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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 12.1 million head on February 1, 2021. The inventory was 1 percent above February 1, 2020. This is the second highest February 1 inventory since the series began in 1996.

Placements in feedlots during January totaled 2.02 million head, 3 percent above 2020. Net placements were 1.96 million head. During January, placements of cattle and calves weighing less than 600 pounds were 410,000 head, 600-699 pounds were 440,000 head, 700-799 pounds were 575,000 head, 800-899 pounds were 417,000 head, 900-999 pounds were 105,000 head, and 1,000 pounds and greater were 70,000 head.

Marketings of fed cattle during January totaled 1.82 million head, 6 percent below 2020.

Other disappearance totaled 56,000 head during January, 4 percent above 2020.

Cattle on Feed and Annual Size Group Estimates

Cattle and calves on feed for slaughter market in the United States for feedlots with capacity of 1,000 or more head represented 81.4 percent of all cattle and calves on feed in the United States on January 1, 2021. This is comparable to the 81.6 percent on January 1, 2020.

Marketings of fed cattle for feedlots with capacity of 1,000 or more head during 2020 represented 87.1 percent of total cattle marketed from all feedlots in the United States, up slightly from 87.0 percent during 2019.

Contents

Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: February 1, 2020 and 2021	3
Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: January 1, 2020 and 2021	3
Cattle on Feed by Class on 1,000+ Capacity Feedlots – United States: January 1, 2020 and 2021.....	3
Cattle on Feed Inventory on 1,000+ Capacity Feedlots by Month – States and United States: 2020 and 2021	4
Cattle on Feed Inventory on 1,000+ Capacity Feedlots – United States.....	4
Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2020 and 2021	5
Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots and Month – States and United States: 2020 and 2021	5
Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2020 and 2021	6
Cattle Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2020 and 2021.....	6
Cattle on Feed Inventory on 1,000+ Capacity Feedlots by Month – States and United States: 2020.....	7
Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2020.....	8
Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots and Month – States and United States: 2020	9
Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2020.....	13
Cattle Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2020.....	14
Cattle on Feed by Class on 1,000+ Capacity Feedlots and Quarter – States and United States: 2020	15
Feedlots, Inventory, and Marketings by Size of Feedlot – United States: 2019 and 2020.....	15
Total Feedlot Capacity of 1,000+ Capacity Feedlots – United States: January 1, 2020 and 2021.....	15
All Cattle on Feed Inventory - States and United States: January 1, 2020 and 2021.....	16
Terms and Definitions of Cattle on Feed Estimates.....	17
Statistical Methodology.....	17
Reliability of Monthly Cattle on Feed Estimates	18
Information Contacts.....	18

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

Item	2020	2021	Percent of previous year	
	(1,000 head)	(1,000 head)	(percent)	
On feed January 1	11,958	11,967	100	
Placed on feed during January	1,955	2,017	103	
Fed cattle marketed during January	1,931	1,822	94	
Other disappearance during January	54	56	104	
On feed February 1	11,928	12,106	101	

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

[December preceding year]

Item	2020	2021	Percent of previous year	
	(1,000 head)	(1,000 head)	(percent)	
On feed December 1	12,031	12,036	100	
Placed on feed during December	1,828	1,844	101	
Fed cattle marketed during December	1,834	1,853	101	
Other disappearance during December	67	60	90	
On feed January 1	11,958	11,967	100	

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

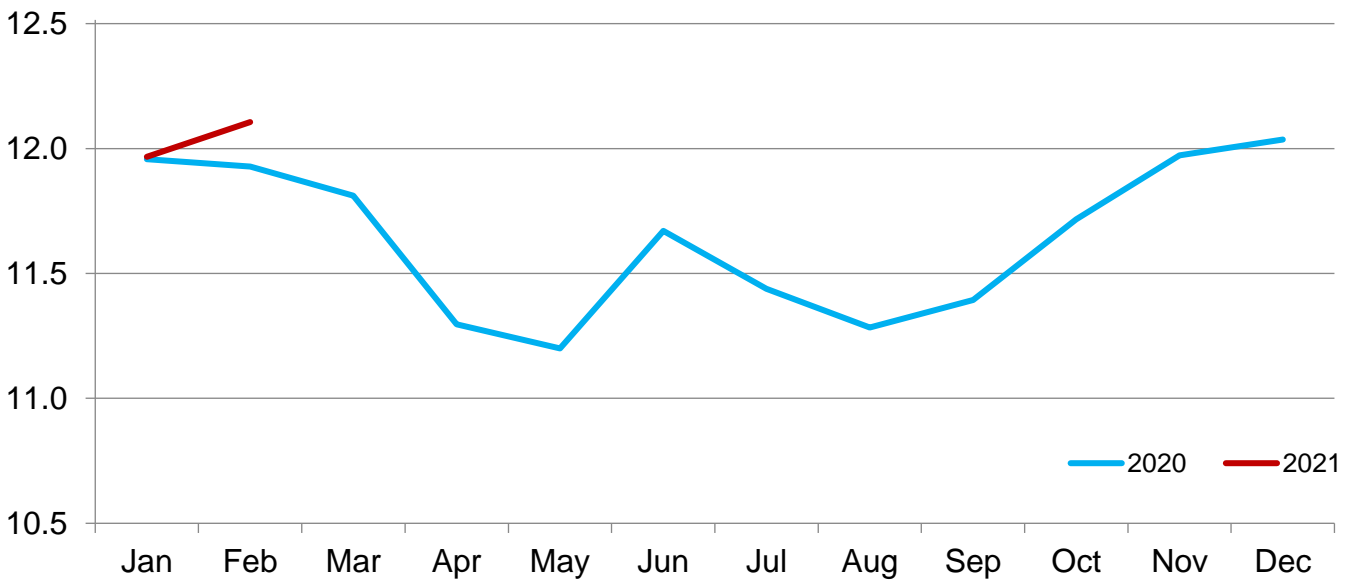
Item	2020	2021	Percent of	
			previous year	inventory
	(1,000 head)	(1,000 head)	(percent)	(percent)
Class on feed January 1				
Steers and steer calves	7,373	7,402	100	62
Heifers and heifer calves	4,585	4,565	100	38

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

State	February 1, 2020	January 1, 2021	February 1, 2021		
			Inventory	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	253	262	266	105	102
California	545	555	560	103	101
Colorado	1,100	1,110	1,120	102	101
Idaho	300	285	290	97	102
Iowa	670	610	620	93	102
Kansas	2,400	2,500	2,520	105	101
Minnesota	135	115	115	85	100
Nebraska	2,480	2,550	2,610	105	102
Oklahoma	325	325	320	98	98
South Dakota	240	245	245	102	100
Texas	2,940	2,870	2,910	99	101
Washington	230	235	230	100	98
Other States	310	305	300	97	98
United States	11,928	11,967	12,106	101	101

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 January 2020	During December 2020	During January 2021		
			Placements	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	29	32	28	97	88
California	72	65	66	92	102
Colorado	205	155	195	95	126
Idaho	33	41	38	115	93
Iowa	111	93	109	98	117
Kansas	445	440	480	108	109
Minnesota	17	9	15	88	167
Nebraska	510	480	530	104	110
Oklahoma	43	43	40	93	93
South Dakota	41	40	40	98	100
Texas	370	380	405	109	107
Washington	34	25	25	74	100
Other States	45	41	46	102	112
United States	1,955	1,844	2,017	103	109

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

State	During January 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	40	50	55	40	20	(D)	(D)	205
Kansas	40	95	160	105	45	(D)	(D)	445
Nebraska	40	115	150	140	65	(D)	(D)	510
Texas	135	100	75	45	15	(D)	(D)	370
Other States ...	135	95	95	70	30	(D)	(D)	425
United States ..	390	455	535	400	(X)	105	70	1,955
State	During December 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	40	35	25	20	(D)	(D)	155
Kansas	60	100	140	90	50	(D)	(D)	440
Nebraska	50	110	115	110	95	(D)	(D)	480
Texas	170	95	65	40	10	(D)	(D)	380
Other States ...	145	90	70	54	30	(D)	(D)	389
United States ..	460	435	425	319	(X)	110	95	1,844
State	During January 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	45	55	40	20	(D)	(D)	195
Kansas	50	100	175	110	45	(D)	(D)	480
Nebraska	40	115	165	145	65	(D)	(D)	530
Texas	155	95	85	55	15	(D)	(D)	405
Other States ...	130	85	95	67	30	(D)	(D)	407
United States ..	410	440	575	417	(X)	105	70	2,017

(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 January 2020	During December 2020	During January 2021		
			Marketings	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	28	25	23	82	92
California	62	61	56	90	92
Colorado	190	170	180	95	106
Idaho	32	45	32	100	71
Iowa	108	91	97	90	107
Kansas	455	425	450	99	106
Minnesota	16	18	14	88	78
Nebraska	480	450	460	96	102
Oklahoma	46	42	44	96	105
South Dakota	43	43	38	88	88
Texas	380	395	350	92	89
Washington	38	44	29	76	66
Other States	53	44	49	92	111
United States	1,931	1,853	1,822	94	98

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

State	During January 2020	During December 2020	During January 2021		
			Other disappearance	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	1	1	1	100	100
California	5	4	5	100	125
Colorado	5	5	5	100	100
Idaho	1	1	1	100	100
Iowa	3	2	2	67	100
Kansas	10	15	10	100	67
Minnesota	1	1	1	100	100
Nebraska	10	10	10	100	100
Oklahoma	2	1	1	50	100
South Dakota	3	2	2	67	100
Texas	10	15	15	150	100
Washington	1	1	1	100	100
Other States	2	2	2	100	100
United States	54	60	56	104	93

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

State	January 1	February 1	March 1	April 1	May 1	June 1
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	253	253	256	262	265	271
California	540	545	545	535	530	545
Colorado	1,090	1,100	1,050	960	950	1,010
Idaho	300	300	295	285	280	280
Iowa	670	670	670	630	620	640
Kansas	2,420	2,400	2,380	2,290	2,320	2,430
Minnesota	135	135	135	130	130	130
Nebraska	2,460	2,480	2,500	2,390	2,370	2,410
Oklahoma	330	325	320	305	295	315
South Dakota	245	240	240	215	205	200
Texas	2,960	2,940	2,880	2,760	2,690	2,930
Washington	235	230	235	235	245	230
Other States	320	310	305	300	300	280
United States	11,958	11,928	11,811	11,297	11,200	11,671
State	July 1	August 1	September 1	October 1	November 1	December 1
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	273	269	264	257	258	256
California	545	545	535	545	555	555
Colorado	1,020	1,020	1,040	1,110	1,120	1,130
Idaho	280	260	255	270	280	290
Iowa	630	620	610	610	620	610
Kansas	2,390	2,410	2,470	2,540	2,520	2,500
Minnesota	125	120	110	105	125	125
Nebraska	2,260	2,220	2,280	2,410	2,500	2,530
Oklahoma	315	305	310	315	320	325
South Dakota	185	180	190	190	225	250
Texas	2,920	2,850	2,850	2,870	2,910	2,900
Washington	225	225	220	220	245	255
Other States	270	260	260	275	295	310
United States	11,438	11,284	11,394	11,717	11,973	12,036

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

State	During					
	December ¹	January	February	March	April	May
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	25	29	26	31	25	23
California	64	72	64	62	68	76
Colorado	140	205	160	135	115	215
Idaho	36	33	32	28	26	36
Iowa	72	111	108	69	62	75
Kansas	435	445	390	345	355	495
Minnesota	10	17	13	12	13	11
Nebraska	465	510	455	380	310	410
Oklahoma	59	43	36	40	37	65
South Dakota	40	41	36	23	23	33
Texas	410	370	320	350	330	565
Washington	32	34	35	33	34	16
Other States	40	45	41	49	34	32
United States	1,828	1,955	1,716	1,557	1,432	2,052

State	During					
	June	July	August	September	October	November
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	22	20	15	16	27	22
California	60	59	52	68	66	58
Colorado	175	165	180	245	175	165
Idaho	38	33	41	54	53	49
Iowa	58	63	75	72	105	82
Kansas	425	520	540	490	430	415
Minnesota	14	11	12	19	35	15
Nebraska	420	470	505	600	560	460
Oklahoma	55	41	58	62	51	52
South Dakota	23	20	47	45	84	79
Texas	440	415	440	450	480	405
Washington	26	33	40	45	61	45
Other States	42	43	52	61	65	56
United States	1,798	1,893	2,057	2,227	2,192	1,903

¹ December prior year.

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

State	During December prior year							
	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	35	35	25	15	(D)	(D)	140
Kansas	65	110	135	80	45	(D)	(D)	435
Nebraska	50	110	105	100	100	(D)	(D)	465
Texas	170	110	75	40	15	(D)	(D)	410
Other States ...	150	90	63	50	25	(D)	(D)	378
United States ..	465	455	413	295	(X)	95	105	1,828
State	During January							
	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	40	50	55	40	20	(D)	(D)	205
Kansas	40	95	160	105	45	(D)	(D)	445
Nebraska	40	115	150	140	65	(D)	(D)	510
Texas	135	100	75	45	15	(D)	(D)	370
Other States ...	135	95	95	70	30	(D)	(D)	425
United States ..	390	455	535	400	(X)	105	70	1,955
State	During February							
	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	30	35	45	20	(D)	(D)	160
Kansas	45	70	125	110	40	(D)	(D)	390
Nebraska	30	80	140	130	75	(D)	(D)	455
Texas	130	70	70	40	10	(D)	(D)	320
Other States ...	105	70	95	86	35	(D)	(D)	391
United States ..	340	320	465	411	(X)	120	60	1,716

See footnote(s) at end of table.

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Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2020 (continued)

State	During March							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	25	20	35	35	20	(D)	(D)	135
Kansas	40	50	110	100	45	(D)	(D)	345
Nebraska	25	45	100	120	90	(D)	(D)	380
Texas	115	65	85	65	20	(D)	(D)	350
Other States	105	40	80	82	40	(D)	(D)	347
United States ..	310	220	410	402	(X)	155	60	1,557
State	During April							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	25	15	25	30	20	(D)	(D)	115
Kansas	35	45	100	115	60	(D)	(D)	355
Nebraska	20	30	65	105	90	(D)	(D)	310
Texas	110	55	65	70	30	(D)	(D)	330
Other States	105	35	60	72	50	(D)	(D)	322
United States ..	295	180	315	392	(X)	180	70	1,432
State	During May							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	35	30	50	60	40	(D)	(D)	215
Kansas	55	70	140	140	90	(D)	(D)	495
Nebraska	30	35	80	145	120	(D)	(D)	410
Texas	150	120	145	110	40	(D)	(D)	565
Other States	110	55	70	82	50	(D)	(D)	367
United States ..	380	310	485	537	(X)	235	105	2,052

See footnote(s) at end of table.

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Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2020 (continued)

State	During June							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	45	35	30	35	30	(D)	(D)	175
Kansas	60	80	110	115	60	(D)	(D)	425
Nebraska	40	55	75	130	120	(D)	(D)	420
Texas	185	90	90	55	20	(D)	(D)	440
Other States ...	100	50	55	78	55	(D)	(D)	338
United States ..	430	310	360	413	(X)	200	85	1,798

State	During July							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (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 August							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	25	30	35	50	40	(D)	(D)	180
Kansas	60	100	170	150	60	(D)	(D)	540
Nebraska	45	50	105	165	140	(D)	(D)	505
Texas	180	110	90	50	10	(D)	(D)	440
Other States ...	95	45	70	107	75	(D)	(D)	392
United States ..	405	335	470	522	(X)	230	95	2,057

See footnote(s) at end of table.

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Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2020 (continued)

State	During September							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	30	30	55	65	65	(D)	(D)	245
Kansas	65	95	155	115	60	(D)	(D)	490
Nebraska	55	60	115	180	190	(D)	(D)	600
Texas	175	125	95	45	10	(D)	(D)	450
Other States	120	50	80	112	80	(D)	(D)	442
United States ..	445	360	500	517	(X)	300	105	2,227
State	During October							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	35	30	35	40	35	(D)	(D)	175
Kansas	65	90	140	90	45	(D)	(D)	430
Nebraska	120	125	90	110	115	(D)	(D)	560
Texas	170	125	115	55	15	(D)	(D)	480
Other States	180	125	85	92	65	(D)	(D)	547
United States ..	570	495	465	387	(X)	185	90	2,192
State	During November							
	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 ¹ (1,000 head)	900-999 lbs (1,000 head)	1,000+ lbs (1,000 head)	Total (1,000 head)
Colorado	50	35	30	30	20	(D)	(D)	165
Kansas	60	100	125	85	45	(D)	(D)	415
Nebraska	80	110	90	85	95	(D)	(D)	460
Texas	150	115	80	45	15	(D)	(D)	405
Other States	180	100	75	58	45	(D)	(D)	458
United States ..	520	460	400	303	(X)	130	90	1,903

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

(X) Not applicable.

¹ The 900+ weight group is the sum of 900-999 pound and 1,000+ pound weight group.

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

State	During					
	December ¹	January	February	March	April	May
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	27	28	22	24	21	16
California	70	62	58	66	62	54
Colorado	145	190	205	220	120	145
Idaho	35	32	36	37	30	35
Iowa	90	108	106	105	68	52
Kansas	430	455	400	425	310	375
Minnesota	14	16	12	16	12	10
Nebraska	470	480	425	475	315	355
Oklahoma	52	46	40	54	46	44
South Dakota	43	43	33	44	30	34
Texas	365	380	365	460	390	315
Washington	36	38	29	32	23	30
Other States	57	53	44	52	32	50
United States	1,834	1,931	1,775	2,010	1,459	1,515

State	During					
	June	July	August	September	October	November
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	19	23	19	22	25	23
California	53	53	54	49	49	51
Colorado	160	160	155	170	160	150
Idaho	37	52	45	38	41	38
Iowa	66	70	83	70	92	90
Kansas	455	490	470	410	440	425
Minnesota	18	15	21	23	14	14
Nebraska	555	500	435	460	460	415
Oklahoma	54	50	52	56	45	46
South Dakota	32	24	34	44	48	53
Texas	440	470	430	415	420	400
Washington	30	32	44	44	35	34
Other States	50	51	50	45	44	40
United States	1,969	1,990	1,892	1,846	1,873	1,779

¹ December prior year.

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

State	During					
	December ¹	January	February	March	April	May
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	1	1	1	1	1	1
California	4	5	6	6	11	7
Colorado	5	5	5	5	5	10
Idaho	1	1	1	1	1	1
Iowa	2	3	2	4	4	3
Kansas	15	10	10	10	15	10
Minnesota	1	1	1	1	1	1
Nebraska	15	10	10	15	15	15
Oklahoma	2	2	1	1	1	1
South Dakota	2	3	3	4	3	4
Texas	15	10	15	10	10	10
Washington	1	1	1	1	1	1
Other States	3	2	2	2	2	2
United States	67	54	58	61	70	66

State	During					
	June	July	August	September	October	November
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	1	1	1	1	1	1
California	7	6	8	9	7	7
Colorado	5	5	5	5	5	5
Idaho	1	1	1	1	2	1
Iowa	2	3	2	2	3	2
Kansas	10	10	10	10	10	10
Minnesota	1	1	1	1	1	1
Nebraska	15	10	10	10	10	15
Oklahoma	1	1	1	1	1	1
South Dakota	6	1	3	1	1	1
Texas	10	15	10	15	20	15
Washington	1	1	1	1	1	1
Other States	2	2	2	1	1	1
United States	62	57	55	58	63	61

¹ December prior year.

Cattle on Feed by Class on 1,000+ Capacity Feedlots and Quarter – States and United States: 2020

State	Steers & steer calves				Heifers & heifer calves			
	January 1	April 1	July 1	October 1	January 1	April 1	July 1	October 1
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	248	257	268	252	5	5	5	5
California	465	465	465	465	75	70	80	80
Colorado	585	525	560	645	505	435	460	465
Idaho	185	190	170	150	115	95	110	120
Iowa	490	465	465	460	180	165	165	150
Kansas	1,300	1,260	1,280	1,380	1,120	1,030	1,110	1,160
Minnesota	115	115	105	90	20	15	20	15
Nebraska	1,490	1,500	1,380	1,500	970	890	880	910
Oklahoma	185	165	160	175	145	140	155	140
South Dakota	140	125	115	115	105	90	70	75
Texas	1,830	1,675	1,750	1,780	1,130	1,085	1,170	1,090
Washington	135	140	135	120	100	95	90	100
Other States	205	200	180	180	115	100	90	95
United States	7,373	7,082	7,033	7,312	4,585	4,215	4,405	4,405

Feedlots, Inventory, and Marketings by Size of Feedlot – United States: 2019 and 2020

Feedlot capacity	2019			2020		
	Feedlots	Inventory ¹	Cattle marketed	Feedlots	Inventory ¹	Cattle marketed
	(number)	(1,000 head)	(1,000 head)	(number)	(1,000 head)	(1,000 head)
Less than 1,000 head	26,000	2,699.7	3,360.0	27,000	2,740.4	3,240.0
1,000 head or more	2,165	11,958.0	22,526.0	2,145	11,967.0	21,892.0
1,000 - 1,999	770	378.0	646.0	750	387.0	612.0
2,000 - 3,999	580	730.0	1,310.0	570	730.0	1,290.0
4,000 - 7,999	365	1,020.0	1,910.0	375	1,020.0	1,820.0
8,000 - 15,999	190	1,220.0	2,340.0	190	1,090.0	2,170.0
16,000 - 23,999	78	870.0	1,700.0	79	910.0	1,780.0
24,000 - 31,999	51	1,020.0	1,900.0	49	950.0	1,790.0
32,000 - 49,999	56	2,010.0	3,880.0	55	2,010.0	3,590.0
50,000 and Over	75	4,710.0	8,840.0	77	4,870.0	8,840.0
All feedlots	28,165	14,657.7	25,886.0	29,145	14,707.4	25,132.0

¹ Inventory estimates as of January 1 of the following year.

Total Feedlot Capacity of 1,000+ Capacity Feedlots – United States: January 1, 2020 and 2021

State	Feedlot capacity	
	2020	2021
	(1,000 head)	(1,000 head)
United States	17,100	17,200

All Cattle on Feed Inventory - States and United States: January 1, 2020 and 2021

[Cattle and calves 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 late placement in another feedlot. Cattle and calves on feed are included in the cattle inventory estimates by class]

State	2020	2021	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
Arizona	255.0	265.0	104
California	540.0	555.0	103
Colorado	1,120.0	1,140.0	102
Idaho	310.0	300.0	97
Illinois	240.0	230.0	96
Indiana	105.0	115.0	110
Iowa	1,290.0	1,170.0	91
Kansas	2,580.0	2,660.0	103
Kentucky	17.0	19.0	112
Maryland	6.0	7.0	117
Michigan	165.0	185.0	112
Minnesota	400.0	400.0	100
Missouri	110.0	100.0	91
Montana	50.0	53.0	106
Nebraska	2,600.0	2,720.0	105
Nevada	3.0	3.0	100
New York	22.0	22.0	100
North Dakota	42.0	49.0	117
Ohio	170.0	150.0	88
Oklahoma	340.0	335.0	99
Oregon	95.0	105.0	111
Pennsylvania	100.0	80.0	80
South Dakota	440.0	460.0	105
Texas	2,980.0	2,890.0	97
Utah	20.0	23.0	115
Virginia	20.0	16.0	80
Washington	240.0	240.0	100
West Virginia	4.0	5.0	125
Wisconsin	240.0	250.0	104
Wyoming	70.0	74.0	106
Other States ¹	83.7	86.4	103
United States	14,657.7	14,707.4	100

¹ Individual state estimates not available for states not shown, but are included in Other States.

Terms and Definitions of Cattle on Feed Estimates

Number of feedlots is the number of lots operating at the end of the year with inventory of cattle on feed.

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 0.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 12.1 million head by more than 0.1 percent. Chances are 9 out of 10 that the difference will not exceed 0.1 percent.

The table below 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 4,000 head, ranging from 0 to 15,000 head. During this period the initial estimate has been above the latest estimate 7 times 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	0.1	0.1	4	0	15	3	7
Placements	0.3	0.4	3	0	15	7	3
Marketings	0.2	0.4	1	0	15	1	2

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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