



Cattle on Feed

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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 11.1 million head on August 1, 2021. The inventory was 2 percent below August 1, 2020.

Placements in feedlots during July totaled 1.74 million head, 8 percent below 2020. Net placements were 1.68 million head. During July, placements of cattle and calves weighing less than 600 pounds were 375,000 head, 600-699 pounds were 255,000 head, 700-799 pounds were 410,000 head, 800-899 pounds were 424,000 head, 900-999 pounds were 205,000 head, and 1,000 pounds and greater were 70,000 head.

Marketings of fed cattle during July totaled 1.90 million head, 5 percent below 2020.

Other disappearance totaled 55,000 head during July, 4 percent below 2020.

Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: August 1, 2020 and 2021

Item	2020	2021	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
On feed July 1	11,438	11,290	99
Placed on feed during July	1,893	1,739	92
Fed cattle marketed during July	1,990	1,900	95
Other disappearance during July	57	55	96
On feed August 1	11,284	11,074	98

Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: July 1, 2020 and 2021

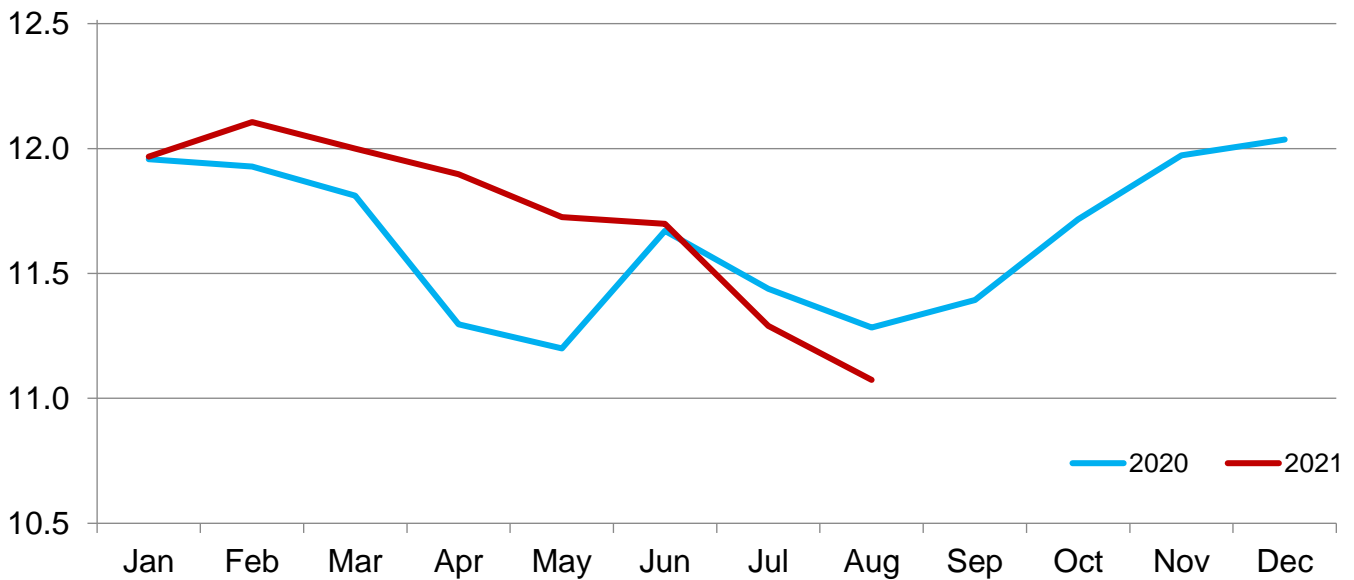
Item	2020	2021	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
On feed June 1	11,671	11,699	100
Placed on feed during June	1,798	1,670	93
Fed cattle marketed during June	1,969	2,022	103
Other disappearance during June	62	57	92
On feed July 1	11,438	11,290	99

Cattle on Feed Inventory on 1,000+ Capacity Feedlots by Month – States and United States: 2020 and 2021

State	August 1, 2020	July 1, 2021	August 1, 2021		
			Inventory	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	269	275	274	102	100
California	545	540	540	99	100
Colorado	1,020	1,060	1,040	102	98
Idaho	260	280	275	106	98
Iowa	620	600	600	97	100
Kansas	2,410	2,450	2,410	100	98
Minnesota	120	100	95	79	95
Nebraska	2,220	2,290	2,200	99	96
Oklahoma	305	275	270	89	98
South Dakota	180	200	195	108	98
Texas	2,850	2,770	2,720	95	98
Washington	225	190	190	84	100
Other States	260	260	265	102	102
United States	11,284	11,290	11,074	98	98

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

Million head

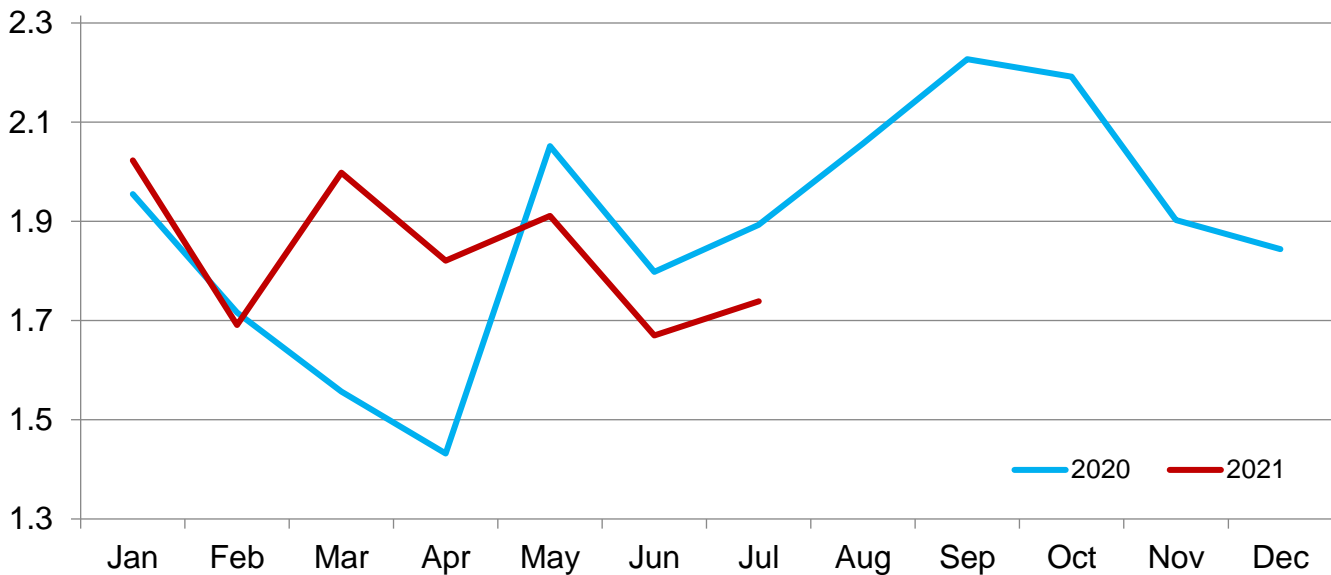


Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2020 and 2021

State	During July 2020 (1,000 head)	During June 2021 (1,000 head)	During July 2021		
			Placements (1,000 head)	Percent of previous year (percent)	Percent of previous month (percent)
Arizona	20	22	22	110	100
California	59	62	64	108	103
Colorado	165	130	160	97	123
Idaho	33	36	38	115	106
Iowa	63	44	56	89	127
Kansas	520	430	440	85	102
Minnesota	11	12	11	100	92
Nebraska	470	415	440	94	106
Oklahoma	41	54	38	93	70
South Dakota	20	20	21	105	105
Texas	415	380	370	89	97
Washington	33	24	31	94	129
Other States	43	41	48	112	117
United States	1,893	1,670	1,739	92	104

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: 2020 and 2021

State	During July 2020							
	Under 600 lbs	600-699 lbs	700-799 lbs	800-899 lbs	900+ lbs ¹	900-999 lbs	1,000+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	35	30	40	30	30	(D)	(D)	165
Kansas	65	95	155	145	60	(D)	(D)	520
Nebraska	40	55	110	160	105	(D)	(D)	470
Texas	185	100	70	45	15	(D)	(D)	415
Other States ...	95	35	60	78	55	(D)	(D)	323
United States ..	420	315	435	458	(X)	195	70	1,893
State	During June 2021							
	Under 600 lbs	600-699 lbs	700-799 lbs	800-899 lbs	900+ lbs ¹	900-999 lbs	1,000+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	30	25	25	30	20	(D)	(D)	130
Kansas	55	70	125	115	65	(D)	(D)	430
Nebraska	30	50	85	130	120	(D)	(D)	415
Texas	145	70	85	55	25	(D)	(D)	380
Other States ...	85	45	55	75	55	(D)	(D)	315
United States ..	345	260	375	405	(X)	195	90	1,670
State	During July 2021							
	Under 600 lbs	600-699 lbs	700-799 lbs	800-899 lbs	900+ lbs ¹	900-999 lbs	1,000+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	35	25	35	35	30	(D)	(D)	160
Kansas	55	70	145	115	55	(D)	(D)	440
Nebraska	35	45	95	150	115	(D)	(D)	440
Texas	155	80	75	45	15	(D)	(D)	370
Other States ...	95	35	60	79	60	(D)	(D)	329
United States ..	375	255	410	424	(X)	205	70	1,739

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

(X) Not applicable.

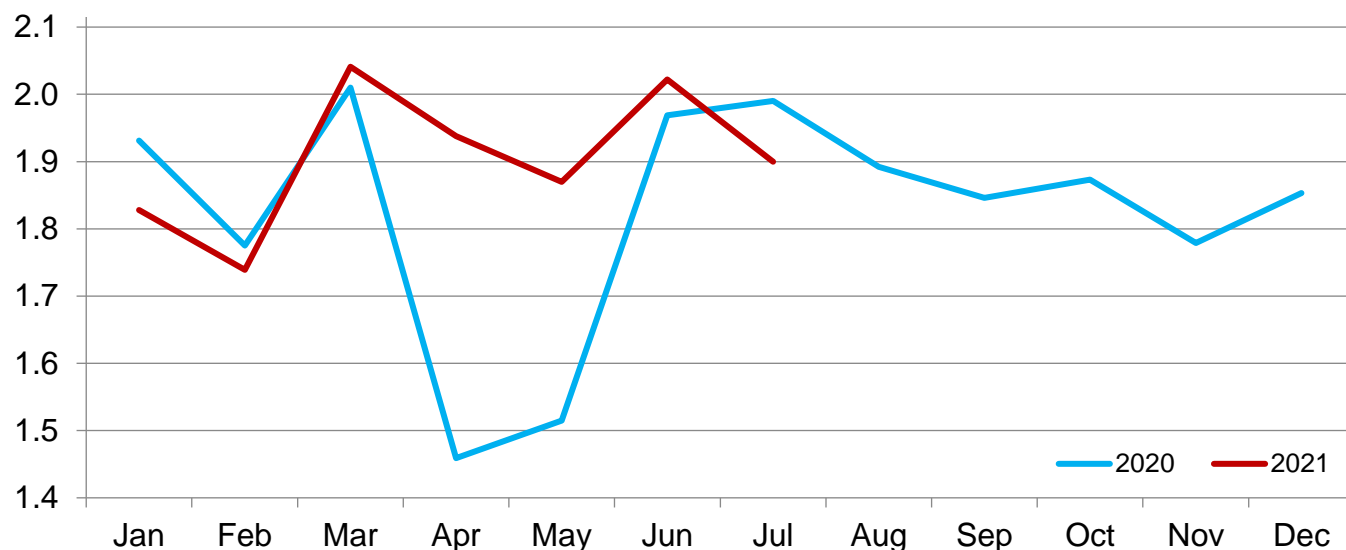
¹ The 900 pounds and greater weight group is the sum of 900-999 pounds and 1,000 pounds and greater weight groups.

Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2020 and 2021

State	During July 2020	During June 2021	During July 2021		
			Marketings	Percent of previous year	Percent of previous month
			(1,000 head)	(percent)	(percent)
Arizona	23	25	22	96	88
California	53	60	56	106	93
Colorado	160	145	175	109	121
Idaho	52	44	41	79	93
Iowa	70	62	53	76	85
Kansas	490	490	470	96	96
Minnesota	15	16	15	100	94
Nebraska	500	555	520	104	94
Oklahoma	50	53	42	84	79
South Dakota	24	36	25	104	69
Texas	470	450	410	87	91
Washington	32	32	30	94	94
Other States	51	54	41	80	76
United States	1,990	2,022	1,900	95	94

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: 2020 and 2021

State	During July 2020 (1,000 head)	During June 2021 (1,000 head)	During July 2021		
			Other disappearance (1,000 head)	Percent of previous year (percent)	Percent of previous month (percent)
Arizona	1	1	1	100	100
California	6	7	8	133	114
Colorado	5	5	5	100	100
Idaho	1	2	2	200	100
Iowa	3	2	3	100	150
Kansas	10	10	10	100	100
Minnesota	1	1	1	100	100
Nebraska	10	10	10	100	100
Oklahoma	1	1	1	100	100
South Dakota	1	4	1	100	25
Texas	15	10	10	67	100
Washington	1	2	1	100	50
Other States	2	2	2	100	100
United States	57	57	55	96	96

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 11.1 million head by more than 0.0 percent. Chances are 9 out of 10 that the difference will not exceed 0.1 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 15,000 head. During this period the initial estimate has been above the latest estimate 1 time and has been below the latest estimate 3 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	0.1	1	0	15	3	1
Placements	0.3	0.4	3	0	15	7	2
Marketings	0.2	0.4	1	0	15	4	1

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.

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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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