

Cattle



National
Agricultural
Statistics
Service

United States
Department of
Agriculture

Washington, D.C.

Released February 7, 1992, by the Agricultural Statistics Board. Inventory estimates refer to January 1, 1992. Calf Crop and Number of Operations are for the 1990 and 1991 calendar years.

January 1 Cattle Inventory Up 1 Percent

All cattle and calves in the United States as of January 1, 1992, totaled 100.1 million head, up 1 percent from the revised 98.9 million on January 1, 1991, and up 2 percent from 98.2 million two years ago. This is the largest January 1 inventory since January 1, 1987.

All cows and heifers that have calved, at 43.7 million, were up 1 percent from the 43.4 million level of both last year and two years ago.

- Beef cows, at 33.8 million, were 2 percent above both January 1, 1991, and 1990.
- Milk cows, at 9.90 million, were 2 percent below both January 1, 1991, and 1990.

Other class estimates on January 1, 1992, and the changes from January 1 last year and two years ago, respectively, are as follows:

- All heifers 500 pounds and over, 18.6 million, up 2 percent and up 5 percent.
- Beef replacement heifers, 5.75 million, up 3 percent and up 6 percent.
- Milk replacement heifers, 4.20 million, down slightly and down 1 percent.
- Other heifers, 8.68 million, up 4 percent and up 8 percent.

For information, call Glenda Shepler (202) 720-3040. Office hours are 8:00 a.m. to 4:30 p.m. ET.

- Steers weighing 500 pounds and over, 16.8 million, up 2 percent and up 5 percent.
- Bulls weighing 500 pounds and over, 2.28 million, up 2 percent and up 4 percent.
- Calves under 500 pounds, 18.7 million, virtually unchanged and down 2 percent.
- All cattle and calves on feed for slaughter, 11.9 million, down 5 percent and up 3 percent.

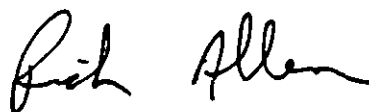
Calf Crop Virtually Unchanged

The 1991 calf crop was estimated at 39.3 million, virtually unchanged from 1990 and down 2 percent from 1989. The estimated calf crop is down 2 percent from the expected number published last July. Calves born during the first half of the year were estimated at 73.1 percent of the annual total.

This report was approved on February 7, 1992, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.



Acting Secretary of
Agriculture
John C. Foltz



Agricultural Statistics Board
Chairperson
Rich Allen

Cattle and Calves: Number by Class and Calf Crop, United States
January 1, 1990-92

Class	1990	1991	1992	1992 as % of 1991
	1,000 Head			Percent
Cattle and Calves	98,162	98,896	100,110	101
Cows and Heifers That Have Calved	43,353	43,427	43,738	101
Beef Cows	33,200	33,271	33,834	102
Milk Cows	10,153	10,156	9,904	98
Heifers 500 Pounds and Over	17,673	18,182	18,624	102
For Beef Cow Replacement	5,418	5,605	5,747	103
For Milk Cow Replacement	4,227	4,220	4,200	100
Other Heifers	8,028	8,357	8,677	104
Steers 500 Pounds and Over	15,911	16,369	16,750	102
Bulls 500 Pounds and Over	2,195	2,228	2,280	102
Calves Under 500 Pounds	19,031	18,691	18,718	100
Calf Crop	40,102	39,249	39,256	100

United States Balance Sheet
Cattle and Calves
1990 - 1992 ^{1/}

Item	1989	1990	1991
	Million Head		
January 1 Inventory	98.1	98.2	98.9
Calf Crop and Imports	41.5	41.4	41.2
Total Supply ^{2/}	139.6	139.6	140.1
Slaughter	36.3	35.3	34.4
Deaths and Exports	4.6	4.5	4.7
Total Disappearance ^{2/}	41.0	39.8	39.1
Residual ^{2/}	-.4	-.9	-.9
January 1 Inventory (End of Year)	98.2	98.9	100.1

^{1/} Final 1989, 1990 and preliminary 1991 estimates will be published in the "Meat Animals - Production, Disposition and Income" report, published on April 13, 1992.

^{2/} Totals may not add due to rounding.

Cattle and Calves: Total and Number by Class, January 1, 1991-92

State	All Cattle and Calves			All Cows That Have Calved		
	1991	1992	1992 as % of 91	1991	1992	1992 as % of 91
	--- 1,000 Head ---		Percent	-- 1,000 Head --		Percent
AL	1,800	1,800	100	960	910	95
AK	8.0	8.5	106	3.6	3.5	97
AZ	840	900	107	345	375	109
AR	1,690	1,710	101	917	941	103
CA	4,600	4,500	98	2,030	2,010	99
CO	2,750	2,950	107	850	900	106
CT	74	73	99	40	39	98
DE	28	31	111	12	13	108
FL	1,900	1,940	102	1,250	1,255	100
GA	1,420	1,470	104	770	790	103
HI	214	200	93	91	87	96
ID	1,740	1,760	101	730	730	100
IL	2,000	1,980	99	765	760	99
IN	1,225	1,280	104	500	525	105
IA	4,700	4,450	95	1,440	1,420	99
KS	5,700	5,650	99	1,423	1,430	100
KY	2,500	2,580	103	1,300	1,300	100
LA	1,020	1,000	98	650	630	97
ME	119	114	96	60	58	97
MD	320	315	98	159	157	99
MA	70	70	100	41	41	100
MI	1,200	1,200	100	450	444	99
MN	2,760	2,800	101	1,065	1,050	99
MS	1,290	1,350	105	770	760	99
MO	4,400	4,550	103	2,210	2,270	103
MT	2,330	2,550	109	1,400	1,490	106
NE	6,000	5,800	97	1,900	1,850	97
NV	540	570	106	310	315	102
NH	46	46	100	24	24	100
NJ	70	70	100	38	37	97
NM	1,340	1,400	104	660	630	95
NY	1,550	1,560	101	840	825	98
NC	950	1,000	105	490	515	105
ND	1,700	1,850	109	960	960	100
OH	1,580	1,600	101	710	700	99
OK	5,550	5,500	99	1,940	2,020	104
OR	1,480	1,420	96	700	690	99
PA	1,820	1,870	103	870	880	101
RI	7.0	7.0	100	3.6	3.5	97
SC	580	600	103	310	320	103
SD	3,400	3,550	104	1,630	1,640	101
TN	2,250	2,290	102	1,170	1,170	100
TX	13,300	13,600	102	5,700	5,850	103
UT	810	800	99	401	400	100
VT	280	275	98	178	175	98
VA	1,730	1,750	101	855	860	101
WA	1,340	1,450	108	616	640	104
WV	515	550	107	290	295	102
WI	4,170	4,000	96	1,940	1,850	95
WY	1,190	1,320	111	660	700	106
US	98,896	100,110	101	43,427	43,738	101

Cattle and Calves: Number by Class, January 1, 1991-92

State	Beef Cows That Have Calved			Milk Cows That Have Calved		
	1991	1992	1992 as % of 91	1991	1992	1992 as % of 91
	--- 1,000 Head ---		Percent	-- 1,000 Head --		Percent
AL	917	867	95	43	43	100
AK	2.5	2.7	108	1.1	.8	73
AZ	249	279	112	96	96	100
AR	848	872	103	69	69	100
CA	880	850	97	1,150	1,160	101
CO	773	823	106	77	77	100
CT	7	6	86	33	33	100
DE	3	4	133	9	9	100
FL	1,065	1,076	101	185	179	97
GA	657	685	104	113	105	93
HI	80	77	96	11	10	91
ID	545	552	101	185	178	96
IL	570	571	100	195	189	97
IN	345	380	110	155	145	94
IA	1,138	1,117	98	302	303	100
KS	1,325	1,335	101	98	95	97
KY	1,100	1,110	101	200	190	95
LA	570	551	97	80	79	99
ME	19	17	89	41	41	100
MD	53	55	104	106	102	96
MA	11	11	100	30	30	100
MI	107	106	99	343	338	99
MN	375	375	100	690	675	98
MS	707	700	99	63	60	95
MO	1,980	2,050	104	230	220	96
MT	1,376	1,466	107	24	24	100
NE	1,797	1,750	97	103	100	97
NV	290	297	102	20	18	90
NH	4	3	75	20	21	105
NJ	13	12	92	25	25	100
NM	571	537	94	89	93	104
NY	65	70	108	775	755	97
NC	389	417	107	101	98	97
ND	875	880	101	85	80	94
OH	370	370	100	340	330	97
OK	1,840	1,921	104	100	99	99
OR	600	590	98	100	100	100
PA	184	207	113	686	673	98
RI	1.4	1.3	93	2.2	2.2	100
SC	276	287	104	34	33	97
SD	1,493	1,508	101	137	132	96
TN	975	975	100	195	195	100
TX	5,310	5,475	103	390	375	96
UT	321	324	101	80	76	95
VT	14	12	86	164	163	99
VA	714	720	101	141	140	99
WA	375	402	107	241	238	99
WV	266	272	102	24	23	96
WI	175	175	100	1,765	1,675	95
WY	650	691	106	10	9	90
US	33,271	33,834	102	10,156	9,904	98

Cattle and Calves: Number by Class, January 1, 1991-92

State	Heifers 500 Pounds and Over					
	Beef Cow Replacement		Milk Cow Replacement		Other	
	1991	1992	1991	1992	1991	1992
	1,000 Head					
AL	140	158	14	16	51	66
AK	0.7	0.8	0.3	0.3	0.1	0.1
AZ	45	46	20	20	13	15
AR	135	140	23	22	46	48
CA	145	140	535	540	185	190
CO	143	150	30	35	587	635
CT	1	2	14	13	1	1
DE	1	1	3	4	1	2
FL	150	145	30	30	20	10
GA	98	104	44	44	43	46
HI	18	15	9	5	20	15
ID	100	95	90	85	160	195
IL	70	72	70	78	310	285
IN	50	47	65	71	100	92
IA	190	160	135	135	715	715
KS	194	225	38	40	1,051	1,055
KY	185	200	80	70	80	100
LA	92	94	21	22	20	15
ME	5	4	18	18	3	2
MD	12	13	41	41	11	12
MA	3	3	8	9	1	1
MI	29	30	158	159	38	45
MN	72	70	325	315	228	230
MS	121	128	21	23	20	24
MO	345	330	105	110	190	200
MT	323	350	8	8	168	202
NE	245	230	35	35	1,190	1,115
NV	40	40	8	7	32	33
NH	2	2	8	8		
NJ	2	3	13	11	1	2
NM	79	90	18	22	73	77
NY	22	25	322	312	36	44
NC	76	98	36	38	19	19
ND	130	140	30	30	140	180
OH	65	67	160	163	90	85
OK	300	280	35	35	555	480
OR	120	115	45	42	90	93
PA	43	45	280	295	47	48
RI	0.3	0.3	1.2	1.2		
SC	50	52	16	15	17	19
SD	207	235	34	35	389	420
TN	190	190	60	50	75	65
TX	880	900	100	80	1,120	1,320
UT	58	58	52	48	36	39
VT	3	3	49	47	1	1
VA	120	120	80	80	68	77
WA	82	75	110	125	115	130
WV	45	61	10	10	18	21
WI	33	35	810	795	90	80
WY	145	160	2	2	93	128
US	5,605	5,747	4,220	4,200	8,357	8,677

Cattle and Calves: Number by Class, January 1, 1991-92

State	Steers		Bulls		Calves	
	500 Pounds and Over		500 Pounds and Over		Under 500 Lbs.	
	1991	1992	1991	1992	1991	1992
	1,000 Head					
AL	95	112	65	63	475	475
AK	0.5	0.5	1.2	1.6	1.6	1.7
AZ	235	217	26	27	156	200
AR	71	84	53	50	445	425
CA	620	630	70	70	1,015	920
CO	812	930	48	50	280	250
CT	2	2	1	1	15	15
DE	6.8	4.7	.2	.3	4	6
FL	25	20	65	65	360	415
GA	60	69	45	47	360	370
HI	28	20	6	5	42	53
ID	340	365	40	40	280	250
IL	350	375	35	35	400	375
IN	180	190	25	25	305	330
IA	1,200	1,170	80	75	940	775
KS	2,120	1,995	68	75	806	830
KY	170	225	70	73	615	612
LA	23	15	34	34	180	190
ME	5	4	2	2	26	26
MD	35	30	4	4	58	58
MA	3	2	2	2	12	12
MI	268	252	17	18	240	252
MN	430	485	45	35	595	615
MS	43	45	49	50	266	320
MO	430	430	110	110	1,010	1,100
MT	182	220	79	85	170	195
NE	1,740	1,710	90	90	800	770
NV	40	53	15	16	95	106
NH	2	2	1	1	9	9
NJ	3	4	2	2	11	11
NM	208	244	40	37	262	300
NY	34	48	18	19	278	287
NC	50	45	29	30	250	255
ND	210	280	45	50	185	210
OH	215	220	38	35	302	330
OK	1,460	1,390	110	125	1,150	1,170
OR	166	163	39	42	320	275
PA	205	205	29	30	346	367
RI	0.4	0.4	0.1	0.1	1.4	1.5
SC	32	32	20	21	135	141
SD	590	640	71	78	479	502
TN	112	110	60	65	583	640
TX	2,600	2,700	400	410	2,500	2,340
UT	109	107	19	20	135	128
VT	3	3	3	3	43	43
VA	150	155	42	43	415	415
WA	230	251	27	29	160	200
WV	45	55	17	16	90	92
WI	315	285	32	35	950	920
WY	115	155	40	40	135	135
US	16,369	16,750	2,228	2,280	18,691	18,718

Calf Crop, 1990-91

State	1990	1991	1991 as % of 90
	----- 1,000 Head -----		Percent
AL	850	830	98
AK	2.8	2.8	100
AZ	280	300	107
AR	790	770	97
CA	1,750	1,700	97
CO	830	840	101
CT	37	34	92
DE	11	11	100
FL	1,000	980	98
GA	670	670	100
HI	78	68	87
ID	680	680	100
IL	640	610	95
IN	440	460	105
IA	1,300	1,310	101
KS	1,330	1,330	100
KY	1,200	1,210	101
LA	510	500	98
ME	58	50	86
MD	141	125	89
MA	34	33	97
MI	390	380	97
MN	1,040	1,030	99
MS	690	680	99
MO	2,030	2,040	100
MT	1,380	1,430	104
NE	1,730	1,680	97
NV	265	260	98
NH	22	22	100
NJ	32	32	100
NM	500	480	96
NY	780	770	99
NC	460	450	98
ND	970	960	99
OH	600	600	100
OK	1,820	1,900	104
OR	640	650	102
PA	780	770	99
RI	3.5	3.5	100
SC	245	245	100
SD	1,630	1,620	99
TN	1,075	1,070	100
TX	4,950	5,150	104
UT	350	330	94
VT	165	160	97
VA	795	805	101
WA	530	540	102
WV	265	265	100
WI	1,880	1,780	95
WY	600	640	107
US	39,249	39,256	100

Cattle and Calves - Number on Feed, January 1, 1991 - 1992

State	1991	1992	1992 as % of 1991
	1,000 Head		Percent
AZ	232	224	97
CA	420	380	90
CO	980	930	95
ID	290	280	97
IL	370	340	92
IA	1,030	880	85
KS	1,750	1,820	104
MN	340	310	91
NE	2,250	1,990	88
OK	330	340	103
SD	320	290	91
TX	2,330	2,180	94
WA	185	173	94
13 Sts	10,827	10,137	94
AL	25	25	100
AR	14	16	114
FL	10		
GA	16	18	113
HA	15	9	60
IN	220	210	95
KY	35	35	100
LA	8	9	113
MD	16	15	94
MI	230	210	91
MS	9	9	100
MO	105	90	86
MT	90	90	100
NV	45	45	100
NJ	2	2	100
NM	115	120	104
NY	25	30	120
NC	20	20	100
ND	50	65	130
OH	235	225	96
OR	90	85	94
PA	85	80	94
SC	18	18	100
TN	15	25	167
UT	52	50	96
VA	35	35	100
WV	12	14	117
WI	150	140	93
WY	50	105	210
Oth St 2/	8	15	188
US	12,627	11,947	95

1/ Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. Cattle and calves on feed are included in the cattle inventory estimates by classes.

2/ Other states for 1991 include AK, CT, DE, ME, MA, NH, RI, AND VT. In 1992, FL is also included in other states.

Number of Operations With Cattle and Beef Cows, 1990-91 1/

State	Operations With Cattle		Operations With Beef Cows <u>2/</u>	
	1990	1991	1990	1991
	Number			
AL	37,000	35,000	36,000	34,000
AK	150	140	80	70
AZ	4,600	4,500	2,700	2,500
AR	34,000	34,000	29,000	29,000
CA	29,000	28,000	18,000	17,000
CO	15,000	14,500	10,800	10,500
CT	1,600	1,600	1,000	1,000
DE	680	660	220	220
FL	21,000	20,000	18,000	18,000
GA	30,000	30,000	27,000	27,000
HI	900	900	850	850
ID	15,000	14,000	8,500	8,000
IL	33,000	33,000	22,000	22,000
IN	34,000	33,000	20,000	19,000
IA	49,000	45,000	31,000	29,000
KS	38,000	35,000	30,000	29,000
KY	57,000	55,000	46,000	45,000
LA	21,000	20,000	19,000	18,000
ME	3,000	2,900	1,800	1,800
MD	7,500	7,000	3,600	3,400
MA	2,100	2,200	1,200	1,300
MI	21,000	20,000	8,500	8,000
MN	40,000	37,000	15,000	16,000
MS	28,000	29,000	26,000	27,000
MO	82,000	80,000	67,000	65,000
MT	14,000	13,400	12,300	11,900
NE	31,000	30,000	24,000	23,000
NV	1,700	1,700	1,400	1,400
NH	1,200	1,100	600	600
NJ	2,000	2,000	1,000	1,100
NM	9,000	9,000	7,000	7,000
NY	22,000	21,000	8,000	7,600
NC	31,000	28,000	26,000	24,000
ND	16,300	16,300	14,000	14,500
OH	43,000	42,000	23,000	23,000
OK	62,000	62,000	51,000	51,000
OR	23,000	23,000	17,000	17,000
PA	38,000	35,000	15,000	14,000
RI	260	270	170	180
SC	16,000	15,000	14,000	13,500
SD	23,000	23,000	18,500	18,500
TN	68,000	67,000	59,000	57,000
TX	136,000	133,000	120,000	119,000
UT	7,800	7,600	5,000	4,800
VT	4,400	4,300	1,400	1,400
VA	34,000	33,000	27,000	26,000
WA	21,000	21,000	15,000	15,000
WV	17,500	16,000	14,500	14,000
WI	56,000	54,000	9,700	10,000
WY	5,900	5,400	5,100	4,800
US	1,288,590	1,246,470	932,920	912,920

1/ An operation is any place having one or more head of the species on hand at any time during the year. 2/ Included in operations with cattle.

Number of Operations With Milk Cows 1990-91 1/

State	Operations With Milk Cows 2/	
	1990	1991
	Number	
AL	1,200	1,200
AK	40	30
AZ	500	500
AR	2,000	2,000
CA	4,500	4,200
CO	1,700	1,600
CT	500	500
DE	160	160
FL	1,200	1,000
GA	1,500	1,400
HI	80	80
ID	2,200	1,900
IL	3,700	3,000
IN	5,000	4,800
IA	7,800	7,000
KS	2,400	2,300
KY	6,500	5,500
LA	2,100	1,800
ME	1,000	900
MD	1,800	1,600
MA	700	700
MI	6,500	6,000
MN	15,500	15,000
MS	1,500	1,300
MO	8,000	7,500
MT	1,900	1,800
NE	3,300	3,200
NV	300	300
NH	400	400
NJ	450	450
NM	1,200	1,300
NY	13,000	12,200
NC	2,000	1,500
ND	2,300	2,100
OH	9,000	8,900
OK	3,400	3,000
OR	2,100	1,900
PA	15,500	14,500
RI	50	50
SC	1,200	800
SD	3,600	3,300
TN	4,500	4,000
TX	5,700	5,300
UT	1,500	1,400
VT	2,700	2,600
VA	3,000	3,000
WA	3,000	3,000
WV	2,000	2,000
WI	33,000	32,000
WY	700	600
US	193,880	181,570

1/ An operation is any place having one or more milk cows on hand during the year, excluding cows used to nurse calves. 2/ Included in operations with cattle.

All Cattle and Calves: Number, Value per Head, and Total Value,
January 1, 1991-92

State	Number		Value per Head		Total Value	
	1991	1992	1991	1992	1991	1992
	-- 1,000 Head --		-- Dollars --		--- 1,000 Dollars ---	
AL	1,800	1,800	545	530	981,000	954,000
AK	8.0	8.5	625	610	5,000	5,185
AZ	840	900	620	595	520,800	535,500
AR	1,690	1,710	560	565	946,400	966,150
CA	4,600	4,500	735	735	3,381,000	3,307,500
CO	2,750	2,950	710	640	1,952,500	1,888,000
CT	74	73	735	725	54,390	52,925
DE	28	31	760	710	21,280	22,010
FL	1,900	1,940	605	615	1,149,500	1,193,100
GA	1,420	1,470	550	540	781,000	793,800
HI	214	200	460	435	98,440	87,000
ID	1,740	1,760	680	645	1,183,200	1,135,200
IL	2,000	1,980	655	625	1,310,000	1,237,500
IN	1,225	1,280	620	605	759,500	774,400
IA	4,700	4,450	670	615	3,149,000	2,736,750
KS	5,700	5,650	620	600	3,534,000	3,390,000
KY	2,500	2,580	610	565	1,525,000	1,457,700
LA	1,020	1,000	575	600	586,500	600,000
ME	119	114	685	675	81,515	76,950
MD	320	315	770	740	246,400	233,100
MA	70	70	725	725	50,750	50,750
MI	1,200	1,200	750	735	900,000	882,000
MN	2,760	2,800	695	655	1,918,200	1,834,000
MS	1,290	1,350	535	550	690,150	742,500
MO	4,400	4,550	615	575	2,706,000	2,616,250
MT	2,330	2,550	755	720	1,759,150	1,836,000
NE	6,000	5,800	685	635	4,110,000	3,683,000
NV	540	570	630	610	340,200	347,700
NH	46	46	740	730	34,040	33,580
NJ	70	70	795	845	55,650	59,150
NM	1,340	1,400	615	620	824,100	868,000
NY	1,550	1,560	795	795	1,232,250	1,240,200
NC	950	1,000	570	515	541,500	515,000
ND	1,700	1,850	735	685	1,249,500	1,267,250
OH	1,580	1,600	690	650	1,090,200	1,040,000
OK	5,550	5,500	550	560	3,052,500	3,080,000
OR	1,480	1,420	640	595	947,200	844,900
PA	1,820	1,870	770	765	1,401,400	1,430,550
RI	7.0	7.0	675	665	4,725	4,655
SC	580	600	530	530	307,400	318,000
SD	3,400	3,550	720	655	2,448,000	2,325,250
TN	2,250	2,290	560	530	1,260,000	1,213,700
TX	13,300	13,600	630	605	8,379,000	8,228,000
UT	810	800	670	660	542,700	528,000
VT	280	275	820	840	229,600	231,000
VA	1,730	1,750	590	580	1,020,700	1,015,000
WA	1,340	1,450	735	705	984,900	1,022,250
WV	515	550	545	585	280,675	321,750
WI	4,170	4,000	765	770	3,190,050	3,080,000
WY	1,190	1,320	710	690	844,900	910,800
US	98,896	100,110	654	629	64,661,865	63,016,005

Cattle and Calves: Number by Class and Calf Crop, United States,
July 1, 1989-91

Class	1989	1990	1991	1991 as % 1990
		1,000 Head		Percent
Cattle and Calves	107,700	107,400	109,200	102
Cows and Heifers That Have Calved:	43,900	44,000	44,500	101
Beef Cows	33,800	33,900	34,500	102
Milk Cows	10,100	10,100	10,000	99
Heifers 500 Pounds and Over For Beef Cow Replacement	16,600	16,400	17,000	104
For Beef Cow Replacement	4,900	5,100	5,300	104
For Milk Cow Replacement	4,500	4,200	4,200	100
Other Heifers	7,200	7,100	7,500	106
Steers 500 Pounds and Over	14,400	14,500	15,100	104
Bulls 500 Pounds and Over	2,200	2,200	2,200	100
Calves Under 500 Pounds	30,600	30,300	30,400	100
Calf Crop	40,102	39,249	39,256	100

Calf Crop: Number and Percent of Total, by Six Month Period
United States, 1989-91

Period	1989		1990		1991	
	Number (000)	% of total	Number (000)	% of Total	Number (000)	% of Total
Jan 1 - Jun 30	29,200	72.8	28,700	73.1	28,700	73.1
Jul 1 - Dec 31	10,902	27.2	10,549	26.9	10,556	26.9
Total <u>1/</u>	40,102	100.0	39,249	100.0	39,256	100.0

United States Balance Sheet Cattle and Calves
January 1 - June 30

Item	1989	1990	1991
		Million Head	
January 1 Inventory	98.1	98.2	98.9
Calf Crop and Imports	30.0	29.8	29.9
Total Supply <u>1/</u>	128.1	128.0	128.8
Slaughter	18.1	17.7	17.0
Deaths and Exports	2.6	2.5	2.5
Total Disappearance <u>1/</u>	20.7	20.2	19.5
Residual <u>1/</u>	.3	-.4	-.1
July 1 Inventory	107.7	107.4	109.2

1/ Totals may not add due to rounding.

Cattle and Calves: Value per Head and Total Value, United States,
January 1, 1990-92

Class	Value per Head			Total Value		
	1990	1991	1992	1990	1991	1992
	---- Dollars ----			----- 1,000 Dollars -----		
Cattle and Calves:	614	654	629	60,285,432	64,661,865	63,016,005

Reliability of January 1 Cattle and Calves Estimates

Survey Procedures: A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all cattle 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 77,000 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.

Estimating Procedures: These cattle estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from the previous year using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve year to year relationships. Estimates for the previous year are subject to revision when current estimates are made. The reviews are primarily based on livestock slaughter and additional foreign trade and survey data. 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.

Reliability: Since all cattle 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 estimates in this report, the "Root Mean Square Error" is shown below 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 final estimates. The "Root Mean Square Error" for cattle inventory estimates over the past 15 years is 0.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 100.1 million head by more than 0.6 percent, or about 600,000 head. Chances are 9 out of 10 that the difference will not exceed 1.0 percent, or about 1.00 million head (the 90 percent confidence level).

The table below also shows a 15 year record of the range of differences between first and final estimates for selected items. Using estimates of all cattle and calves as an example, changes between the first inventory estimate and the final estimate during the past 15 years have averaged 281,000 head, ranging from 0 to 1,419,000 head. During this period the initial inventory estimate has been below the final estimate 4 times and above the final estimate 10 times. This does not imply that the January 1 estimate is likely to understate or overstate final inventory.

Reliability of January 1 Cattle Estimates

Item	Root Mean Square Error <u>1/</u>	90% Confidence Level	Difference Between First and Final Estimates <u>2/</u>			Number of Years	
			Average	Smallest	Largest	First Above Final	First Below Final
	-- Percent ---		----- 1,000 Head -----			Number	
All Cattle	0.6	1.0	-281	0	-1,419	10	<u>3/4</u>
All Cows	0.6	1.0	-127	9	-550	10	5
Calf Crop	0.9	1.5	-214	5	-844	13	2

- 1/ Based on data from January 1977 through January 1991.
- 2/ Based on records for the past 15 years.
- 3/ There was no change from first to final estimates of All Cattle in 1 of the 15 years represented.

The next "Cattle" report will be released on July 24, 1992, at 3:00 p.m. ET.

Index

Subject	Page
All Cattle and All Cows Inventory, by State, January 1, 1991-92	4
All Cattle and Beef Cow Operations, by State, 1990-91	10
All Cattle and Calves Value Per Head and Total Value, by State, January 1, 1991-92	12
Beef Cow and Milk Cow Inventory, by State, January 1, 1991-92	5
Beef Replacement, Milk Replacement and Other Heifers Inventory, by State, January 1, 1991-92	6
Calf Crop by Six Month Period, 1989-91	13
Calf Crop, by State, 1990-91	8
Cattle on Feed, by State, 1990-91	9
Highlights, U.S. Cattle Inventory, January 1	1
Milk Cow Operations, by State, 1990-91	11
Reliability Statement	14
Steers, Bulls and Calves Under 500 Lbs. Inventory, by State, January 1, 1991-92	7
U.S. Balance Sheet, January 1, 1989-91	3
U.S. Balance Sheet, January 1-June 30, 1989-91	13
U.S. Cattle and Calves Value Per Head and Total Value 1990-92	14
U.S. Class Inventories, January 1, 1989-91	3
U.S. Class Inventories, July 1, 1989-91	13

