capacity Feedlots – United States**

Million head

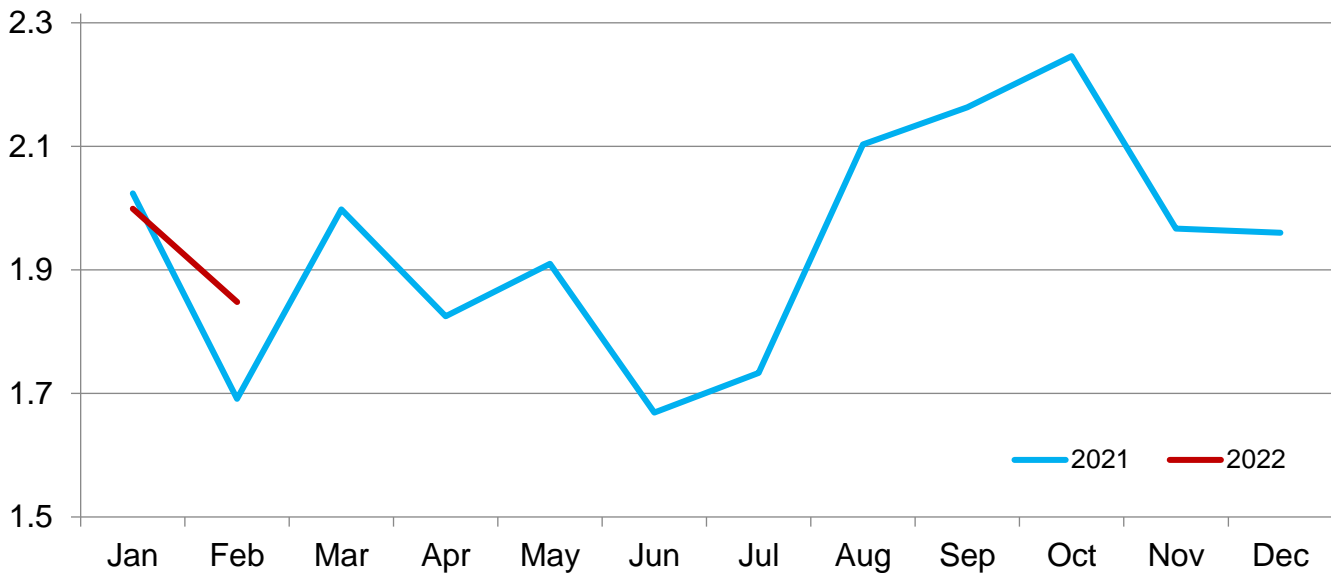


**Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2021 and 2022**

State	During February 2021	During January 2022	During February 2022		
			Placements	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona .....	29	31	30	103	97
California .....	67	52	61	91	117
Colorado .....	165	200	175	106	88
Idaho .....	36	37	39	108	105
Iowa .....	111	110	106	95	96
Kansas .....	380	480	430	113	90
Minnesota .....	13	12	15	115	125
Nebraska .....	440	535	495	113	93
Oklahoma .....	34	39	35	103	90
South Dakota .....	39	37	39	100	105
Texas .....	310	390	350	113	90
Washington .....	25	31	28	112	90
Other States .....	42	45	45	107	100
United States .....	1,691	1,999	1,848	109	92

**Cattle Placed on 1,000+ Capacity Feedlots – United States**

Million head



**Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots and Month – States and United States: 2021 and 2022**

State	During February 2021							
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800-899 lbs (1,000 head)	900+ lbs <sup>1</sup> (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	30	30	40	45	20	(D)	(D)	165
Kansas .....	40	65	125	110	40	(D)	(D)	380
Nebraska .....	30	65	135	135	75	(D)	(D)	440
Texas .....	125	65	70	40	10	(D)	(D)	310
Other States ...	110	70	95	86	35	(D)	(D)	396
United States ..	335	295	465	416	(X)	125	55	1,691
State	During January 2022							
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800-899 lbs (1,000 head)	900+ lbs <sup>1</sup> (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	40	45	55	40	20	(D)	(D)	200
Kansas .....	55	105	165	110	45	(D)	(D)	480
Nebraska .....	45	120	160	145	65	(D)	(D)	535
Texas .....	155	90	80	50	15	(D)	(D)	390
Other States ...	125	85	85	69	30	(D)	(D)	394
United States ..	420	445	545	414	(X)	105	70	1,999
State	During February 2022							
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800-899 lbs (1,000 head)	900+ lbs <sup>1</sup> (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	30	35	45	45	20	(D)	(D)	175
Kansas .....	45	75	140	125	45	(D)	(D)	430
Nebraska .....	35	70	150	160	80	(D)	(D)	495
Texas .....	140	75	75	50	10	(D)	(D)	350
Other States ...	110	70	95	88	35	(D)	(D)	398
United States ..	360	325	505	468	(X)	135	55	1,848

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

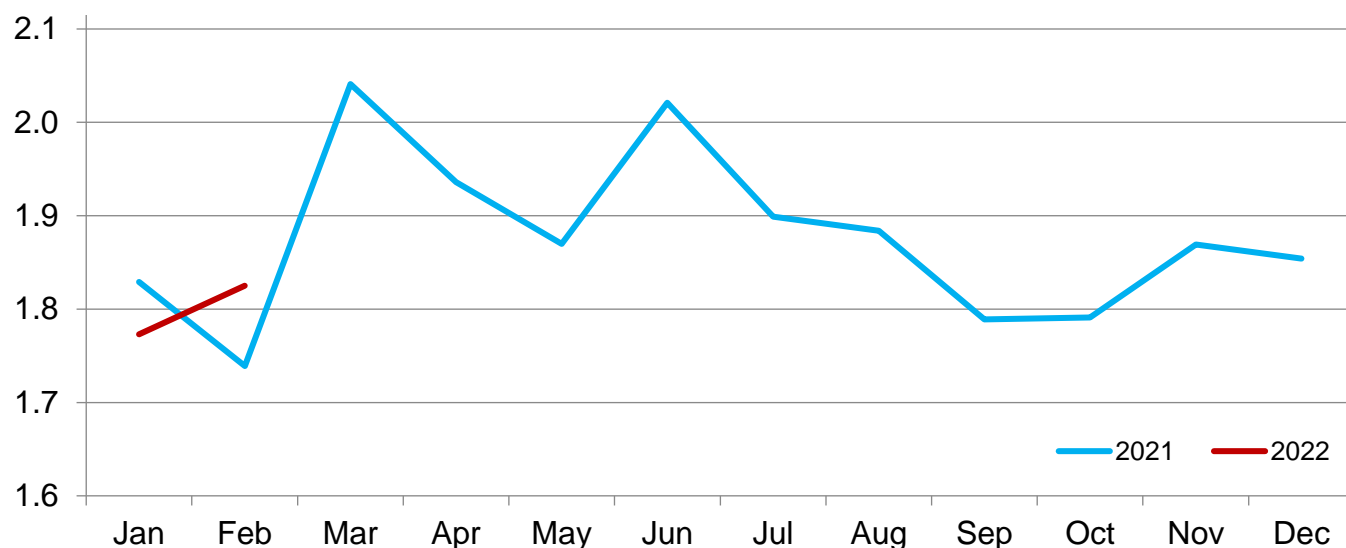
<sup>1</sup> The 900 pounds and greater weight group is the sum of 900-999 pounds and 1,000 pounds and greater weight groups.

**Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2021 and 2022**

State	During February 2021 (1,000 head)	During January 2022 (1,000 head)	During February 2022		
			Marketings (1,000 head)	Percent of previous year (percent)	Percent of previous month (percent)
Arizona .....	24	23	25	104	109
California .....	56	41	54	96	132
Colorado .....	180	185	190	106	103
Idaho .....	35	40	38	109	95
Iowa .....	99	98	103	104	105
Kansas .....	420	420	450	107	107
Minnesota .....	12	11	14	117	127
Nebraska .....	430	460	455	106	99
Oklahoma .....	38	37	44	116	119
South Dakota .....	36	30	37	103	123
Texas .....	335	355	335	100	94
Washington .....	29	30	32	110	107
Other States .....	45	43	48	107	112
United States .....	1,739	1,773	1,825	105	103

## Cattle Marketed on 1,000+ Capacity Feedlots – United States

Million head



### Cattle Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2021 and 2022

State	During February 2021 (1,000 head)	During January 2022 (1,000 head)	During February 2022		
			Other disappearance (1,000 head)	Percent of previous year (percent)	Percent of previous month (percent)
Arizona .....	1	1	1	100	100
California .....	6	6	7	117	117
Colorado .....	5	5	5	100	100
Idaho .....	1	2	1	100	50
Iowa .....	2	2	3	150	150
Kansas .....	10	10	10	100	100
Minnesota .....	1	1	1	100	100
Nebraska .....	10	15	10	100	67
Oklahoma .....	1	2	1	100	50
South Dakota .....	3	2	2	67	100
Texas .....	15	15	15	100	100
Washington .....	1	1	1	100	100
Other States .....	2	2	2	100	100
United States .....	58	64	59	102	92

## 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 0.0 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 12.2 million head by more than 0.0 percent. Chances are 9 out of 10 that the difference will not exceed 0.0 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 1,000 head, ranging from 0 to 6,000 head. During this period the initial estimate has been above the latest estimate 0 times and has been below the latest estimate 5 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]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
On feed .....	0.0	0.0	1	0	6	5	0
Placements .....	0.2	0.4	3	0	15	8	7
Marketings .....	0.2	0.4	2	0	15	5	7

## 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](mailto:nass@usda.gov).

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Sherry Bertramsen – Livestock Slaughter .....	(202) 690-8632
Ryan Cowen – Cattle, Cattle on Feed .....	(202) 720-3040
Anthony Fischer – Hogs and Pigs .....	(202) 720-3106
Logan Hartley-Sanguinett – Sheep and Goats .....	(202) 690-3236
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Suzanne Richards – Dairy Products .....	(202) 720-4448



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- 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](mailto: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](mailto:nass@usda.gov).

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