

Cattle On Feed



United States
Department of
Agriculture

Washington, D.C.

Released January 29, 1993, by the Agricultural Statistics Board. Inventory estimates refer to January 1, 1993. Placement and marketing estimates refer to the month of December and the quarter of October through December.

Cattle on Feed Up 7 Percent in 13 Quarterly States

Cattle and calves on feed for slaughter market in the 13 States preparing quarterly estimates totaled 10.88 million head, up 7 percent from a year ago and 1 percent above January 1, 1991. This is the largest 13 State January cattle on feed inventory since 1979. The inventory included 7.17 million steers and steer calves, 7 percent above a year ago. This group accounts for 65.8 percent of the total inventory. Heifers and heifer calves accounted for 3.64 million head, 9 percent above a year ago.

Placements of cattle and calves on feed in the 13 States during the October-December 1992 quarter totaled 7.46 million, up 5 percent from a year earlier and 1 percent above October-December 1990. This is the highest October-December placements since 1984. Net placements of 7.14 million for October-December were up 5 percent from the previous year and up 1 percent from 1990.

Marketings of fed cattle during the October-December 1992 quarter totaled 5.18 million, down 2 percent from both 1991 and 1990.

Other disappearance totaled 320,000 head compared to 309,000 in October-December 1991 and 347,000 in October-December 1990.

Expected Marketings for January-March 1993 Up 3 Percent

Cattle feeders expect to market 5.61 million head during the January-March quarter of 1993. This would be up 3 percent from the first quarter marketings in 1992 and up 5 percent from January-March in 1991.

Index is located at the end of this report. For information call Glenda Shepler (202) 720-3040. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Cattle on Feed in 7 Monthly States Up 8 Percent

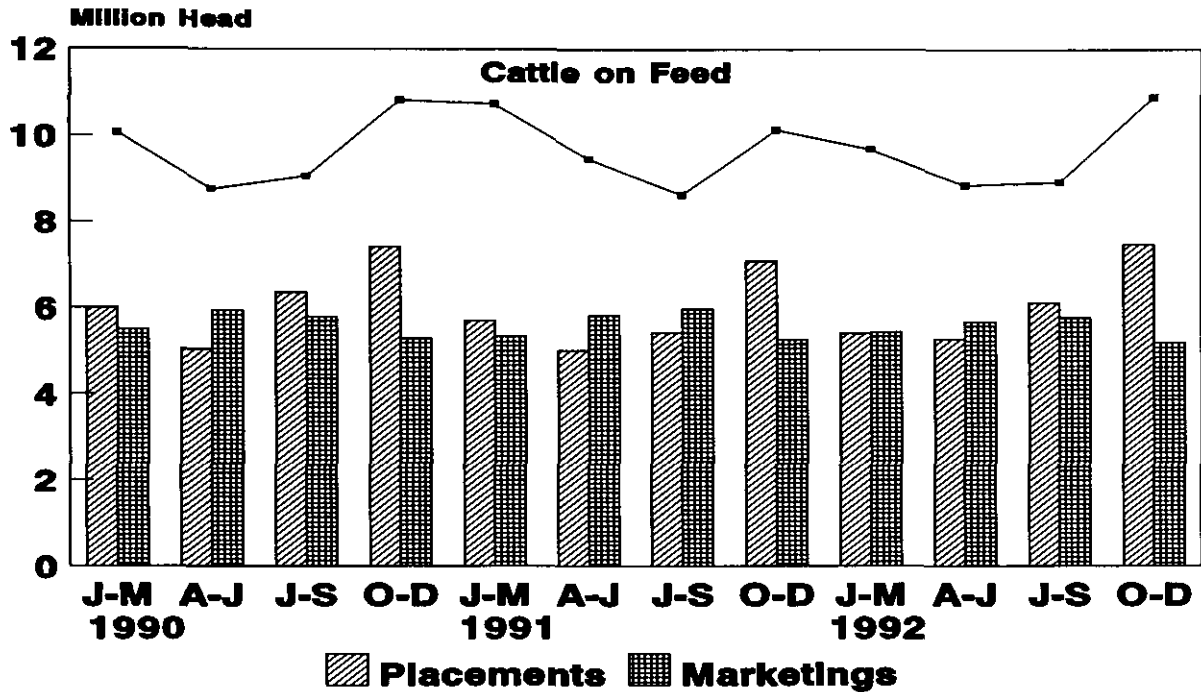
Cattle on feed January 1, 1993, in the 7 monthly States totaled 9.07 million, up 8 percent from January 1, 1992, and 1 percent above 1991. This is the largest January 7 State cattle on feed number since 1979. Placements in feedlots during December totaled 1.69 million, 16 percent above 1991 and 18 percent above 1990. This is the highest December placements since 1983.

Marketings during December totaled 1.41 million, down 2 percent from a year ago but 4 percent above 1990.

Other disappearance during December was 101,000 head, 9 percent above last year but 17 percent below 1990.

October-December 1992 quarterly marketings for the 7 States, at 4.35 million, was down 3 percent from the same quarter in both 1991 and 1990. Marketings for the 7 states during the October-December quarter accounted for 84 percent of the 13 state total. Expected 7 State marketings for the January-March 1993 quarter are estimated at 4.77 million, up 3 percent from last year and up 5 percent from 1991.

Cattle on Feed, Placements, Marketings by Quarters for 13 States



Cattle on Feed: Placed, Marketed, and Other Disappearance
by Quarter and 13 State Total, 1990-93

Date	Inventory	Current Quarter		
		Placements	Marketings	Other Disappearance
1,000 Head				
Jan 1, 1990	9,943	6,003	5,498	385
Apr 1, 1990	10,063	5,041	5,943	400
Jul 1, 1990	8,761	6,358	5,796	261
Oct 1, 1990	9,062	7,401	5,289	347
Jan 1, 1991	10,827	5,702	5,328	462
Apr 1, 1991	10,739	5,006	5,820	464
Jul 1, 1991	9,461	5,414	5,973	282
Oct 1, 1991	8,620	7,086	5,262	309
Jan 1, 1992	10,135	5,403	5,441	404
Apr 1, 1992	9,693	5,273	5,675	444
Jul 1, 1992	8,847	6,107	5,766	268
Oct 1, 1992	8,920	7,463	5,179	320
Jan 1, 1993	10,884			

Cattle on Feed: Number on Feed, Placements, Marketings, and Other
Disappearance, 13 States, Oct - Jan 1990-1993

Item	Number			1992 as % of	
	1990	1991	1992	1990	1991
	----- 1,000 Head -----			Percent	
On Feed Oct 1	9,062	8,620	8,920	98	103
Placed on Feed Oct 1 - Dec 31 <u>1/</u>	7,401	7,086	7,463	101	105
Fed Cattle Marketed Oct 1 - Dec 31 <u>1/</u>	5,289	5,262	5,179	98	98
Other Disappearance Oct 1 - Dec 31 <u>2/</u>	347	309	320	92	104
				----- 1,000 Head -----	
				Percent	
On Feed Jan 1	10,827	10,135	10,884	101	107
Kinds on Feed Jan 1					
Steers and Steer Calves	6,999	6,725	7,166	102	107
Heifers and Heifer Calves	3,759	3,348	3,640	97	109
Cows and Other	69	62	78	113	126
Number on Feed by Weight Groups Jan 1					
Steers and Steer Calves					
Less Than 500 Pounds	267	283	304	114	107
500-699 Pounds	1,409	1,179	1,297	92	110
700-899 Pounds	2,089	2,034	2,402	115	118
900-1099 Pounds	2,086	1,959	2,008	96	103
1100 Pounds and Over	1,148	1,270	1,155	101	91
Heifers and Heifer Calves					
Less Than 500 Pounds	152	141	136	89	96
500-699 Pounds	984	840	942	96	112
700-899 Pounds	1,311	1,171	1,319	101	113
900-1099 Pounds	1,083	944	1,025	95	109
1100 Pounds and Over	229	252	218	95	87
Marketings Jan - Mar <u>3/</u>	5,328	5,441	5,610	105	103

- 1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter.
- 2/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.
- 3/ Total marketings including those placed on feed after Jan 1 and marketed before Mar 31 for previous years; Expected total marketings including an allowance for those placed on feed after Jan 1 and marketed before Mar 31 for current year.

Cattle on Feed: Number on Feed by Quarter, State,
and 13 State Total 1991-93 1/

State	1991		1992			Jan 1, 1993	
	Jan 1	Jan 1	Apr 1	Jul 1	Oct 1	Number	as % of 1992
	----- 1,000 Head -----						Percent
AZ	232	217	203	167	180	233	107
CA	420	380	315	340	385	440	116
CO	980	930	910	820	840	1,000	108
ID	290	280	260	260	265	280	100
IL	370	340	295	255	235	330	97
IA	1,030	880	840	720	660	890	101
KS	1,750	1,820	1,810	1,640	1,700	1,920	105
MN	340	310	320	285	230	330	106
NE	2,250	1,990	1,960	1,650	1,760	2,130	107
OK	330	345	355	305	310	345	100
SD	320	290	290	240	195	340	117
TX	2,330	2,180	1,970	2,000	1,970	2,460	113
WA	185	173	165	165	190	186	108
13 Sts	10,827	10,135	9,693	8,847	8,920	10,884	107

1/ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better.

Cattle on Feed: Number Placed on Feed, by Quarter, State,
and 13 State Total 1991-92 1/

State	Oct - Dec 1991	Jan - Mar 1992	Apr - Jun 1992	Jul - Sep 1992	Oct - Dec 1992	
	Number	Number	Number	Number	Number	as % of 1991
	----- 1,000 Head -----					Percent
AZ	132	63	98	102	125	95
CA	230	175	250	220	265	115
CO	685	600	455	625	685	100
ID	215	160	183	190	220	102
IL	190	95	110	110	205	108
IA	720	345	285	345	650	90
KS	1,230	1,135	990	1,315	1,210	98
MN	205	110	100	95	225	110
NE	1,430	1,250	1,080	1,350	1,600	112
OK	220	225	185	220	240	109
SD	235	145	100	110	255	109
TX	1,485	995	1,330	1,295	1,660	112
WA	109	105	107	130	123	113
13 Sts	7,086	5,403	5,273	6,107	7,463	105

1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter.

Cattle on Feed: Fed Cattle Marketed by Quarter, State,
and 13 State Total, 1991-92 1/

State	Oct - Dec 1992					Number	as % of 1991
	Oct - Dec 1991	Jan - Mar 1992	Apr - Jun 1992	Jul - Sep 1992	Oct - Dec 1992		
	1,000 Head					Percent	
AZ	49	66	111	82	69	141	
CA	170	180	165	140	155	91	
CO	500	590	520	590	510	102	
ID	130	155	160	175	185	142	
IL	115	130	140	125	100	87	
IA	450	355	375	390	405	90	
KS	920	1,095	1,120	1,215	935	102	
MN	110	90	125	145	115	105	
NE	1,180	1,190	1,250	1,150	1,170	99	
OK	185	205	230	210	200	108	
SD	130	135	120	145	105	81	
TX	1,215	1,140	1,255	1,295	1,105	91	
WA	108	110	104	104	125	116	
13 Sts	5,262	5,441	5,675	5,766	5,179	98	

1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter.

Cattle on Feed: Other Disappearance by Quarter, State,
and 13 State Total, 1991-92 1/

State	Oct - Dec 1992					Number	as % of 1991
	Oct - Dec 1991	Jan - Mar 1992	Apr - Jun 1992	Jul - Sep 1992	Oct - Dec 1992		
	1,000 Head					Percent	
AZ	17	11	23	7	3	18	
CA	35	60	60	35	55	157	
CO	25	30	25	15	15	60	
ID	30	25	23	10	20	67	
IL	10	10	10	5	10	100	
IA	20	30	30	15	15	75	
KS	40	50	40	40	55	138	
MN	10	10	10	5	10	100	
NE	60	90	140	90	60	100	
OK	5	10	5	5	5	100	
SD	5	10	30	10	5	100	
TX	50	65	45	30	65	130	
WA	2	3	3	1	2	100	
13 Sts	309	404	444	268	320	104	

1/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.

Cattle on Feed: Expected Total Marketings by State
and 13 State Total, Jan-Mar, 1992-93

State	Total Marketings	Expected Total Marketings	as % of 1992
	Jan - Mar, 1992 <u>1/</u>	Jan - Mar, 1993 <u>2/</u>	
	Number	Number	
	----- 1,000 Head -----		Percent
AZ	66	90	136
CA	180	190	106
CO	590	600	102
ID	155	170	110
IL	130	115	88
IA	355	340	96
KS	1,095	1,100	100
MN	90	110	122
NE	1,190	1,150	97
OK	205	210	102
SD	135	125	93
TX	1,140	1,300	114
WA	110	110	100
13 Sts	5,441	5,610	103

- 1/ Total marketings of cattle including those placed on feed after Jan 1 and marketed before Mar 31.
- 2/ Expected total marketings including an allowance for those placed on feed after Jan 1 and marketed before Mar 31.

Cattle on Feed: Number on Feed by Class, Quarter,
State, and 13 State Total, 1992-93

State	Steers and Steer Calves					Heifers and Heifer Calves				
	1992					1993				
	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1
1,000 Head										
AZ	205	194	164	177	222	12	9	3	3	11
CA	335	249	280	340	375	44	64	57	43	60
CO	551	560	495	520	600	361	335	295	285	380
ID	190	181	175	190	190	83	72	80	70	81
IL	199	150	115	110	190	141	145	140	125	140
IA	585	510	440	425	570	290	325	275	230	311
KS	1,238	1,210	1,130	1,196	1,305	582	600	510	500	611
MN	227	235	198	170	240	80	83	85	58	87
NE	1,190	1,190	960	1,040	1,280	780	750	670	700	830
OK	228	236	208	210	235	117	119	97	100	110
SD	170	171	134	115	200	115	117	102	79	134
TX	1,502	1,338	1,340	1,319	1,650	676	630	659	650	809
WA	105	102	100	110	109	67	63	65	76	76
13 Sts	6,725	6,326	5,739	5,922	7,166	3,348	3,312	3,038	2,919	3,640
Cows and Others										
1992										
1993										
1,000 Head										
AZ	0		0		0		0		0	
CA	1		2		3		2		5	
CO	18		15		30		35		20	
ID	7		7		5		5		9	
IL	0		0		0		0		0	
IA	5		5		5		5		9	
KS	0		0		0		4		4	
MN	3		2		2		2		3	
NE	20		20		20		20		20	
OK	0		0		0		0		0	
SD	5		2		4		1		6	
TX	2		2		1		1		1	
WA	1		0		0		4		1	
13 Sts	62		55		70		79		78	

Cattle on Feed: Steers and Steer Calves on Feed by Weight Group,
Quarter, State, and 13 State Total, 1992-93

State	Under 500 Pounds				500-699 Pounds						
	1992				: 1993 :		1992				:1993
	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1	
	1,000 Head										
AZ	38	24	24	23	24	66	45	41	61	63	
CA	65	48	65	80	75	100	96	70	65	100	
CO	11	10	10	12	5	89	55	15	45	70	
ID	1	0	1	2	6	36	20	7	19	40	
IL	17	10	4	6	15	50	26	20	11	48	
IA	30	20	10	9	29	150	90	45	38	170	
KS	37	10	6	12	21	173	96	95	96	214	
MN	25	22	14	14	25	59	50	22	22	72	
NE	10	10	10	10	10	175	80	40	60	220	
OK	2	3	6	4	4	26	24	19	25	27	
SD	6	4	1	2	4	50	27	6	14	46	
TX	39	27	27	66	82	198	187	147	198	215	
WA	2	1	2	3	4	7	1	3	3	12	
13 Sts	283	189	180	243	304	1,179	797	530	657	1,297	
	700-899 Pounds				900-1,099 Pounds						
	1992				: 1993 :		1992				:1993
	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1	
	1,000 Head										
AZ	66	66	47	47	84	30	52	48	41	46	
CA	80	49	60	95	80	70	49	60	65	100	
CO	190	320	235	235	245	183	130	180	175	200	
ID	38	65	41	49	45	68	68	80	63	51	
IL	54	50	31	30	63	54	43	44	40	45	
IA	160	190	120	130	170	140	140	160	160	115	
KS	384	427	255	347	475	409	531	487	502	375	
MN	60	72	48	37	70	50	58	65	58	40	
NE	305	390	210	230	440	340	490	420	430	290	
OK	76	99	62	80	89	87	95	85	80	85	
SD	38	63	41	30	67	40	53	52	43	59	
TX	556	522	389	382	545	451	468	603	475	560	
WA	27	28	31	26	29	37	48	41	46	42	
13 Sts	2,034	2,341	1,570	1,718	2,402	1,959	2,225	2,325	2,178	2,008	

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Cattle on Feed: Steers and Steer Calves on Feed by Weight Group,
Quarter, State, and 13 State Total, 1992-93 (continued)

State	1,100 Pounds and Over				
	1992				1993
	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1
	1,000 Head				
AZ	5	7	4	5	5
CA	20	7	25	35	20
CO	78	45	55	53	80
ID	47	28	46	57	48
IL	24	21	16	23	19
IA	105	70	105	88	86
KS	235	146	287	239	220
MN	33	33	49	39	33
NE	360	220	280	310	320
OK	37	15	36	21	30
SD	36	24	34	26	24
TX	258	134	174	198	248
WA	32	24	23	32	22
13 Sts	1,270	774	1,134	1,126	1,155

Cattle on Feed: Heifers and Heifer Calves on Feed by Weight Group,
Quarter, State, and 13 State Total, 1992-93

State	Under 500 Pounds				500-699 Pounds						
	1992				1993		1992				1993
	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1	Jan 1	Apr 1	Jul 1	Oct 1	Jan 1	
	1,000 Head										
AZ	5	1	0	0	1	4	3	1	1	4	
CA	3	3	5	13	7	17	15	16	10	16	
CO	9	2	2	3	3	63	53	20	35	60	
ID	3	1	1	4	4	21	15	9	9	20	
IL	14	6	2	5	10	47	27	48	26	50	
IA	25	20	5	10	22	110	100	40	50	115	
KS	23	8	3	9	12	116	89	72	72	166	
MN	10	6	3	3	8	38	26	16	7	43	
NE	20	10	10	10	10	150	110	60	100	180	
OK	1	2	2	2	4	27	20	15	17	32	
SD	8	2	0	3	5	39	29	6	7	55	
TX	20	19	20	45	50	203	132	165	182	195	
WA	0	0	0	0	0	5	1	2	3	6	
13 Sts	141	80	53	107	136	840	620	470	519	942	

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Cattle on Feed: Heifers and Heifer Calves on Feed by Weight Group,
Quarter, State, and 13 State Total, 1992-93 (continued)

State	700 - 899 Pounds				900 - 1099 Pounds						
	1992				1993		1992				1993
	Jan	Apr	Jul	Oct	Jan	Jan	Apr	Jul	Oct	Jan	
	1,000 Head										
AZ	2	3	1	1	4	1	2	1	1	2	
CA	7	15	14	11	12	15	21	16	6	21	
CO	153	220	175	177	180	115	55	83	57	115	
ID	23	30	23	26	27	28	20	38	25	24	
IL	43	58	45	41	47	30	46	42	47	27	
IA	75	120	115	58	93	60	70	100	90	66	
KS	221	295	182	230	225	199	183	225	171	190	
MN	18	28	25	14	21	10	18	32	22	11	
NE	220	290	220	250	280	290	240	330	280	270	
OK	49	67	40	44	40	33	28	35	36	31	
SD	23	48	32	29	32	33	30	56	32	32	
TX	317	321	257	247	330	95	145	191	150	202	
WA	20	29	32	27	28	35	26	24	39	34	
13 Sts	1,171	1,524	1,161	1,155	1,319	944	884	1,173	956	1,025	
State	1,100 Pounds and Over										
	1992					1993					
	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	
	1	1	1	1	1	1	1	1	1	1	
1,000 Head											
AZ	0	0	0	0	0	0	0	0	0	0	
CA	2	10	6	3	4	3	4	3	4	4	
CO	21	5	15	13	22	13	22	13	22	22	
ID	8	6	9	6	6	6	6	6	6	6	
IL	7	8	3	6	6	6	6	6	6	6	
IA	20	15	15	22	15	22	22	15	15	15	
KS	23	25	28	18	18	18	18	18	18	18	
MN	4	5	9	12	4	12	12	4	4	4	
NE	100	100	50	60	90	60	60	90	90	90	
OK	7	2	5	1	3	1	1	3	3	3	
SD	12	8	8	8	10	8	8	10	10	10	
TX	41	13	26	26	32	26	26	32	32	32	
WA	7	7	7	7	8	7	7	8	8	8	
13 Sts	252	204	181	182	218	182	182	218	218	218	

Cattle on Feed: Number on Feed, Placements, Marketings,
and Other Disappearance, 7 States, Oct-Jan, 1990-93

Item	Number			1992 as % of	
	1990	1991	1992	1990	1991
	---- 1,000 Head ----			Percent	
On Feed	Oct 1				
Placed on Feed	Oct 1 - Dec 31 <u>1/</u>				
Fed Cattle Marketed	Oct 1 - Dec 31 <u>1/</u>				
Other Disappearance	Oct 1 - Dec 31 <u>2/</u>				
				1993 as % of	
				1991 : 1992	
				---- 1,000 Head ----	
On Feed	Jan 1				
Kinds on Feed Jan 1					
Steers and Steer Calves					
Heifers and Heifer Calves					
Cows and Other					
Number on Feed by Weight Groups Jan 1					
Steers and Steer Calves					
Less Than 500 Pounds					
500-699 Pounds					
700-899 Pounds					
900-1099 Pounds					
1100 Pounds and Over					
Heifers and Heifer Calves					
Less Than 500 Pounds					
500-699 Pounds					
700-899 Pounds					
900-1099 Pounds					
1100 Pounds and Over					
Marketings	Jan - Mar <u>3/</u>				

- 1/ Includes cattle placed on feed after beginning of quarter and marketed before end of quarter.
- 2/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.
- 3/ Total marketings including those placed on feed after Jan 1 and marketed before Mar 31 for previous years; expected total marketings including an allowance for those placed on feed after Jan 1 and marketed before Mar 31 for current year.

Cattle on Feed: Number on Feed, Placements, Marketings,
and Other Disappearance, 7 States, Dec-Jan, 1990-93

Item	Number			: 1992 as % of	
	1990	1991	1992	1990	1991
	----- 1,000 Head -----			Percent	
On Feed Dec 1 <u>1/</u>	9,039	8,477	8,894	98	105
Placed on Feed During Dec	1,433	1,456	1,694	118	116
Fed Cattle Marketed During Dec	1,359	1,443	1,414	104	98
Other Disappearance During Dec <u>2/</u>	121	93	101	83	109
	Number			: 1993 as % of	
	1991	1992	1993	1991	1992
	----- 1,000 Head -----			Percent	
On Feed Jan 1 <u>1/</u>	8,992	8,397	9,073	101	108

- 1/ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better.
- 2/ Includes death losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.

Cattle on Feed: Number on Feed, Placements, Marketings, and Other Disappearance, By State and 7 State Total, Jan 1-Dec 1, 1991-93

State:	Number on Feed			Placed			Marketed			Other Disappear.		
	1991	1992	92/91	1991	1992	92/91	1991	1992	92/91	1991	1992	92/91
	1,000 Head	Pct		1,000 Head	Pct		1,000 Head	Pct		1,000 Head	Pct	
	Jan 1			During Jan			During Jan			During Jan		
AZ	232	217	94	26	20	77	27	20	74	3	4	133
CA	420	380	90	85	75	88	70	65	93	15	10	67
CO	980	930	95	160	160	100	215	195	91	10	10	100
IA	1,030	880	85	155	130	84	110	125	114	15	10	67
KS	1,750	1,820	104	400	415	104	390	405	104	10	20	200
NE	2,250	1,990	88	510	460	90	430	470	109	50	30	60
TX	2,330	2,180	94	385	305	79	390	380	97	15	15	100
7 Sts:	8,992	8,397	93	1,721	1,565	91	1,632	1,660	102	118	99	84
	Feb 1			During Feb			During Feb			During Feb		
AZ	228	213	93	20	17	85	26	20	77	3	5	167
CA	420	380	90	80	55	69	65	55	85	15	20	133
CO	915	885	97	180	210	117	190	205	108	10	10	100
IA	1,060	875	83	105	115	110	95	100	105	10	10	100
KS	1,750	1,810	103	315	350	111	315	330	105	10	20	200
NE	2,280	1,950	86	440	450	102	350	370	106	50	30	60
TX	2,310	2,090	90	315	295	94	390	340	87	15	25	167
7 Sts:	8,963	8,203	92	1,455	1,492	103	1,431	1,420	99	113	120	106
	Mar 1			During Mar			During Mar			During Mar		
AZ	219	205	94	18	26	144	34	26	76	2	2	100
CA	420	360	86	60	45	75	65	60	92	35	30	86
CO	895	880	98	230	230	100	180	190	106	15	10	67
IA	1,060	880	83	125	100	80	105	130	124	10	10	100
KS	1,740	1,810	104	360	370	103	325	360	111	15	10	67
NE	2,320	2,000	86	440	340	77	350	350	100	40	30	75
TX	2,220	2,020	91	470	395	84	440	420	95	20	25	125
7 Sts:	8,874	8,155	92	1,703	1,506	88	1,499	1,536	102	137	117	85

--continued

Cattle on Feed: Number, Placements, Marketings, and Other Disappearance,
By State and 7 State Total, Jan 1-Dec 1, 1991-93 (continued)

State:	: Number on Feed :			Placed :			Marketed :			Other Disappear.		
	: 1991 :	1992:	92/91:	1991:	1992:	92/91:	1991:	1992:	92/91:	1991:	1992:	92/91
	: 1,000 Head	Pct		1,000 Head	Pct		1,000 Head	Pct		1,000 Head	Pct	
	: Apr 1			During Apr			During Apr			During Apr		
AZ :	201	203	101	17	30	176	30	30	100	3	5	167
CA :	380	315	83	65	70	108	60	55	92	25	30	120
CO :	930	910	98	175	165	94	180	180	100	10	15	150
IA :	1,070	840	79	115	95	83	125	115	92	10	10	100
KS :	1,760	1,810	103	300	310	103	330	330	100	20	20	100
NE :	2,370	1,960	83	380	380	100	430	380	88	40	30	75
TX :	2,230	1,970	88	375	375	100	495	400	81	20	15	75
7 Sts:	8,941	8,008	90	1,427	1,425	100	1,650	1,490	90	128	125	98
	: May 1			During May			During May			During May		
AZ :	185	198	107	27	34	126	36	44	122	11	2	18
CA :	360	300	83	80	100	125	55	55	100	30	15	50
CO :	915	880	96	190	180	95	170	165	97	10	5	50
IA :	1,050	810	77	80	85	106	125	115	92	10	10	100
KS :	1,710	1,770	104	360	380	106	345	380	110	15	10	67
NE :	2,280	1,930	85	390	370	95	470	410	87	50	60	120
TX :	2,090	1,930	92	645	575	89	450	425	94	15	20	133
7 Sts:	8,590	7,818	91	1,772	1,724	97	1,651	1,594	97	141	122	87
	: Jun 1			During Jun			During Jun			During Jun		
AZ :	165	186	113	17	34	200	31	37	119	4	16	400
CA :	355	330	93	55	80	145	65	55	85	15	15	100
CO :	925	890	96	115	110	96	170	175	103	10	5	50
IA :	995	770	77	55	105	191	180	145	81	10	10	100
KS :	1,710	1,760	103	225	300	133	385	410	106	10	10	100
NE :	2,150	1,830	85	260	330	127	440	460	105	50	50	100
TX :	2,270	2,060	91	375	380	101	410	430	105	15	10	67
7 Sts:	8,570	7,826	91	1,102	1,339	122	1,681	1,712	102	114	116	102

--continued

Cattle on Feed: Number, Placements, Marketings, and Other Disappearance,
By State and 7 State Total, Jan 1-Dec 1, 1991-93 (continued)

State:	Number on Feed			Placed			Marketed			Other Disappear.		
	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91
	1,000 Head	Pct	1,000 Head	Pct	1,000 Head	Pct	1,000 Head	Pct	1,000 Head	Pct	1,000 Head	Pct
	Jul 1		During Jul			During Jul			During Jul			
AZ	147	167	114	22	27	123	29	29	100	2	5	250
CA	330	340	103	60	65	108	60	45	75	10	10	100
CO	860	820	95	125	115	92	180	200	111	5	5	100
IA	860	720	84	80	75	94	165	110	67	10	5	50
KS	1,540	1,640	106	405	430	106	440	460	105	10	10	100
NE	1,920	1,650	86	320	360	113	430	400	93	40	40	100
TX	2,220	2,000	90	315	360	114	420	440	105	15	10	67
7 Sts:	7,877	7,337	93	1,327	1,432	108	1,724	1,684	98	92	85	92
	Aug 1		During Aug			During Aug			During Aug			
AZ	138	160	116	24	36	150	26	27	104	2	1	50
CA	320	350	109	90	75	83	65	45	69	10	10	100
CO	800	730	91	135	155	115	195	190	97	10	5	50
IA	765	680	89	65	110	169	155	145	94	5	5	100
KS	1,495	1,600	107	400	435	109	370	395	107	10	20	200
NE	1,770	1,570	89	390	430	110	450	370	82	20	30	150
TX	2,100	1,910	91	355	400	113	455	420	92	10	10	100
7 Sts:	7,388	7,000	95	1,459	1,641	112	1,716	1,592	93	67	81	121
	Sep 1		During Sep			During Sep			During Sep			
AZ	134	168	125	36	39	108	18	26	144	1	1	100
CA	335	370	110	80	80	100	55	50	91	5	15	300
CO	730	690	95	240	355	148	190	200	105	10	5	50
IA	670	640	96	120	160	133	150	135	90	10	5	50
KS	1,515	1,620	107	390	450	115	340	360	106	15	10	67
NE	1,690	1,600	95	560	560	100	430	380	88	20	20	100
TX	1,990	1,880	94	400	535	134	415	435	105	15	10	67
7 Sts:	7,064	6,968	99	1,826	2,179	119	1,598	1,586	99	76	66	87

--continued

Cattle on Feed: Number, Placements, Marketings, and Other Disappearance,
By State and 7 State Total, Jan 1-Dec 1, 1991-93 (continued)

State:	Number on Feed			Placed			Marketed			Other Disappear.		
	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91	1991	1992:92/91
	1,000 Head	Pct	1,000 Head	Pct	1,000 Head	Pct	1,000 Head	Pct	1,000 Head	Pct		
	Oct 1			During Oct			During Oct			During Oct		
AZ	151	180	119	59	58	98	15	23	153	2	1	50
CA	355	385	108	80	*105	131	55	45	82	10	15	150
CO	770	840	109	330	310	94	185	185	100	10	5	50
IA	630	660	105	250	230	92	165	145	88	5	5	100
KS	1,550	1,700	110	510	500	98	325	295	91	15	15	100
NE	1,800	1,760	98	620	610	98	440	360	82	20	20	100
TX	1,960	1,970	101	690	845	122	480	440	92	15	15	100
7 Sts:	7,216	7,495	104	2,539	2,658	105	1,665	1,493	90	77	76	99
	Nov 1			During Nov			During Nov			During Nov		
AZ	193	214	111	52	*43	83	16	22	138	2	1	50
CA	370	*430	116	80	70	88	55	*50	91	10	*20	200
CO	905	960	106	195	195	100	165	160	97	10	5	50
IA	710	740	104	245	210	86	150	145	97	5	5	100
KS	1,720	1,890	110	380	*370	97	260	310	119	10	20	200
NE	1,960	1,990	102	490	520	106	330	390	118	20	20	100
TX	2,155	*2,360	110	475	*435	92	400	365	91	20	20	100
7 Sts:	8,013	8,584	107	1,917	1,843	96	1,376	1,442	105	77	91	118
	Dec 1			During Dec			During Dec			During Dec		
AZ	227	*234	103	21	24	114	18	24	133	13	1	8
CA	385	430	112	70	90	129	60	60	100	15	20	133
CO	925	990	107	160	180	113	150	165	110	5	5	100
IA	800	800	100	225	210	93	135	115	85	10	5	50
KS	1,830	*1,930	105	340	340	100	335	330	99	15	20	133
NE	2,100	2,100	100	320	470	147	410	420	102	20	20	100
TX	2,210	2,410	109	320	380	119	335	300	90	15	30	200
7 Sts:	8,477	8,894	105	1,456	1,694	116	1,443	1,414	98	93	101	109
	Jan 1			During Dec			During Dec			During Dec		
AZ	217	233	107									
CA	380	440	116									
CO	930	1,000	108									
IA	880	890	101									
KS	1,820	1,920	105									
NE	1,990	2,130	107									
TX	2,180	2,460	113									
7 Sts:	8,397	9,073	108									

* Revised.

Cattle and Calves: Number on Feed by State
and United States, January 1, 1992-93

State	1992	1993	1993 as % of 1992
	----- 1,000 Head -----		Percent
AZ	217	233	107
CA	380	440	116
CO	930	1,000	108
ID	280	280	100
IL	340	330	97
IA	880	890	101
KS	1,820	1,920	105
MN	310	330	106
NE	1,990	2,130	107
OK	345	345	100
SD	290	340	117
TX	2,180	2,460	113
WA	173	186	108
13 Sts	10,135	10,884	107
AL	25	17	68
AR	16	17	106
GA	18	17	94
Ha	9	2	22
IN	210	210	100
KY	35	35	100
LA	9	5	56
MD	15	17	113
MI	210	220	105
MS	9	10	111
MO	90	105	117
MT	90	75	83
NV	45	40	89
NJ	2	6	300
NM	120	130	108
NY	30	35	117
NC	20	15	75
ND	65	70	108
OH	225	215	96
OR	85	100	118
PA	80	85	106
SC	18	14	78
TN	25	25	100
UT	50	58	116
VA	35	40	114
WV	14	10	71
WI	140	140	100
WY	105	90	86
Oth Sts <u>2/</u>	15	12	80
US	11,945	12,701	106

1/ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better.

2/ Other States include AK, CT, DE, FL, ME, MA, NH, RI, and VT.

Reliability of January 1 Cattle on Feed Estimates

Terminology: 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 losses, movement from feedlots to pastures and shipments to other feedlots for further feeding.

Survey Procedures: A random sample of U.S. producers were surveyed to provide data for these estimates. Survey procedures ensured that all cattle on feed producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 76,000 operators during the first half of January by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of January 1.

Estimation 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 and/or quarter when setting the current estimates.

Revision Policy: Revisions to previous estimates are made to improve month to month and/or quarter to quarter relationships. Estimates for the previous month/quarter are subject to revision in all 13 States each quarter when current quarterly estimates are made. In January, all monthly and quarterly estimates for the previous year 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 Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date and estimates become final.

Reliability: Since all cattle on feed operators are not included in the sample, 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 the estimates in this report, the "Root Mean Square Error" is shown for selected items in the table below. 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 the January 1 cattle on feed inventory estimate over the past 10 years is 2.0 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 10.88 million head by more than 2.0 percent, or about 218,000 head. Chances are 9 out of 10 that the difference will not exceed 3.7 percent, or about 403,000 head (the 90 percent confidence level). The table below also shows a 10 year record of the range of differences between first and latest estimates for selected items. Using estimates of all cattle on feed as an example, changes between the first inventory estimate and the latest estimate during the past 10 years have averaged 114,000 head, ranging from 0 to 345,000 head. During this period the initial inventory estimate has been below the latest estimate 5 times, above the latest estimate 2 times, and unchanged 3 times. This does not imply that the January 1 estimate is likely to understate or overstate final inventory.

Reliability of January 1 Cattle on Feed Estimates 1/

	Root Mean Square Error	90% Confidence Level	Difference Between First and Latest Estimates			Number of Quarters		
			Average	Smallest	Largest	First Above Latest	First Below Latest	
	Percent	Percent	1,000 Head	1,000 Head	1,000 Head	Number	Number	
Inventory	2.0	3.7	403	114	0	345	2	5
Placements	1.4	2.6	194	47	-4	225	5	5
Marketings	0.8	1.5	78	24	-5	80	4	6
Expected Marketings 2/	3.7	6.7	376	-114	-2	-417	9	1

1/ Based on for January 1 estimates for the past 10 years.

2/ Expected marketings for the January-March period compared to actual marketings for the quarter.

The next "Cattle on Feed" report will be released at 3:00 p.m. ET. on February 19, 1993.

Index

	Page
Cattle on Feed - 13 State Summary	4
Cattle on Feed - 7 State Summary	12
Cattle on Feed by State, 13 States	5
Cattle on Feed, by State, U.S.	18
Cattle on Feed, Number by Class and State	8
Expected Marketings, by State, January-March	7
Heifers and Heifer Calves on Feed by Quarter, Weight Group, and State	10
Marketings by Quarter and State, October-December 1991 and January-December 1992	6
Number on Feed, Placements, Marketings and Other Disappearance, 7 State, 1990-93	13
Number on Feed, Placements, Marketings, and Other Disappearance, by State and 7 State Total, January-December 1991-93	14
Other Disappearance by Quarter and State, October-December 1991 and January-December 1992	6
Placements by Quarter and State, October-December 1991 and January-December 1992	5
Quarterly Cattle on Feed, Placements, Marketings, and Other Disappearance, 13 States 1990-93	3
Reliability Statement	19
Steer and Steer Calves on Feed by Quarter, Weight Group, and State	9

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