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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 10.8 million head on February 1, 2017. The inventory was 1 percent above February 1, 2016.

**Placements** in feedlots during January totaled 1.98 million head, 11 percent above 2016. Net placements were 1.93 million head. During January, placements of cattle and calves weighing less than 600 pounds were 380,000 head, 600-699 pounds were 445,000 head, 700-799 pounds were 585,000 head, 800-899 pounds were 410,000, 900-999 pounds were 116,000, and 1,000 pounds and greater were 45,000 head.

New placement weight categories are available this month. The new categories are 800-899 pounds, 900-999 pounds, and 1,000 pounds and greater. Information for January 2017 and January a year ago can be found on page 5 of this publication. This additional information will be published monthly in the *Cattle on Feed* report.

**Marketings** of fed cattle during January totaled 1.75 million head, 10 percent above 2016.

**Other disappearance** totaled 53,000 head during January, 5 percent below 2016.

## 2016 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 81.2 percent of all cattle and calves on feed in the United States on January 1, 2017. This is comparable to the 80.4 percent on January 1, 2016.

**Marketings** of fed cattle for feedlots with capacity of 1,000 or more head during 2016 represented 87.1 percent of total cattle marketed from all feedlots in the United States, down slightly from 87.2 percent during 2015.

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**Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: February 1, 2016 and 2017**

Item	Number		Percent of previous year
	2016	2017	
	(1,000 head)	(1,000 head)	(percent)
On feed January 1 .....	10,575	10,605	100
Placed on feed during January .....	1,779	1,981	111
Fed cattle marketed during January .....	1,589	1,751	110
Other disappearance during January .....	56	53	95
On feed February 1 .....	10,709	10,782	101

**Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: January 1, 2016 and 2017**

Item	Number		Percent of previous year
	2016	2017	
	(1,000 head)	(1,000 head)	(percent)
On feed December 1 .....	10,800	10,652	99
Placed on feed during December .....	1,527	1,785	117
Fed cattle marketed during December .....	1,674	1,777	106
Other disappearance during December .....	78	55	71
On feed January 1 .....	10,575	10,605	100

**Number on Feed by Class on 1,000+ Capacity Feedlots – United States: January 1, 2016 and 2017**

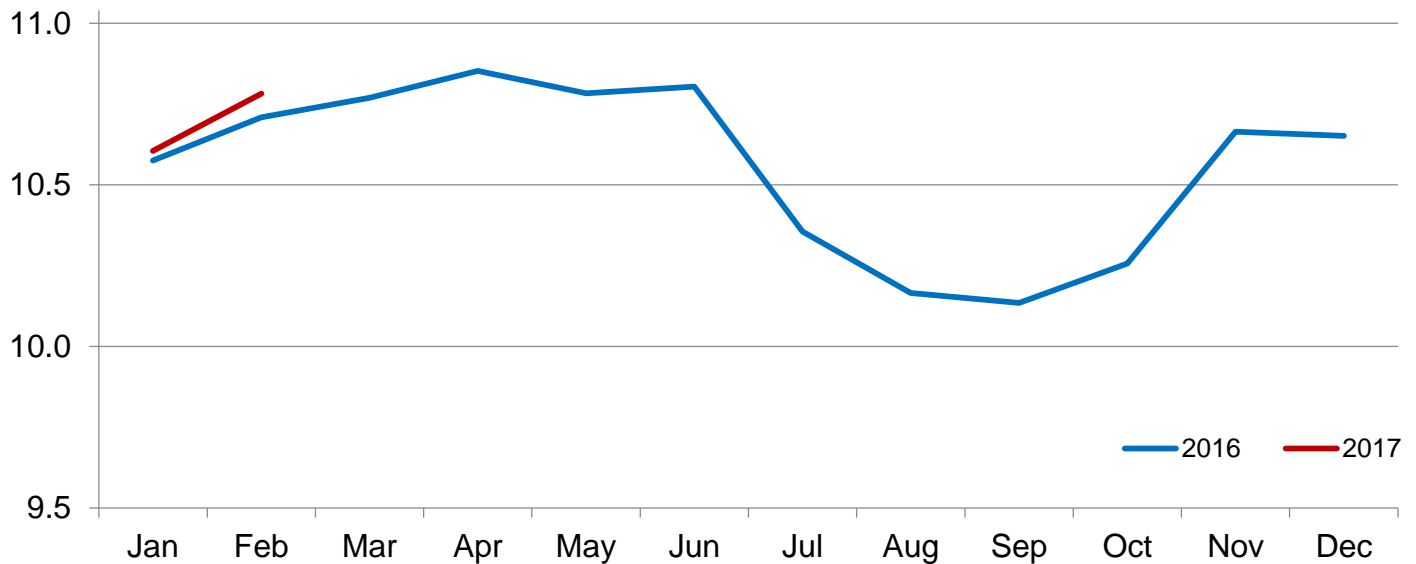
Item	Number		Percent of	
	2016	2017	previous year	inventory
	(1,000 head)	(1,000 head)	(percent)	(percent)
Class on feed January 1				
Steers and steer calves .....	7,164	7,022	98	66
Heifers and heifer calves .....	3,411	3,583	105	34

**Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2016 and 2017**

State	February 1, 2016	January 1, 2017	February 1, 2017		
			Number	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona .....	276	250	243	88	97
California .....	445	430	430	97	100
Colorado .....	880	900	900	102	100
Idaho .....	245	260	250	102	96
Iowa .....	620	600	640	103	107
Kansas .....	2,140	2,170	2,210	103	102
Minnesota .....	158	150	159	101	106
Nebraska .....	2,460	2,370	2,450	100	103
Oklahoma .....	280	300	300	107	100
South Dakota .....	260	230	240	92	104
Texas .....	2,430	2,420	2,450	101	101
Washington .....	195	185	180	92	97
Other States .....	320	340	330	103	97
United States .....	10,709	10,605	10,782	101	102

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

Million head



**Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2016 and 2017**

State	During January 2016	During December 2016	During January 2017		
			Number	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona .....	43	30	26	60	87
California .....	46	65	55	120	85
Colorado .....	145	130	180	124	138
Idaho .....	43	38	35	81	92
Iowa .....	89	104	128	144	123
Kansas .....	415	395	480	116	122
Minnesota .....	17	19	25	147	132
Nebraska .....	490	450	540	110	120
Oklahoma .....	45	54	36	80	67
South Dakota .....	37	38	45	122	118
Texas .....	335	365	360	107	99
Washington .....	37	32	31	84	97
Other States .....	37	65	40	108	62
United States .....	1,779	1,785	1,981	111	111

**Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2016 and 2017**

State	During January 2016							
	Under 600 lbs	600-699 lbs	700-799 lbs	800-899 lbs	900+ lbs <sup>1</sup>	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 .....	25	30	40	35	15	(D)	(D)	145
Kansas .....	50	90	135	105	35	(D)	(D)	415
Nebraska .....	45	105	140	145	55	(D)	(D)	490
Texas .....	105	65	95	60	10	(D)	(D)	335
Other States ...	115	75	84	85	35	(D)	(D)	394
United States ..	340	365	494	430	(X)	110	40	1,779
State	During January 2017							
	Under 600 lbs	600-699 lbs	700-799 lbs	800-899 lbs	900+ lbs <sup>1</sup>	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	50	45	35	15	(D)	(D)	180
Kansas .....	60	110	160	105	45	(D)	(D)	480
Nebraska .....	50	115	180	140	55	(D)	(D)	540
Texas .....	115	80	100	55	10	(D)	(D)	360
Other States ...	120	90	100	75	36	(D)	(D)	421
United States ..	380	445	585	410	(X)	116	45	1,981

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

(X) Not applicable.

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

**Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States:  
2016 and 2017**

State	During January 2016	During December 2016	During January 2017		
			Number	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona .....	21	30	32	152	107
California .....	46	52	52	113	100
Colorado .....	130	135	175	135	130
Idaho .....	37	36	43	116	119
Iowa .....	86	102	86	100	84
Kansas .....	355	430	430	121	100
Minnesota .....	13	14	15	115	107
Nebraska .....	435	440	450	103	102
Oklahoma .....	34	43	35	103	81
South Dakota .....	30	46	34	113	74
Texas .....	325	365	320	98	88
Washington .....	36	41	33	92	80
Other States .....	41	43	46	112	107
United States .....	1,589	1,777	1,751	110	99

**Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States:  
2016 and 2017**

State	During January 2016	During December 2016	During January 2017		
			Number	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	3	3	60	100
Colorado .....	5	5	5	100	100
Idaho .....	1	2	2	200	100
Iowa .....	3	2	2	67	100
Kansas .....	10	15	10	100	67
Minnesota .....	1	1	1	100	100
Nebraska .....	15	10	10	67	100
Oklahoma .....	1	1	1	100	100
South Dakota .....	2	2	1	50	50
Texas .....	10	10	10	100	100
Washington .....	1	1	3	300	300
Other States .....	1	2	4	400	200
United States .....	56	55	53	95	96

## Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2016

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 .....	255	276	297	303	305	300
California .....	450	445	440	420	415	415
Colorado .....	870	880	890	900	900	890
Idaho .....	240	245	240	240	240	245
Iowa .....	620	620	630	640	640	630
Kansas .....	2,090	2,140	2,160	2,180	2,150	2,160
Minnesota .....	155	158	163	160	158	154
Nebraska .....	2,420	2,460	2,420	2,440	2,420	2,340
Oklahoma .....	270	280	290	295	300	320
South Dakota .....	255	260	270	265	265	250
Texas .....	2,430	2,430	2,450	2,500	2,490	2,610
Washington .....	195	195	195	195	195	195
Other States .....	325	320	325	315	305	295
United States .....	10,575	10,709	10,770	10,853	10,783	10,804
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 .....	286	282	271	263	253	251
California .....	425	410	405	415	420	420
Colorado .....	850	810	800	850	910	910
Idaho .....	235	230	225	240	250	260
Iowa .....	610	600	580	570	600	600
Kansas .....	2,050	2,110	2,170	2,220	2,240	2,220
Minnesota .....	145	133	119	118	142	146
Nebraska .....	2,180	2,090	2,100	2,160	2,320	2,370
Oklahoma .....	310	300	300	290	295	290
South Dakota .....	235	220	215	210	240	240
Texas .....	2,550	2,520	2,490	2,450	2,490	2,430
Washington .....	195	190	180	185	195	195
Other States .....	285	270	280	285	310	320
United States .....	10,356	10,165	10,135	10,256	10,665	10,652

**Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2016**

State	During					
	December <sup>1</sup>	January	February	March	April	May
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	33	43	43	31	25	19
California .....	49	46	46	44	50	54
Colorado .....	115	145	170	165	145	135
Idaho .....	43	43	38	37	24	41
Iowa .....	90	89	92	94	78	64
Kansas .....	335	415	375	425	370	420
Minnesota .....	16	17	23	17	12	14
Nebraska .....	390	490	395	455	380	405
Oklahoma .....	35	45	54	53	56	68
South Dakota .....	41	37	48	34	24	29
Texas .....	305	335	345	455	435	560
Washington .....	38	37	38	38	34	48
Other States .....	37	37	43	44	31	32
United States .....	1,527	1,779	1,710	1,892	1,664	1,889

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	20	14	14	14	27
California .....	58	35	40	52	46	48
Colorado .....	105	115	170	225	205	140
Idaho .....	38	34	45	58	50	51
Iowa .....	54	68	71	79	129	102
Kansas .....	350	445	485	420	390	370
Minnesota .....	12	9	15	22	39	19
Nebraska .....	365	350	465	470	615	510
Oklahoma .....	42	36	58	48	63	52
South Dakota .....	24	18	33	43	71	47
Texas .....	380	380	395	385	445	390
Washington .....	41	30	35	40	50	41
Other States .....	37	32	53	39	54	46
United States .....	1,525	1,572	1,879	1,895	2,171	1,843

<sup>1</sup> December prior year.



**Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2016**

State	During December prior year				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	25	25	40	115
Kansas .....	50	75	105	105	335
Nebraska .....	50	95	95	150	390
Texas .....	115	70	70	50	305
Other States .....	135	90	62	95	382
United States .....	375	355	357	440	1,527
State	During January				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	30	40	50	145
Kansas .....	50	90	135	140	415
Nebraska .....	45	105	140	200	490
Texas .....	105	65	95	70	335
Other States .....	115	75	84	120	394
United States .....	340	365	494	580	1,779
State	During February				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	40	40	65	170
Kansas .....	50	65	105	155	375
Nebraska .....	45	60	105	185	395
Texas .....	105	70	95	75	345
Other States .....	110	65	100	150	425
United States .....	335	300	445	630	1,710

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**Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2016** (continued)

State	During March				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	30	40	70	165
Kansas .....	55	70	125	175	425
Nebraska .....	55	60	110	230	455
Texas .....	115	70	125	145	455
Other States .....	102	45	90	155	392
United States .....	352	275	490	775	1,892
State	During April				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	20	35	65	145
Kansas .....	55	50	100	165	370
Nebraska .....	45	45	85	205	380
Texas .....	120	70	110	135	435
Other States .....	89	40	60	145	334
United States .....	334	225	390	715	1,664
State	During May				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	20	15	35	65	135
Kansas .....	50	55	120	195	420
Nebraska .....	40	50	85	230	405
Texas .....	115	85	170	190	560
Other States .....	85	40	69	175	369
United States .....	310	245	479	855	1,889

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**Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2016 (continued)**

State	During June				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	15	15	30	45	105
Kansas .....	55	65	90	140	350
Nebraska .....	30	50	70	215	365
Texas .....	115	85	90	90	380
Other States .....	75	40	60	150	325
United States .....	290	255	340	640	1,525
State	During July				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	15	30	45	115
Kansas .....	65	75	130	175	445
Nebraska .....	30	35	70	215	350
Texas .....	155	80	75	70	380
Other States .....	77	30	55	120	282
United States .....	352	235	360	625	1,572
State	During August				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	20	35	90	170
Kansas .....	75	85	135	190	485
Nebraska .....	40	45	90	290	465
Texas .....	140	100	95	60	395
Other States .....	80	40	74	170	364
United States .....	360	290	429	800	1,879

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**Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2016** (continued)

State	During September				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	25	20	50	130	225
Kansas .....	60	80	130	150	420
Nebraska .....	55	45	80	290	470
Texas .....	105	105	115	60	385
Other States .....	100	50	75	170	395
United States .....	345	300	450	800	1,895
State	During October				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	55	45	35	70	205
Kansas .....	65	95	115	115	390
Nebraska .....	200	145	95	175	615
Texas .....	105	115	145	80	445
Other States .....	185	125	81	125	516
United States .....	610	525	471	565	2,171
State	During November				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	45	35	25	35	140
Kansas .....	55	90	110	115	370
Nebraska .....	120	150	85	155	510
Texas .....	105	95	125	65	390
Other States .....	145	120	80	88	433
United States .....	470	490	425	458	1,843
State	During December				
	Under 600 lbs (1,000 head)	600-699 lbs (1,000 head)	700-799 lbs (1,000 head)	800+ lbs (1,000 head)	Total (1,000 head)
Colorado .....	30	30	30	40	130
Kansas .....	60	95	130	110	395
Nebraska .....	60	110	120	160	450
Texas .....	135	90	90	50	365
Other States .....	150	115	80	100	445
United States .....	435	440	450	460	1,785

## Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2016

State	During					
	December <sup>1</sup>	January	February	March	April	May
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	21	21	21	24	22	21
California .....	49	46	46	58	52	50
Colorado .....	130	130	155	150	135	130
Idaho .....	37	37	41	35	23	35
Iowa .....	97	86	78	81	75	72
Kansas .....	370	355	345	390	385	400
Minnesota .....	12	13	17	19	13	17
Nebraska .....	440	435	420	425	380	465
Oklahoma .....	38	34	43	47	50	47
South Dakota .....	35	30	37	38	22	40
Texas .....	370	325	315	395	435	430
Washington .....	45	36	36	37	33	46
Other States .....	30	41	37	48	33	41
United States .....	1,674	1,589	1,591	1,747	1,658	1,794

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 .....	27	22	24	21	23	28
California .....	45	45	42	40	39	45
Colorado .....	140	150	175	170	140	135
Idaho .....	47	38	49	41	39	39
Iowa .....	72	76	90	87	96	100
Kansas .....	450	375	415	360	350	370
Minnesota .....	20	20	28	22	14	14
Nebraska .....	510	430	450	405	445	445
Oklahoma .....	51	45	57	57	57	55
South Dakota .....	36	32	37	47	40	46
Texas .....	430	400	415	415	395	435
Washington .....	40	34	44	34	39	40
Other States .....	44	46	42	33	28	35
United States .....	1,912	1,713	1,868	1,732	1,705	1,787

<sup>1</sup> December prior year.

**Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2016**

State	During					
	December <sup>1</sup>	January	February	March	April	May
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	5	1	1	1	1	3
California .....	5	5	5	6	3	4
Colorado .....	5	5	5	5	10	15
Idaho .....	1	1	2	2	1	1
Iowa .....	3	3	4	3	3	2
Kansas .....	15	10	10	15	15	10
Minnesota .....	1	1	1	1	1	1
Nebraska .....	20	15	15	10	20	20
Oklahoma .....	2	1	1	1	1	1
South Dakota .....	1	2	1	1	2	4
Texas .....	15	10	10	10	10	10
Washington .....	3	1	2	1	1	2
Other States .....	2	1	1	6	8	1
United States .....	78	56	58	62	76	74

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 .....	6	2	1	1	1	1
California .....	3	5	3	2	2	3
Colorado .....	5	5	5	5	5	5
Idaho .....	1	1	1	2	1	2
Iowa .....	2	2	1	2	3	2
Kansas .....	10	10	10	10	20	20
Minnesota .....	1	1	1	1	1	1
Nebraska .....	15	10	5	5	10	15
Oklahoma .....	1	1	1	1	1	2
South Dakota .....	3	1	1	1	1	1
Texas .....	10	10	10	10	10	15
Washington .....	1	1	1	1	1	1
Other States .....	3	1	1	1	1	1
United States .....	61	50	41	42	57	69

<sup>1</sup> December prior year.

**Number on Feed by Class on 1,000+ Capacity Feedlots by Quarter – States and United States: 2016**

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 .....	247	294	280	258	8	9	6	5
California .....	420	400	380	385	30	20	45	30
Colorado .....	590	610	550	565	280	290	300	285
Idaho .....	165	165	155	155	75	75	80	85
Iowa .....	470	460	440	410	150	180	170	160
Kansas .....	1,160	1,200	1,070	1,200	930	980	980	1,020
Minnesota .....	127	139	124	101	28	21	21	17
Nebraska .....	1,560	1,620	1,430	1,410	860	820	750	750
Oklahoma .....	185	185	195	185	85	110	115	105
South Dakota .....	150	153	140	125	105	112	95	85
Texas .....	1,740	1,800	1,780	1,730	690	700	770	720
Washington .....	125	125	125	115	70	70	70	70
Other States .....	225	210	200	185	100	105	85	100
United States .....	7,164	7,361	6,869	6,824	3,411	3,492	3,487	3,432

**Number of Feedlots, Inventory, and Marketings by Size of Feedlot – United States: 2015 and 2016**

Feedlot capacity	2015			2016		
	Lots	Inventory <sup>1</sup>	Cattle marketed	Lots	Inventory <sup>1</sup>	Cattle marketed
	(number)	(1,000 head)	(1,000 head)	(number)	(1,000 head)	(1,000 head)
Less than 1,000 head .....	26,000	2,582.0	2,895.0	28,000	2,462.0	3,100.0
1,000 head or more .....	2,189	10,575.0	19,660.0	2,219	10,605.0	20,873.0
1,000 - 1,999 .....	820	355.0	650.0	830	375.0	673.0
2,000 - 3,999 .....	580	660.0	1,230.0	590	650.0	1,260.0
4,000 - 7,999 .....	340	900.0	1,740.0	350	890.0	1,740.0
8,000 - 15,999 .....	180	1,210.0	2,250.0	190	1,140.0	2,250.0
16,000 - 23,999 .....	84	920.0	1,680.0	77	840.0	1,740.0
24,000 - 31,999 .....	57	970.0	1,750.0	54	930.0	1,950.0
32,000 - 49,999 .....	57	1,470.0	2,820.0	55	1,520.0	3,010.0
50,000 and Over .....	71	4,090.0	7,540.0	73	4,260.0	8,250.0
All feedlots .....	28,189	13,157.0	22,555.0	30,219	13,067.0	23,973.0

<sup>1</sup> Inventory estimates as of January 1 of the following year.

**Total Feedlot Capacity of 1,000+ Capacity Feedlots – United States: January 1, 2015 - 2017**

Item	Feedlot capacity in number of head		
	2015 <sup>1</sup>	2016 <sup>1</sup>	2017
	(1,000 head)	(1,000 head)	(1,000 head)
United States .....	17,100	17,100	17,300

<sup>1</sup> Revised.

## Total Number of Cattle on Feed - States and United States: January 1, 2016 and 2017

[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 classes]

State	2016 (1,000 head)	2017 (1,000 head)	Percent of previous year (percent)
Arizona .....	257.0	253.0	98
California .....	450.0	430.0	96
Colorado .....	910.0	940.0	103
Idaho .....	250.0	270.0	108
Illinois .....	240.0	260.0	108
Indiana .....	115.0	110.0	96
Iowa .....	1,230.0	1,160.0	94
Kansas .....	2,230.0	2,300.0	103
Kentucky .....	17.0	18.0	106
Maryland .....	9.0	9.0	100
Michigan .....	170.0	145.0	85
Minnesota .....	405.0	375.0	93
Missouri .....	100.0	110.0	110
Montana .....	50.0	45.0	90
Nebraska .....	2,520.0	2,470.0	98
Nevada .....	2.0	3.0	150
New York .....	16.0	20.0	125
North Dakota .....	55.0	50.0	91
Ohio .....	160.0	150.0	94
Oklahoma .....	280.0	310.0	111
Oregon .....	75.0	85.0	113
Pennsylvania .....	85.0	95.0	112
South Dakota .....	435.0	380.0	87
Texas .....	2,440.0	2,430.0	100
Utah .....	27.0	20.0	74
Virginia .....	22.0	20.0	91
Washington .....	195.0	190.0	97
West Virginia .....	4.0	4.0	100
Wisconsin .....	275.0	270.0	98
Wyoming .....	70.0	75.0	107
Other States <sup>1</sup> .....	63.0	70.0	111
United States .....	13,157.0	13,067.0	99

<sup>1</sup> 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 10.8 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 30,000 head. During this period the initial estimate has been above the latest estimate 1 time and has been below the latest estimate 8 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)
Number on feed .....	0.1	0.1	4	0	30	8	1
Placements .....	0.4	0.7	3	0	28	8	2
Marketings .....	0.1	0.2	0	0	10	0	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@nass.usda.gov](mailto:nass@nass.usda.gov).

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    Mike Miller – Milk Production and Milk Cows ..... (202) 720-3278

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

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