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United States Cattle on Feed Down 4 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 11.7 million head on February 1, 2023. The inventory was 4 percent below February 1, 2022.

Placements in feedlots during January totaled 1.93 million head, 4 percent below 2022. Net placements were 1.87 million head. During January, placements of cattle and calves weighing less than 600 pounds were 405,000 head, 600-699 pounds were 420,000 head, 700-799 pounds were 540,000 head, 800-899 pounds were 402,000 head, 900-999 pounds were 100,000 head, and 1,000 pounds and greater were 65,000 head.

Marketings of fed cattle during January totaled 1.85 million head, 4 percent above 2022.

Other disappearance totaled 63,000 head during January, 2 percent below 2022.

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 82.5 percent of all cattle and calves on feed in the United States on January 1, 2023. This is comparable to the 81.9 percent on January 1, 2022.

Marketings of fed cattle for feedlots with capacity of 1,000 or more head during 2022 represented 87.2 percent of total cattle marketed from all feedlots in the United States, up slightly from 87.2 percent during 2021.

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Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: February 1, 2022 and 2023

Item	2022	2023	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
On feed January 1	12,042	11,682	97
Placed on feed during January	2,004	1,932	96
Fed cattle marketed during January	1,773	1,847	104
Other disappearance during January	64	63	98
On feed February 1	12,209	11,704	96

Cattle on Feed Inventory, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: January 1, 2022 and 2023

[December preceding year]

Item	2022	2023	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
On feed December 1	11,985	11,693	98
Placed on feed during December	1,965	1,784	91
Fed cattle marketed during December	1,854	1,741	94
Other disappearance during December	54	54	100
On feed January 1	12,042	11,682	97

Cattle on Feed by Class on 1,000+ Capacity Feedlots – United States: January 1, 2022 and 2023

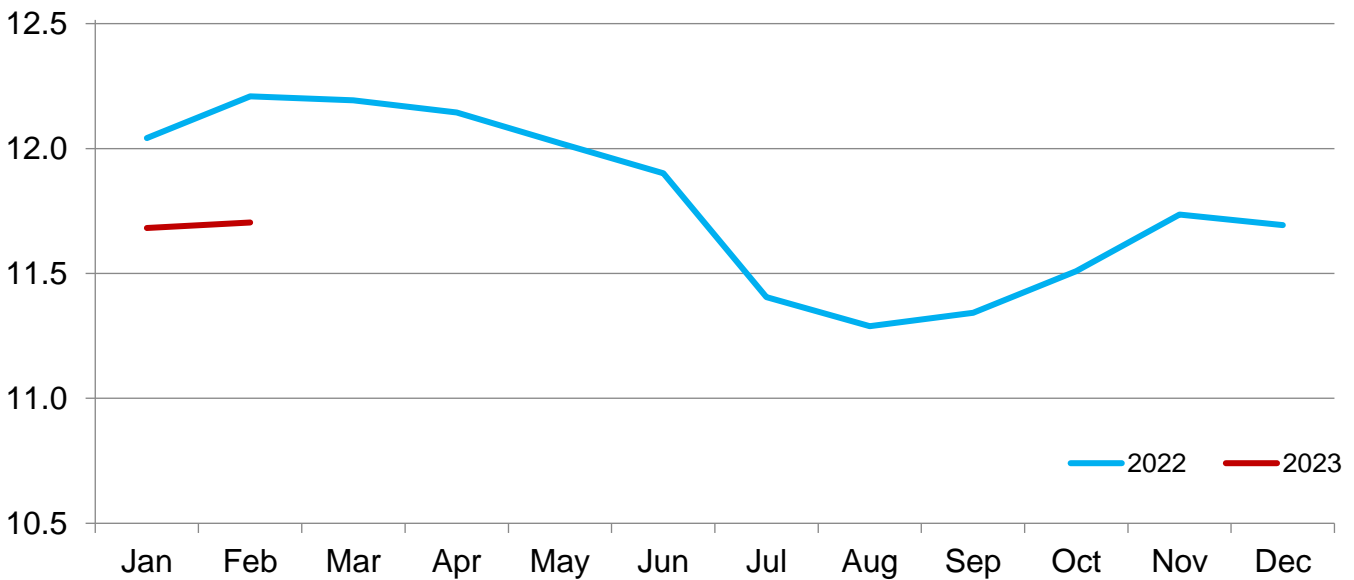
Item	2022	2023	Percent of	
			previous year	inventory
			(percent)	(percent)
Class on feed January 1	(1,000 head)	(1,000 head)	(percent)	(percent)
Steers and steer calves	7,367	7,032	95	60
Heifers and heifer calves	4,675	4,650	99	40

Cattle on Feed Inventory on 1,000+ Capacity Feedlots by Month – States and United States: 2022 and 2023

State	February 1, 2022	January 1, 2023	February 1, 2023		
			Inventory	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	279	267	264	95	99
California	560	515	520	93	101
Colorado	1,140	1,040	1,030	90	99
Idaho	305	320	325	107	102
Iowa	610	620	620	102	100
Kansas	2,540	2,390	2,450	96	103
Minnesota	100	95	95	95	100
Nebraska	2,660	2,600	2,570	97	99
Oklahoma	310	275	275	89	100
South Dakota	235	210	215	91	102
Texas	2,940	2,770	2,770	94	100
Washington	220	265	255	116	96
Other States	310	315	315	102	100
United States	12,209	11,682	11,704	96	100

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

Million head



Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2022 and 2023

State	During January 2022	During December 2022	During January 2023		
			Placements	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	31	24	24	77	100
California	52	69	61	117	88
Colorado	200	145	165	83	114
Idaho	37	46	41	111	89
Iowa	110	84	105	95	125
Kansas	480	435	500	104	115
Minnesota	12	13	13	108	100
Nebraska	535	470	490	92	104
Oklahoma	39	35	38	97	109
South Dakota	37	34	40	108	118
Texas	390	350	380	97	109
Washington	36	37	28	78	76
Other States	45	42	47	104	112
United States	2,004	1,784	1,932	96	108

Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots and Month – States and United States: 2022 and 2023

State	During January 2022							
	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	45	55	40	20	(D)	(D)	200
Kansas	55	105	165	110	45	(D)	(D)	480
Nebraska	45	120	160	145	65	(D)	(D)	535
Texas	155	90	80	50	15	(D)	(D)	390
Other States ...	125	85	90	69	30	(D)	(D)	399
United States ..	420	445	550	414	(X)	105	70	2,004
State	During December 2022							
	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	35	30	25	20	(D)	(D)	145
Kansas	60	105	140	85	45	(D)	(D)	435
Nebraska	50	115	115	100	90	(D)	(D)	470
Texas	160	85	60	35	10	(D)	(D)	350
Other States ...	145	85	70	54	30	(D)	(D)	384
United States ..	450	425	415	299	(X)	105	90	1,784
State	During January 2023							
	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	40	45	30	20	(D)	(D)	165
Kansas	55	110	180	110	45	(D)	(D)	500
Nebraska	40	100	150	140	60	(D)	(D)	490
Texas	155	85	80	50	10	(D)	(D)	380
Other States ...	125	85	85	72	30	(D)	(D)	397
United States ..	405	420	540	402	(X)	100	65	1,932

(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: 2022 and 2023

State	During January 2022	During December 2022	During January 2023		
			Marketings	Percent of previous year	Percent of previous month
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Arizona	23	24	26	113	108
California	41	53	49	120	92
Colorado	185	140	170	92	121
Idaho	40	40	35	88	88
Iowa	98	92	103	105	112
Kansas	420	365	430	102	118
Minnesota	11	12	12	109	100
Nebraska	460	470	500	109	106
Oklahoma	37	39	37	100	95
South Dakota	30	40	33	110	83
Texas	355	380	370	104	97
Washington	30	41	37	123	90
Other States	43	45	45	105	100
United States	1,773	1,741	1,847	104	106

Cattle Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2022 and 2023

State	During January 2022	During December 2022	During January 2023		
			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	6	6	7	117	117
Colorado	5	5	5	100	100
Idaho	2	1	1	50	100
Iowa	2	2	2	100	100
Kansas	10	10	10	100	100
Minnesota	1	1	1	100	100
Nebraska	15	10	20	133	200
Oklahoma	2	1	1	50	100
South Dakota	2	4	2	100	50
Texas	15	10	10	67	100
Washington	1	1	1	100	100
Other States	2	2	2	100	100
United States	64	54	63	98	117

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

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	272	279	283	285	287	286
California	555	560	560	565	570	570
Colorado	1,130	1,140	1,120	1,100	1,090	1,090
Idaho	310	305	310	305	300	290
Iowa	600	610	620	620	620	620
Kansas	2,490	2,540	2,510	2,510	2,480	2,490
Minnesota	100	100	100	100	100	100
Nebraska	2,600	2,660	2,690	2,660	2,650	2,530
Oklahoma	310	310	300	290	275	275
South Dakota	230	235	235	230	220	195
Texas	2,920	2,940	2,940	2,950	2,900	2,940
Washington	215	220	220	225	235	235
Other States	310	310	305	305	295	280
United States	12,042	12,209	12,193	12,145	12,022	11,901
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	280	279	277	274	271	268
California	560	545	520	510	505	505
Colorado	1,060	1,040	1,030	1,070	1,070	1,040
Idaho	280	275	275	290	305	315
Iowa	610	610	610	620	630	630
Kansas	2,350	2,340	2,380	2,360	2,330	2,330
Minnesota	90	85	90	85	95	95
Nebraska	2,370	2,320	2,370	2,470	2,600	2,610
Oklahoma	270	275	280	285	290	280
South Dakota	170	165	175	185	210	220
Texas	2,860	2,850	2,820	2,820	2,860	2,810
Washington	235	235	240	245	260	270
Other States	270	270	275	295	310	320
United States	11,405	11,289	11,342	11,509	11,736	11,693

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

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	30	31	30	31	29	28
California	66	52	61	69	74	64
Colorado	165	200	175	180	165	165
Idaho	41	37	42	37	35	35
Iowa	85	110	116	110	94	74
Kansas	450	480	430	490	430	480
Minnesota	11	12	15	15	14	11
Nebraska	505	535	495	470	440	395
Oklahoma	46	39	35	45	42	54
South Dakota	43	37	39	35	27	28
Texas	445	390	350	435	395	460
Washington	35	36	35	37	41	36
Other States	43	45	45	51	38	39
United States	1,965	2,004	1,868	2,005	1,824	1,869

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	21	22	22	19	19	23
California	59	50	51	45	44	60
Colorado	140	155	175	210	175	145
Idaho	29	31	45	61	61	53
Iowa	58	58	81	85	101	95
Kansas	380	445	535	445	410	420
Minnesota	10	10	18	14	24	17
Nebraska	405	450	570	590	585	505
Oklahoma	41	48	49	52	44	38
South Dakota	22	26	43	45	72	71
Texas	390	395	430	410	440	370
Washington	35	30	40	43	52	50
Other States	44	44	51	61	58	58
United States	1,634	1,764	2,110	2,080	2,085	1,905

¹ December prior year.

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

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	40	40	35	30	20	(D)	(D)	165
Kansas	65	105	145	90	45	(D)	(D)	450
Nebraska	55	125	120	110	95	(D)	(D)	505
Texas	200	110	80	45	10	(D)	(D)	445
Other States ...	150	95	70	55	30	(D)	(D)	400
United States ..	510	475	450	330	(X)	105	95	1,965
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	45	55	40	20	(D)	(D)	200
Kansas	55	105	165	110	45	(D)	(D)	480
Nebraska	45	120	160	145	65	(D)	(D)	535
Texas	155	90	80	50	15	(D)	(D)	390
Other States ...	125	85	90	69	30	(D)	(D)	399
United States ..	420	445	550	414	(X)	105	70	2,004
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	35	45	45	20	(D)	(D)	175
Kansas	45	75	140	125	45	(D)	(D)	430
Nebraska	35	70	150	160	80	(D)	(D)	495
Texas	140	75	75	50	10	(D)	(D)	350
Other States ...	115	75	95	98	35	(D)	(D)	418
United States ..	365	330	505	478	(X)	135	55	1,868

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: 2022 (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	35	30	45	45	25	(D)	(D)	180
Kansas	45	75	160	150	60	(D)	(D)	490
Nebraska	30	65	130	150	95	(D)	(D)	470
Texas	150	100	95	70	20	(D)	(D)	435
Other States	120	60	105	105	40	(D)	(D)	430
United States ..	380	330	535	520	(X)	180	60	2,005
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	30	30	35	40	30	(D)	(D)	165
Kansas	45	60	125	135	65	(D)	(D)	430
Nebraska	30	50	95	155	110	(D)	(D)	440
Texas	140	80	85	65	25	(D)	(D)	395
Other States	120	50	75	99	50	(D)	(D)	394
United States ..	365	270	415	494	(X)	210	70	1,824
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	30	25	40	40	30	(D)	(D)	165
Kansas	55	70	150	130	75	(D)	(D)	480
Nebraska	30	35	90	130	110	(D)	(D)	395
Texas	140	90	115	85	30	(D)	(D)	460
Other States	110	50	70	89	50	(D)	(D)	369
United States ..	365	270	465	474	(X)	220	75	1,869

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: 2022 (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	30	25	30	30	25	(D)	(D)	140
Kansas	55	70	120	90	45	(D)	(D)	380
Nebraska	30	50	85	125	115	(D)	(D)	405
Texas	160	80	80	50	20	(D)	(D)	390
Other States ...	90	45	55	74	55	(D)	(D)	319
United States ..	365	270	370	369	(X)	175	85	1,634
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	30	30	35	35	25	(D)	(D)	155
Kansas	60	80	140	110	55	(D)	(D)	445
Nebraska	35	50	100	150	115	(D)	(D)	450
Texas	185	85	70	40	15	(D)	(D)	395
Other States ...	90	35	60	74	60	(D)	(D)	319
United States ..	400	280	405	409	(X)	195	75	1,764
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	30	30	35	45	35	(D)	(D)	175
Kansas	65	100	170	135	65	(D)	(D)	535
Nebraska	45	50	110	190	175	(D)	(D)	570
Texas	190	100	80	50	10	(D)	(D)	430
Other States ...	100	40	70	110	80	(D)	(D)	400
United States ..	430	320	465	530	(X)	270	95	2,110

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: 2022 (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	25	45	60	50	(D)	(D)	210
Kansas	65	95	130	100	55	(D)	(D)	445
Nebraska	65	60	105	170	190	(D)	(D)	590
Texas	165	105	85	45	10	(D)	(D)	410
Other States	120	45	75	105	80	(D)	(D)	425
United States ..	445	330	440	480	(X)	290	95	2,080
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	35	35	40	30	(D)	(D)	175
Kansas	65	90	125	85	45	(D)	(D)	410
Nebraska	130	120	95	115	125	(D)	(D)	585
Texas	150	110	110	55	15	(D)	(D)	440
Other States	155	105	80	80	55	(D)	(D)	475
United States ..	535	460	445	375	(X)	190	80	2,085
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	45	30	30	20	20	(D)	(D)	145
Kansas	65	105	125	80	45	(D)	(D)	420
Nebraska	100	125	95	85	100	(D)	(D)	505
Texas	145	95	75	40	15	(D)	(D)	370
Other States	180	105	75	60	45	(D)	(D)	465
United States ..	535	460	400	285	(X)	135	90	1,905

(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: 2022

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	23	25	28	26	28
California	56	41	54	58	63	57
Colorado	170	185	190	195	170	155
Idaho	40	40	36	41	38	43
Iowa	92	98	103	108	92	71
Kansas	430	420	450	480	450	460
Minnesota	15	11	14	14	13	10
Nebraska	475	460	455	490	440	495
Oklahoma	34	37	44	54	56	53
South Dakota	45	30	37	37	35	47
Texas	395	355	335	415	435	410
Washington	29	30	34	31	30	34
Other States	46	43	48	49	45	51
United States	1,854	1,773	1,825	2,000	1,893	1,914

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	26	22	23	21	21	25
California	63	59	69	48	42	53
Colorado	165	170	180	165	170	170
Idaho	38	35	44	44	44	42
Iowa	66	56	80	73	89	94
Kansas	505	445	485	455	430	410
Minnesota	19	14	12	18	13	16
Nebraska	545	490	510	480	445	480
Oklahoma	45	42	42	45	38	47
South Dakota	43	30	31	34	45	59
Texas	460	390	450	400	390	410
Washington	34	29	34	37	36	39
Other States	52	42	44	40	41	46
United States	2,061	1,824	2,004	1,860	1,804	1,891

¹ December prior year.

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

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	5	6	7	6	6	7
Colorado	5	5	5	5	5	10
Idaho	1	2	1	1	2	2
Iowa	3	2	3	2	2	3
Kansas	10	10	10	10	10	10
Minnesota	1	1	1	1	1	1
Nebraska	10	15	10	10	10	20
Oklahoma	2	2	1	1	1	1
South Dakota	3	2	2	3	2	6
Texas	10	15	15	10	10	10
Washington	1	1	1	1	1	2
Other States	2	2	2	2	3	3
United States	54	64	59	53	54	76

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	6	6	7	7	7	7
Colorado	5	5	5	5	5	5
Idaho	1	1	1	2	2	1
Iowa	2	2	1	2	2	1
Kansas	15	10	10	10	10	10
Minnesota	1	1	1	1	1	1
Nebraska	20	10	10	10	10	15
Oklahoma	1	1	2	2	1	1
South Dakota	4	1	2	1	2	2
Texas	10	15	10	10	10	10
Washington	1	1	1	1	1	1
Other States	2	2	2	1	2	2
United States	69	56	53	53	54	57

¹ December prior year.

Cattle on Feed by Class on 1,000+ Capacity Feedlots and Quarter – States and United States: 2022

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	267	280	275	264	5	5	5	10
California	470	470	465	435	85	95	95	75
Colorado	635	655	570	590	495	445	490	480
Idaho	160	170	150	155	150	135	130	135
Iowa	450	470	465	475	150	150	145	145
Kansas	1,340	1,370	1,230	1,270	1,150	1,140	1,120	1,090
Minnesota	85	85	75	70	15	15	15	15
Nebraska	1,590	1,680	1,480	1,490	1,010	980	890	980
Oklahoma	165	160	145	155	145	130	125	130
South Dakota	135	145	105	105	95	85	65	80
Texas	1,760	1,770	1,680	1,610	1,160	1,180	1,180	1,210
Washington	115	120	120	130	100	105	115	115
Other States	195	195	175	185	115	110	95	110
United States	7,367	7,570	6,935	6,934	4,675	4,575	4,470	4,575

Feedlots, Inventory, and Marketings by Size of Feedlot – United States: 2021 and 2022

Feedlot capacity	2021			2022		
	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	25,000	2,652.6	3,320.0	24,000	2,475.3	3,325.0
1,000 head or more	2,120	12,042.0	22,522.0	2,093	11,682.0	22,590.0
1,000 - 1,999	730	432.0	632.0	710	332.0	610.0
2,000 - 3,999	560	700.0	1,280.0	550	700.0	1,310.0
4,000 - 7,999	375	1,000.0	1,890.0	370	910.0	1,870.0
8,000 - 15,999	190	1,130.0	2,310.0	190	1,020.0	2,190.0
16,000 - 23,999	80	890.0	1,790.0	83	830.0	1,780.0
24,000 - 31,999	49	930.0	1,780.0	49	920.0	1,750.0
32,000 - 49,999	58	2,110.0	3,890.0	61	2,100.0	3,950.0
50,000 and Over	78	4,850.0	8,950.0	80	4,870.0	9,130.0
All feedlots	27,120	14,694.6	25,842.0	26,093	14,157.3	25,915.0

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

Total Feedlot Capacity of 1,000+ Capacity Feedlots – United States: January 1, 2022 and 2023

State	Feedlot capacity	
	2022	2023
	(1,000 head)	(1,000 head)
United States	17,100	17,100

All Cattle on Feed Inventory - States and United States: January 1, 2022 and 2023

[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	2022	2023	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
Arizona	274.0	269.0	98
California	555.0	520.0	94
Colorado	1,160.0	1,070.0	92
Idaho	320.0	330.0	103
Illinois	210.0	220.0	105
Indiana	105.0	110.0	105
Iowa	1,170.0	1,150.0	98
Kansas	2,610.0	2,480.0	95
Kentucky	18.0	18.0	100
Maryland	8.0	7.0	88
Michigan	160.0	150.0	94
Minnesota	380.0	350.0	92
Missouri	80.0	80.0	100
Montana	43.0	40.0	93
Nebraska	2,820.0	2,780.0	99
Nevada	3.0	3.0	100
New York	22.0	23.0	105
North Dakota	39.0	41.0	105
Ohio	150.0	140.0	93
Oklahoma	315.0	280.0	89
Oregon	130.0	135.0	104
Pennsylvania	70.0	65.0	93
South Dakota	445.0	430.0	97
Texas	2,930.0	2,780.0	95
Utah	21.0	18.0	86
Virginia	17.0	14.0	82
Washington	220.0	270.0	123
West Virginia	4.0	3.0	75
Wisconsin	270.0	240.0	89
Wyoming	69.0	72.0	104
Other States ¹	76.6	69.3	90
United States	14,694.6	14,157.3	96

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 0.3 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 11.7 million head by more than 0.3 percent. Chances are 9 out of 10 that the difference will not exceed 0.5 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 21,000 head, ranging from 0 to 65,000 head. During this period the initial estimate has been above the latest estimate 0 times and has been below the latest estimate 15 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	0.3	0.5	21	0	65	15	0
Placements	0.5	0.9	7	0	23	11	10
Marketings	0.1	0.2	1	0	7	5	7

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov.

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

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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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