

Cattle on Feed

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United States Cattle on Feed Down Slightly

Cattle and calves on feed for the slaughter market in the United States for feedlots with capacity of 1,000 or more head totaled 10.7 million head on February 1, 2016. The inventory was slightly below February 1, 2015.

Placements in feedlots during January totaled 1.78 million head, 1 percent below 2015. Net placements were 1.72 million head. During January, placements of cattle and calves weighing less than 600 pounds were 340,000 head, 600-699 pounds were 365,000 head, 700-799 pounds were 494,000 head, and 800 pounds and greater were 580,000 head.

Marketings of fed cattle during January totaled 1.59 million head, 2 percent below 2015. Marketings are the lowest for January since the series began in 1996.

Other disappearance totaled 56,000 head during January, 27 percent below 2015. Other disappearance are the lowest for January since the series began in 1996.

2015 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 80.3 percent of all cattle and calves on feed in the United States on January 1, 2016, down 1 percent from the 81.6 percent on January 1, 2015.

Marketings of fed cattle for feedlots with capacity of 1,000 or more head during 2015 represented 87.2 percent of total cattle marketed from all feedlots in the United States, down slightly from 2014.

Contents

Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots –	
United States: February 1, 2015 and 2016	3
Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots -	
United States: January 1, 2015 and 2016	3
Number on Feed by Class on 1,000+ Capacity Feedlots – United States: January 1, 2015 and 2016	3
Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month - States and United States: 2015 and 2016	4
Cattle on Feed Inventory on 1,000+ Capacity Feedlots – United States	4
Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States:	
2015 and 2016	5
Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and	
United States: 2014 - 2016	5
Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2015 and 2016	6
Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2015 and 2016	6
Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2015	7
Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2015	8
Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and	
United States: 2015	9
Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2015	13
Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2015	14
Number on Feed by Class on 1,000+ Capacity Feedlots by Quarter - States and United States: 2015	15
Number of Feedlots, Inventory, and Marketings by Size of Feedlot – United States: 2013 - 2015	15
Total Feedlot Capacity of 1,000+ Capacity Feedlots – United States: January 1, 2015 and 2016	15
Total Number of Cattle on Feed - States and United States: January 1, 2015 and 2016	16
Terms and Definitions of Cattle on Feed Estimates	17
Statistical Methodology	17
Reliability of Monthly Cattle on Feed Estimates	18
Information Contacts	18

Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: February 1, 2015 and 2016

Item	Nun	Number			
item	2015	2016	previous year		
	(1,000 head)	(1,000 head)	(percent)		
On feed January 1	10,626	10,575	100		
Placed on feed during January	1,789	1,779	99		
Fed cattle marketed during January	1,625	1,589	98		
Other disappearance during January	77	56	73		
On feed February 1		10,709	100		

Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: January 1, 2015 and 2016

ltom	Nun	Number			
Item	2015	2015 2016			
	(1,000 head)	(1,000 head)	(percent)		
On feed December 1 Placed on feed during December Fed cattle marketed during December		10,800 1,527 1.674	100 99 101		
Other disappearance during December On feed January 1		78 10,575	108 100		

Number on Feed by Class on 1,000+ Capacity Feedlots - United States: January 1, 2015 and 2016

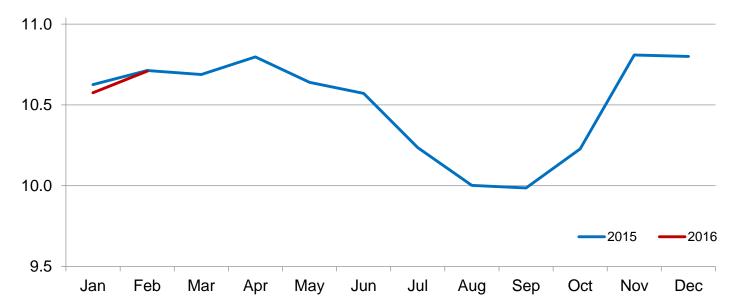
ltom	Nun	Percent of	
ltem	2015	2016	previous year
	(1,000 head)	(1,000 head)	(percent)
Class on feed January 1			
Steers and steer calves	6,948	7,164	103
Heifers and heifer calves	3,678	3,411	93

Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2015 and 2016

			February 1, 2016			
State	February 1, 2015	January 1, 2016	Number	Percent of previous year	Percent of previous month	
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	
Arizona	247	255	276	112	108	
California	440	450	445	101	99	
Colorado	890	870	880	99	101	
Idaho	230	240	245	107	102	
lowa	650	620	620	95	100	
Kansas	2,090	2,090	2,140	102	102	
Minnesota	141	155	158	112	102	
Nebraska	2,500	2,420	2,460	98	102	
Oklahoma	265	270	280	106	104	
South Dakota	230	255	260	113	102	
Texas	2,490	2,430	2,430	98	100	
Washington	210	195	195	93	100	
Other States	330	325	320	97	98	
United States	10,713	10,575	10,709	100	101	

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: 2015 and 2016

	During	During	During January 2016			
State	During January 2015	During December 2015	Number	Percent of previous year	Percent of previous month	
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	
Arizona California Colorado Idaho Iowa Kansas Minnesota Nebraska Oklahoma South Dakota Texas Washington	30 64 135 35 90 410 17 505 50 30 350	33 49 115 43 90 335 16 390 35 41 305 38	43 46 145 43 89 415 17 490 45 37	143 72 107 123 99 101 100 97 90 123 96	130 94 126 100 99 124 106 126 129 90 110	
Other States	33	37	37	112	100	
United States	1,789	1,527	1,779	99	117	

Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2014 - 2016

United States: 2014 - 2016										
		During January								
State	Under	600 lbs	600-6	99 lbs	700-7	99 lbs	800-	+ lbs	То	tal
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
	(1,000 head)	(1,000 head)	(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 65 65 125	25 50 45 105	25 85 100 60	30 90 105 65	35 125 140 95	40 135 140 95	45 135 200 70	50 140 200 70	135 410 505 350	145 415 490 335
Other States	125 410	115 340	70 340	75 365	79 474	84 494	115 565	120 580	389 1,789	394 1,779
					During D	ecember			,	
State	Under	600 lbs	600-6	99 lbs	700-7	99 lbs	800-	+ lbs	То	tal
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
	(1,000 head)	(1,000 head)	(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 60 65 145	25 50 50 115	30 75 95 75	25 75 95 70	25 100 85 65	25 105 95 70	40 95 140 40	40 105 150 50	130 330 385 325	115 335 390 305
Other States United States	135 440	135 375	90 365	90 355	57 332	62 357	85 400	95 440	367 1,537	382 1,527

Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2015 and 2016

	During	During	During January 2016			
State	During January 2015	During December 2015	Number	Percent of previous year	Percent of previous month	
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	
Arizona California Colorado Idaho Iowa Kansas Minnesota Nebraska Oklahoma South Dakota Texas Washington	39 27 345	21 49 130 37 97 370 12 440 38 35 370 45	21 46 130 37 86 355 13 435 34 30 325 36	91 105 93 109 110 100 108 97 87 111 94	100 94 100 100 89 96 108 99 89 86 88	
Other States	40	30	41	103	137	
United States	1,625	1,674	1,589	98	95	

Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2015 and 2016

	During	During	During January 2016			
State	During January 2015	During December 2015	Number	Percent of previous year	Percent of previous month	
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	
Arizona California Colorado Idaho Iowa Kansas Minnesota Nebraska Oklahoma South Dakota Texas Washington	2 15 1 15 1 3 15	5 5 1 3 15 1 20 2 1 15 3	1 5 5 1 3 10 1 15 1 2 10 10	11 100 100 100 150 67 100 100 67 67 50	20 100 100 100 100 67 100 75 50 200 67 33	
Other States	3	2	1	33	50	
United States	77	78	56	73	72	

Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month - States and United States: 2015

number of Cattle	on reed on 1,	buu+ Capacity	y reedicts by Wonth – States and United States: 2015				
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	249	247	243	241	240	238	
California	425	440	440	445	450	460	
Colorado	900	890	890	890	900	890	
Idaho	230	230	230	230	235	235	
lowa	640	650	660	670	660	650	
Kansas	2,050	2,090	2,080	2,110	2,060	2,020	
Minnesota	137	141	145	146	145	143	
Nebraska	2,460	2,500	2,500	2,530	2,500	2,400	
Oklahoma	255	265	275	285	270	275	
South Dakota	230	230	235	235	240	230	
Texas	2,500	2,490	2,450	2,470	2,410	2,500	
Washington	210	210	215	225	230	230	
Other States	340	330	325	320	300	300	
United States	10,626	10,713	10,688	10,797	10,640	10,571	
	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	240	239	241	240	243	248	
California	460	455	455	460	455	455	
Colorado	830	790	780	830	880	890	
Idaho	225	220	215	220	230	235	
lowa	640	630	620	600	640	630	
Kansas	1,940	1,930	1,950	2,020	2,150	2,140	
Minnesota	141	133	140	138	151	152	
Nebraska	2,280	2,200	2,200	2,270	2,450	2,490	
Oklahoma	260	250	250	255	270	275	
South Dakota	230	210	205	205	240	250	
Texas	2,480	2,440	2,450	2,500	2,580	2,510	
Washington	215	210	195	195	205	205	
Other States	295	295	285	295	315	320	
United States	10,236	10,002	9,986	10,228	10,809	10,800	

Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2015

01-1-		During							
State	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	26	30	19	25	24	25			
California	51	64	48	55	49	54			
Colorado	130	135	150	150	145	140			
Idaho	45	35	31	30	30	30			
lowa	101	90	85	90	63	65			
Kansas	330	410	355	410	315	345			
Minnesota	17	17	18	23	11	14			
Nebraska	385	505	400	440	390	390			
Oklahoma	36	50	42	49	34	49			
South Dakota	27	30	41	33	28	29			
Texas	325	350	285	420	385	495			
Washington	30	40	43	39	42	45			
Other States	34	33	34	45	32	38			
United States	1,537	1,789	1,551	1,809	1,548	1,719			
			Dur	ing					
	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	28	23	21	18	23	27			
California	45	41	41	48	38	50			
Colorado	80	90	130	210	195	140			
Idaho	31	37	36	49	58	42			
lowa	67	71	70	85	156	101			
Kansas	335	395	370	400	445	305			
Minnesota	17	11	22	17	30	13			
Nebraska	375	390	410	510	645	440			
Oklahoma	38	38	50	52	61	45			
South Dakota	28	17	31	43	75	50			
Texas	375	365	385	430	460	310			
Washington	30	34	30	36	50	43			
Other States	32	35	36	43	50	36			
United States	1,481	1,547	1,632	1,941	2,286	1,602			

¹ December prior year.

Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2015

01-1-		D	uring December prior yea	r	_
State	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	35 60 65 145	30 75 95 75	25 100 85 65	40 95 140 40	130 330 385 325
Other States	135	90	57	85	367
United States	440	365	332	400	1,537
			During January		
	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	30 65 65 125	25 85 100 60	35 125 140 95	45 135 200 70	135 410 505 350
United States	410	340	474	565	1,789
			During February		
	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	25 60 60 100	25 65 65 45	40 95 100 75	60 135 175 65	150 355 400 285
Other States	85	65	86	125	361
United States	330	265	396	560	1,551

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Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2015 (continued)

State	During March						
State	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total		
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)		
Colorado	30 60 55 115	25 65 65 70	40 110 100 120	55 175 220 115	150 410 440 420		
Other States	105	50	79	155	389		
United States	365	275	449	720	1,809		
			During April				
	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total		
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)		
Colorado Kansas Nebraska Texas	25 55 50 105	25 50 55 70	35 80 85 95	60 130 200 115	145 315 390 385		
Other States	85	40	53	135	313		
United States	320	240	348	640	1,548		
			During May				
	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total		
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)		
Colorado	30 50 45 145	20 55 55 90	35 90 75 125	55 150 215 135	140 345 390 495		
Other States	90	40	64	155	349		
United States	360	260	389	710	1,719		

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Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2015 (continued)

State			During June		
State	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado Kansas Nebraska Texas	20 60 50 125	15 65 50 80	15 95 75 95	30 115 200 75	80 335 375 375
Other States	95	40	56	125	316
United States	350	250	336	545	1,481
			During July		
	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	20 65 40 155	15 70 50 70	15 115 85 65	40 145 215 75	90 395 390 365
Other States	85	30	47	145	307
United States	365	235	327	620	1,547
			During August	T	
	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	20 65 50 175	10 65 35 70	30 95 85 85	70 145 240 55	130 370 410 385
Other States	85	35	67	150	337
United States	395	215	362	660	1,632

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Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2015 (continued)

Ctata			During September		
State	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	30 60 60 150	15 80 50 100	40 120 85 105	125 140 315 75	210 400 510 430
Other States	105	45	66	175	391
United States	405	290	416	830	1,941
			During October		
	Under 600 lbs	600-699 lbs	700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	55 80 170 145	45 100 155 110	30 115 80 130	65 150 240 75	195 445 645 460
Other States		120	76	150	541
United States	645	530	A31	680	2,286
_	Under 600 lbs	600-699 lbs	During November 700-799 lbs	800+ lbs	Total
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	35 55 115 110	35 70 110 75	30 85 60 75	40 95 155 50	140 305 440 310
Other States	155	97	60	95	407
United States	470	387	310	435	1,602

Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month - States and United States: 2015

State	During						
State	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	26 54 135 34 80 370 13 440 39	23 44 140 34 78 355 12 450 39 27	19 43 145 29 74 355 13 385 30 35	21 46 140 29 79 370 21 395 38 32	24 40 120 24 72 355 11 405 48 21	26 39 130 29 74 375 15 470 42	
Texas	365	345	315	385	435	395	
Washington	42	38	36	28	35	44	
Other States	27	40	37	47	49	35	
United States	1,655	1,625	1,516	1,631	1,639	1,711	
	June	I. do	Dur		October	November	
		July	August	September		_	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	
Arizona California Colorado Idaho Iowa Kansas Minnesota Nebraska Oklahoma South Dakota Texas Washington	25 40 125 40 76 400 18 480 52 26 385 44	22 41 125 41 80 395 18 455 47 34 395 38	17 36 135 40 77 340 14 400 49 34 360 44	17 38 155 43 101 320 18 430 46 42 365 35	19 38 140 47 113 300 16 445 45 39 360 39	21 45 125 36 107 295 11 385 39 38 360 42	
Other States	36	34	42	32	29	28	
United States	1,747	1,725	1,588	1,642	1,630	1,532	

¹ December prior year.

Other Disappearance on 1,000+ Capacity Feedlots by Month - States and United States: 2015

Ctata	During						
State	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 California Colorado	3 7 5	9 5 5	4 5 5	6 4 10	1 4 15	1 5 20	
Idaho	1	1	2	1	1	1	
Iowa Kansas Minnesota	10	2 15 1	1 10 1	10	10	1 10	
Nebraska Oklahoma	15 2	15	15 2	15 15	15 15	20 2	
South Dakota	2	3	1	1	2	2	
Texas	20	15	10	15	10	10	
Washington	3	2	2	1	2	1	
Other States	2	3	2	3	3	3	
United States	72	77	60	69	66	77	
			Dur				
	June	July	August	September	October	November	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	
ArizonaCalifornia	1 5	2 5	2 5	2 5	1 5	1 5	
Colorado	15	5	5	5	5	5	
Idaho	1	1	1	1	1	1	
lowa Kansas	15	10	3 10	4 10	3 15	20	
Minnesota	1	1	1	1	1	1	
Nebraska	15	15	10	10	20	15	
Oklahoma	1	1	1	1	1	1	
South Dakota Texas	2 10	3 10	2 15	1 15	1 20	2 20	
Washington	10	10	13	13	1	1	
Other States	1	1	4	1	1	3	
United States	69	56	60	57	75	79	

¹ December prior year.

Number on Feed by Class on 1,000+ Capacity Feedlots by Quarter - States and United States: 2015

State	Steers & steer calves				Heifers & heifer calves				
State	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	246	237	236	236	3	4	4	4	
California	395	410	425	430	30	35	35	30	
Colorado	580	610	560	570	320	280	270	260	
Idaho	140	150	150	145	90	80	75	75	
lowa	490	520	490	450	150	150	150	150	
Kansas	1,100	1,190	1,030	1,100	950	920	910	920	
Minnesota	109	128	126	118	28	18	15	20	
Nebraska	1,620	1,830	1,570	1,520	840	700	710	750	
Oklahoma	170	200	190	180	85	85	70	75	
South Dakota	145	150	142	118	85	85	88	87	
Texas	1,600	1,680	1,650	1,750	900	790	830	750	
Washington	123	140	135	120	87	85	80	75	
Other States	230	210	205	200	110	110	90	95	
United States	6,948	7,455	6,909	6,937	3,678	3,342	3,327	3,291	

Number of Feedlots, Inventory, and Marketings by Size of Feedlot - United States: 2013 - 2015

Transpor or roodiot	,	.,, a		,	<u> </u>				
		2013 ¹			2014 ¹			2015	
Feedlot capacity	Lots	Inventory ²	Cattle marketed	Lots	Inventory ²	Cattle marketed	Lots	Inventory ²	Cattle marketed
	(number)	(1,000 head)	(1,000 head)	(number)	(1,000 head)	(1,000 head)	(number)	(1,000 head)	(1,000 head)
Less than 1,000 head	27,000.0	2,426.3	3,260.0	26,000.0	2,399.0	3,000.0	25,000.0	2,602.0	2,895.0
1,000 head or more	2,090.0	10,523.0	21,618.0	2,127.0	10,626.0	20,464.0	2,189.0	10,575.0	19,660.0
1,000 - 1,999	740.0	343.0	628.0	780.0	396.0	634.0	820.0	355.0	650.0
2,000 - 3,999	560.0	650.0	1,300.0	550.0	660.0	1,210.0	580.0	660.0	1,230.0
4,000 - 7,999	345.0	960.0	1,790.0	350.0	960.0	1,730.0	340.0	900.0	1,740.0
8,000 - 15,999	170.0	1,010.0	2,210.0	170.0	1,060.0	2,130.0	180.0	1,210.0	2,250.0
16,000 - 23,999	88.0	960.0	1,940.0	86.0	950.0	1,940.0	84.0	920.0	1,680.0
24,000 - 31,999	55.0	900.0	1,900.0	56.0	800.0	1,640.0	57.0	970.0	1,750.0
32,000 - 49,999	63.0	1,600.0	3,400.0	65.0	1,680.0	3,200.0	57.0	1,470.0	2,820.0
50,000 and Over	69.0	4,100.0	8,450.0	70.0	4,120.0	7,980.0	71.0	4,090.0	7,540.0
All feedlots	29,090.0	12,949.3	24,878.0	28,127.0	13,025.0	23,464.0	27,189.0	13,177.0	22,555.0

¹ Revised.

Total Feedlot Capacity of 1,000+ Capacity Feedlots - United States: January 1, 2015 and 2016

Item	Feedlot capacity in number of head					
item	2015	2016				
	(1,000 head)	(1,000 head)				
United States	16,900	16,900				

² Inventory estimates as of January 1 of the following year.

Total Number of Cattle on Feed - States and United States: January 1, 2015 and 2016

[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	2015	2016	Pecent of previous year	
	(1,000 head)	(1,000 head)	(percent)	
Arizona	252.0	257.0	102	
California	425.0	450.0	106	
Colorado	930.0	910.0	98	
Idaho	245.0	250.0	102	
Illinois	230.0	240.0	104	
Indiana	100.0	115.0	115	
lowa	1,220.0	1,230.0	101	
Kansas	2,180.0	2,230.0	102	
Kentucky	15.0	17.0	113	
Maryland	10.0	9.0	90	
Michigan	160.0	170.0	106	
Minnesota	385.0	405.0	105	
Missouri	70.0	100.0	143	
Montana	40.0	70.0	175	
Nebraska	2,530.0	2,520.0	100	
Nevada	4.0	2.0	50	
New York	26.0	16.0	62	
North Dakota	44.0	55.0	125	
Ohio	170.0	160.0	94	
Oklahoma	265.0	280.0	106	
Oregon	85.0	75.0	88	
Pennsylvania	90.0	85.0	94	
South Dakota	385.0	435.0	113	
Texas	2,510.0	2,440.0	97	
Utah	24.0	27.0	113	
Virginia	20.0	22.0	110	
Washington	210.0	195.0	93	
West Virginia	4.0	4.0	100	
Wisconsin	260.0	275.0	106	
Wyoming	75.0	70.0	93	
Other States ¹	61.0	63.0	103	
United States	13,025.0	13,177.0	101	

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 animals 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 cattle 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 cattle 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 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 each State office. 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 0.5 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 10.7 million head by more than 0.5 percent. Chances are 9 out of 10 that the difference will not exceed 0.9 percent.

The table on this 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 39,000 head, ranging from 0 to 97,000 head. During this period the initial estimate has been above the latest estimate 11 times 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]

		90 percent	Difference between first and latest estimate					
Item	Root mean square error	confidence	Averege	0	1	Months		
	Square error	level	Average	Smallest	Largest	Below latest	Above latest	
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)	
Number on feed	0.5	0.9	39	0	97	8	11	
Placements	0.5	0.9	6	0	28	15	4	
Marketings	0.0	0.0	0	0	0	0	0	

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.

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
Scott Hollis, Head, Livestock Section	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter	(202) 720-3240
Doug Bounds – Hogs and Pigs	(202) 720-3106
David Colwell – Sheep and Goats	(202) 720-8784
Donnie Fike – Dairy Products	(202) 690-3236
Michael Klamm – Cattle, Cattle on Feed	(202) 720-3040
Mike Miller – Milk Production and Milk Cows	(202) 720-3278

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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 http://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.

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.

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