
Cattle



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Board

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ALL CATTLE AND CALVES in the United States as of January 1, 1989, totaled 99.5 million head, down fractionally from January 1, 1988, and 2 percent below the 102 million two years ago, according to the Agricultural Statistics Board. This slowed the recent downward trend in cattle inventories that began six years ago and was the second consecutive inventory below 100 million since 1961.

All cows and heifers that have calved, at 43.9 million, were up 1 percent from 43.4 million a year ago, but down 1 percent from 44.3 million two years ago. This was the first increase in all cows and heifers that have calved following 6 consecutive years of decline.

- Beef cows, at 33.7 million, were 2 percent above January 1, 1988 but fractionally below 2 years ago.
- Milk cows, at 10.2 million, were 1 percent below January 1, 1988, 3 percent below two years ago and the lowest inventory since 1872.

Other class estimates on January 1, 1989, and the changes from January 1 last year and two years ago, respectively, are as follows:

- All heifers 500 pounds and over, 17.3 million, up 1 percent and 2 percent.
- Beef replacement heifers, 5.51 million, up 5 percent and 7 percent.
- Milk replacement heifers, 4.20 million, up 2 percent and down 3 percent.
- Other heifers, 7.63 million, down 2 percent and up 1 percent.
- Steers weighing 500 pounds and over, 15.8 million, up fractionally and up 3 percent.
- Bulls weighing 500 pounds and over, 2.22 million, up 3 percent and 1 percent.
- Calves under 500 pounds, 20.2 million, down 4 percent and 13 percent.
- All cattle and calves on feed for slaughter, 11.2 million, down 3 percent and up 2 percent.

CALF CROP UP 2 PERCENT

The 1988 calf crop was estimated at 40.9 million, up 2 percent from 1987, but down 1 percent from 1986. The estimated calf crop is up 2 percent from the expected number published last July. Calves born during the first half of the year were estimated at 71.9 percent of the annual total.

RELIABILITY AND ESTIMATING PROCEDURES

Primary data used in making cattle estimates in this report were obtained from a sample of farmers and ranchers across the U.S. using probability surveys. These surveys included information from a list sample of 57,500 agricultural producers plus additional information from operators of about 8,500 small land area tracts. Information was collected by mail, telephone and personal interview. Since all operations with cattle were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, is 1.43 percent of the total cattle and calves at the national level. This means, that chances are approximately 95 out of 100 that the survey estimate will be within three percent of the complete coverage value if the same procedures were used to survey all producers. The sampling variability for all cows has a standard error of 1.70 percent while the calf crop has a standard error of 1.77 percent. The relative standard error for the other individual classes ranges from 1.6 to 4.9 percent.

Survey estimates are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

In setting the inventory estimates, the Agricultural Statistics Board used survey estimates of inventory numbers, births and deaths. These survey estimates were combined with reliable check data from other sources on slaughter, imports and exports to construct a national balance sheet (on page 3), which provides an additional check on survey inventory estimates.

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CATTLE AND CALVES: NUMBER BY CLASS AND CALF CROP, UNITED STATES
JANUARY 1, 1987-89

CLASS	1987	1988	1989	1989 AS % OF 1988
	1,000 HEAD			PERCENT
CATTLE AND CALVES	102,000	99,524	99,484	100
COWS AND HEIFERS THAT HAVE CALVED	44,282	43,411	43,887	101
BEEF COWS	33,779	33,112	33,669	102
MILK COWS	10,502	10,298	10,217	99
HEIFERS 500 POUNDS AND OVER	17,056	17,148	17,331	101
FOR BEEF COW REPLACEMENT	5,164	5,227	5,505	105
FOR MILK COW REPLACEMENT	4,331	4,116	4,199	102
OTHER HEIFERS	7,561	7,805	7,627	98
STEERS 500 POUNDS AND OVER	15,304	15,732	15,798	100
BULLS 500 POUNDS AND OVER	2,204	2,163	2,221	103
CALVES UNDER 500 POUNDS	23,154	21,070	20,248	96
	1986	1987	1988	1988 AS % OF 1987
CALF CROP	41,141	40,086	40,872	102

UNITED STATES BALANCE SHEET
CATTLE AND CALVES
1986 - 1988 1/

ITEM	1986	1987	1988
	MILLION HEAD		
JANUARY 1 INVENTORY	105.5	102.0	99.5
CALF CROP AND IMPORTS	42.5	41.3	42.2
TOTAL SUPPLY 2/	148.0	143.3	141.8
SLAUGHTER	41.0	38.8	37.8
DEATHS AND EXPORTS	5.1	4.9	5.0
TOTAL DISAPPEARANCE 2/	46.2	43.7	42.8
RESIDUAL 2/	+ .1	0	+ .5
JANUARY 1 INVENTORY (END OF YEAR)	102.0	99.5	99.5

1/ FINAL 1987 AND PRELIMINARY 1988 ESTIMATES WILL BE PUBLISHED IN MEAT ANIMALS - PRODUCTION, DISPOSITION AND INCOME, APRIL 1989. 2/ TOTALS MAY NOT ADD DUE TO ROUNDING.

CATTLE AND CALVES: TOTAL AND NUMBER BY CLASS
JANUARY 1, 1988-89

STATE	ALL CATTLE AND CALVES			ALL COWS THAT HAVE CALVED		
	1988	1989	1989 AS % OF 1988	1988	1989	1989 AS % OF 1988
	1,000 HEAD		PERCENT	1,000 HEAD		PERCENT
ALA	1,750	1,800	103	930	940	101
ALAS	9.5	9.2	97	4.8	4.4	92
ARIZ	960	880	92	350	355	101
ARK	1,850	1,750	95	1,017	1,000	98
CALIF	4,650	4,700	101	1,920	1,950	102
COLO	2,700	2,750	102	850	850	100
CONN	77	73	95	42	40	95
DEL	29	29	100	11	12	109
FLA	1,970	2,025	103	1,265	1,330	105
GA	1,520	1,500	99	805	804	100
HAW	199	208	105	85	89	105
IDAHO	1,570	1,620	103	670	690	103
ILL	2,050	1,950	95	735	720	98
IND	1,360	1,290	95	560	530	95
IOWA	4,650	4,750	102	1,500	1,575	105
KANS	5,860	5,900	101	1,570	1,554	99
KY	2,450	2,500	102	1,235	1,275	103
LA	1,125	1,075	96	702	670	95
MAINE	113	105	93	55	52	95
MD	320	328	103	166	169	102
MASS	70	70	100	43	40	93
MICH	1,225	1,225	100	488	470	96
MINN	2,900	2,940	101	1,200	1,200	100
MISS	1,350	1,390	103	774	780	101
MO	4,400	4,500	102	2,155	2,230	103
MONT	2,350	2,350	100	1,300	1,349	104
NEBR	5,450	5,400	99	1,780	1,800	101
NEV	500	490	98	265	250	94
N H	55	55	100	28	27	96
N J	80	75	94	42	41	98
N MEX	1,320	1,350	102	586	641	109
N Y	1,702	1,584	93	956	913	96
N C	825	850	103	425	450	106
N DAK	1,800	1,600	89	970	920	95
OHIO	1,820	1,760	97	780	752	96
OKLA	5,100	5,200	102	1,975	2,000	101
OREG	1,360	1,390	102	641	667	104
PA	1,920	1,920	100	930	935	101
R I	7.0	6.0	86	3.7	3.2	86
S C	620	610	98	327	327	100
S DAK	3,500	3,480	99	1,595	1,650	103
TENN	2,300	2,300	100	1,190	1,240	104
TEX	13,600	13,700	101	5,600	5,800	104
UTAH	760	770	101	391	389	99
VT	297	297	100	179	182	102
VA	1,700	1,670	98	835	805	96
WASH	1,290	1,300	101	570	575	101
W VA	490	500	102	279	271	97
WIS	4,230	4,130	98	1,990	1,890	95
WYO	1,290	1,330	103	640	680	106
U S	99,524	99,484	100	43,411	43,887	101

CATTLE AND CALVES: NUMBER BY CLASS
JANUARY 1, 1988-89

STATE	BEEF COWS THAT HAVE CALVED			MILK COWS THAT HAVE CALVED		
	1988	1989	1989 AS % OF 1988	1988	1989	1989 AS % OF 1988
	1,000 HEAD		PERCENT	1,000 HEAD		PERCENT
ALA	890	901	101	40	39	98
ALAS	2.5	2.5	100	2.3	1.9	83
ARIZ	260	263	101	90	92	102
ARK	948	932	98	69	68	99
CALIF	915	925	101	1,005	1,025	102
COLO	777	775	100	73	75	103
CONN	5	5	100	37	35	95
DEL	2	3	150	9	9	100
FLA	1,086	1,148	106	179	182	102
GA	703	700	100	102	104	102
HAW	73	77	105	12	12	100
IDAHO	510	520	102	160	170	106
ILL	525	520	99	210	200	95
IND	370	350	95	190	180	95
IOWA	1,201	1,265	105	299	310	104
KANS	1,466	1,450	99	104	104	100
KY	1,017	1,060	104	218	215	99
LA	615	582	95	87	88	101
MAINE	8	9	113	47	43	91
MD	53	60	113	113	109	96
MASS	10	10	100	33	30	91
MICH	130	125	96	358	345	96
MINN	390	390	100	810	810	100
MISS	706	712	101	68	68	100
MO	1,931	2,004	104	224	226	101
MONT	1,275	1,324	104	25	25	100
NEBR	1,680	1,697	101	100	103	103
NEV	246	231	94	19	19	100
N H	5	6	120	23	21	91
N J	11	11	100	31	30	97
N MEX	527	578	110	59	63	107
N Y	112	102	91	844	811	96
N C	320	343	107	105	107	102
N DAK	874	832	95	96	88	92
OHIO	412	385	93	368	367	100
OKLA	1,867	1,893	101	108	107	99
OREG	547	573	105	94	94	100
PA	206	216	105	724	719	99
R I	0.8	0.8	100	2.9	2.4	83
S C	288	286	99	39	41	105
S DAK	1,448	1,506	104	147	144	98
TENN	986	1,038	105	204	202	99
TEX	5,260	5,445	104	340	355	104
UTAH	318	315	99	73	74	101
VT	9	12	133	170	170	100
VA	690	663	96	145	142	98
WASH	359	359	100	211	216	102
W VA	248	245	99	31	26	84
WIS	200	150	75	1,790	1,740	97
WYO	630	670	106	10	10	100
U S	33,112	33,669	102	10,298	10,217	99

CATTLE AND CALVES: NUMBER BY CLASS
JANUARY 1, 1988-89

STATE	HEIFERS 500 POUNDS AND OVER					
	BEEF COW REPLACEMENT :		MILK COW REPLACEMENT :		OTHER	
	1988	1989	1988	1989	1988	1989
	1,000 HEAD					
ALA	135	142	12	14	53	54
ALAS	0.6	0.6	0.7	0.6	0.1	0.1
ARIZ	51	49	19	20	14	12
ARK	144	145	30	25	46	45
CALIF	155	145	475	485	160	190
COLO	120	140	32	30	613	590
CONN	1	1	14	14	1	1
DEL	1	1	2	2	1	1
FLA	155	130	30	40	20	10
GA	105	105	38	40	57	50
HAW	15	14	5	4	19	18
IDAHO	90	95	68	67	132	135
ILL	55	85	95	80	355	310
IND	50	45	85	80	110	115
IOWA	160	170	128	120	595	615
KANS	206	202	41	41	923	917
KY	149	151	77	80	98	104
LA	98	96	26	25	20	19
MAINE	3	3	19	19	1	3
MD	13	17	44	43	9	7
MASS	2	3	8	9	1	1
MICH	29	33	161	157	43	40
MINN	63	68	342	370	230	210
MISS	121	129	24	26	19	25
MO	265	285	95	90	180	210
MONT	255	296	7	7	156	148
NEBR	200	205	30	30	960	960
NEV	34	44	7	7	14	16
N H	1	2	10	10	1	0.0
N J	3	2	12	12	2	2
N MEX	91	110	18	16	80	64
N Y	26	25	291	296	61	32
N C	50	63	34	37	21	19
N DAK	143	130	26	21	144	97
OHIO	65	70	165	176	100	97
OKLA	255	300	35	35	480	455
OREG	97	110	44	44	85	84
PA	39	39	292	290	48	51
R I	0.3	0.3	1.2	1.1	0.0	0.0
S C	50	49	16	15	19	18
S DAK	224	230	42	38	368	358
TENN	165	150	75	80	45	45
TEX	920	970	100	120	1,090	1,100
UTAH	51	56	35	39	42	44
VT	2	2	52	53	1	3
VA	95	100	85	80	60	60
WASH	72	83	80	104	133	105
W VA	35	35	10	10	27	25
WIS	41	30	775	795	80	57
WYO	126	149	3	1	88	105
U S	5,227	5,505	4,116	4,199	7,805	7,627

CATTLE AND CALVES: NUMBER BY CLASS
JANUARY 1, 1988-89

STATE	STEERS		BULLS		CALVES	
	500 POUNDS AND OVER		500 POUNDS AND OVER		UNDER 500 LBS.	
	1988	1989	1988	1989	1988	1989
	1,000 HEAD					
ALA	100	95	60	60	460	495
ALAS	0.4	0.5	1.1	1.1	1.8	1.9
ARIZ	299	262	27	26	200	156
ARK	95	80	61	55	457	400
CALIF	850	855	70	70	1,020	1,005
COLO	730	790	45	45	310	305
CONN	2	2	1	1	16	14
DEL	7	6	1	1	6	6
FLA	30	20	70	72	400	423
GA	75	74	50	50	390	377
HAW	22	21	5	5	48	57
IDAHO	265	281	30	32	315	320
ILL	360	350	40	35	410	370
IND	195	195	25	25	335	300
IOWA	1,098	1,150	80	80	1,089	1,040
KANS	1,850	1,971	70	73	1,200	1,142
KY	220	200	71	73	600	617
LA	27	26	37	34	215	205
MAINE	5	4	2	2	28	22
MD	22	21	5	7	61	64
MASS	3	4	1	1	12	12
MICH	203	238	16	17	285	270
MINN	409	435	36	42	620	615
MISS	45	55	50	50	317	325
MO	460	440	100	110	1,145	1,135
MONT	254	233	72	75	306	242
NEBR	1,440	1,390	80	85	960	930
NEV	28	30	14	13	138	130
N H	2	2	1	1	12	13
N J	4	5	2	2	15	11
N MEX	220	234	37	35	288	250
N Y	43	33	19	17	306	268
N C	47	35	26	26	222	220
N DAK	216	157	46	45	255	230
OHIO	250	241	40	40	420	384
OKLA	1,030	1,110	100	105	1,225	1,195
OREG	166	185	32	35	295	265
PA	197	194	30	31	384	380
R I	0.4	0.2	0.1	0.1	1.3	1.1
S C	38	36	23	22	147	143
S DAK	497	494	70	73	704	637
TENN	140	125	60	60	625	600
TEX	2,780	2,700	390	410	2,720	2,600
UTAH	90	94	18	21	133	127
VT	4	4	3	3	56	50
VA	200	180	40	40	385	405
WASH	233	233	22	25	180	175
W VA	38	52	14	17	87	90
WIS	295	300	34	33	1,015	1,025
WYO	147	155	36	40	250	200
U.S.	15,732	15,798	2,163	2,221	21,070	20,248

CATTLE AND CALVES - NUMBER ON FEED, JANUARY 1, 1988-89 1/

STATE	1988	1989	1989 AS % OF 1988
	1,000 HEAD		PERCENT
ARIZ	351	275	78
CALIF	435	485	111
COLO	940	885	94
IDAHO	195	238	122
ILL	380	340	89
IOWA	650	640	98
KANS	1,440	1,460	101
MINN	310	310	100
NEBR	2,000	1,950	98
OKLA	320	305	95
S DAK	300	260	87
TEXAS	2,250	2,070	92
WASH	198	190	96
13 STS	9,769	9,408	96
ALA	30	40	133
ARK	12	12	100
FLA	20	15	75
GA	12	15	125
HAW	18	23	128
IND	210	230	110
KY	25	25	100
LA	9	9	100
MD	14	12	86
MICH	200	210	105
MISS	14	12	86
MO	110	95	86
MONT	80	90	113
NEV	28	29	104
N J	3	3	100
N MEX	154	130	84
N Y	22	19	86
N C	25	23	92
N DAK	45	40	89
OHIO	200	200	100
OREG	95	91	96
PA	75	75	100
S C	20	20	100
TENN	30	20	67
UTAH	45	48	107
VA	40	40	100
W VA	5	10	200
WIS	110	100	91
WYO	100	109	109
OTH STS	7	7	100
2/			
U S	11,527	11,160	97

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 INCLUDES ALASKA, CONNECTICUT, DELAWARE, MAINE, MASSACHUSETTS, NEW HAMPSHIRE, RHODE ISLAND AND VERMONT.

CALF CROP, 1987-88

STATE	1987	1988	1988 AS % OF 87
	1,000 HEAD		PERCENT
ALA	800	810	101
ALAS	3.9	3.3	85
ARIZ	295	300	102
ARK	910	860	95
CALIF	1,710	1,850	108
COLO	790	800	101
CONN	40	36	90
DEL	11	11	100
FLA	1,040	1,100	106
GA	730	710	97
HAW	71	76	107
IDAHO	640	660	103
ILL	610	610	100
IND	515	490	95
IOWA	1,490	1,540	103
KANS	1,490	1,490	100
KY	1,150	1,200	104
LA	570	560	98
MAINE	51	51	100
MD	155	160	103
MASS	46	37	80
MICH	460	450	98
MINN	1,180	1,190	101
MISS	680	690	101
MO	2,000	2,050	103
MONT	1,280	1,350	105
NEBR	1,650	1,680	102
NEV	235	225	96
N H	25	27	108
N. J	36	34	94
N MEX	490	520	106
N Y	880	860	98
N C	400	415	104
N DAK	960	950	99
OHIO	710	695	98
OKLA	1,850	1,925	104
OREG	599	625	104
PA	860	880	102
R I	3.3	3.3	100
S C	275	275	100
S DAK	1,600	1,650	103
TENN	1,100	1,130	103
TEX	5,050	5,250	104
UTAH	350	352	101
VT	160	181	113
VA	810	770	95
WASH	525	530	101
W VA	240	240	100
WIS	1,940	1,910	98
WYO	620	660	106
U S	40,086	40,872	102

NUMBER OF OPERATIONS WITH CATTLE AND BEEF COWS, 1987-88 1/

STATE	OPERATIONS WITH CATTLE		OPERATIONS WITH BEEF COWS 2/	
	1987	1988	1987	1988
	NUMBER			
ALA	40,000	39,000	39,000	38,000
ALAS	180	170	100	90
ARIZ	5,000	4,800	2,900	2,800
ARK	34,000	34,000	29,000	29,000
CALIF	33,000	33,000	20,000	20,000
COLO	15,500	15,000	11,500	11,000
CONN	1,800	1,800	800	800
DEL	700	680	340	270
FLA	21,000	21,000	18,000	18,000
GA	34,000	33,000	30,000	29,000
HAW	800	800	750	750
IDAHO	17,000	17,000	9,000	9,000
ILL	38,000	36,000	23,000	22,000
IND	41,000	38,000	21,000	20,000
IOWA	61,000	61,000	35,000	35,000
KANS	43,000	42,000	33,000	33,000
KY	60,000	59,000	47,000	47,000
LA	24,000	23,500	21,500	21,000
MAINE	3,300	3,200	1,400	1,300
MD	7,900	7,900	4,200	4,200
MASS	2,200	2,100	1,600	1,500
MICH	26,000	24,000	9,500	9,000
MINN	46,000	43,000	16,000	16,000
MISS	31,000	30,000	29,000	28,000
MO	92,000	87,000	73,000	70,000
MONT	15,700	15,700	14,000	14,000
NEBR	33,000	32,000	23,000	23,000
NEV	1,700	1,700	1,300	1,300
N H	1,600	1,500	900	900
N J	2,000	2,000	1,500	1,500
N MEX	9,000	9,000	7,000	7,000
N Y	25,000	24,000	9,000	8,800
N C	34,000	34,000	28,000	27,000
N DAK	16,000	15,600	13,700	13,400
OHIO	43,000	42,000	25,200	24,300
OKLA	64,000	62,000	52,000	51,000
OREG	26,000	25,000	19,500	19,000
PA	46,000	44,000	18,000	17,500
R I	290	290	120	120
S C	17,000	17,000	15,000	14,500
S DAK	24,000	23,000	19,000	18,500
TENN	70,000	68,000	60,000	58,000
TEX	146,000	144,000	127,000	127,000
UTAH	8,600	8,500	5,400	5,400
VT	4,900	4,800	1,500	1,600
VA	38,000	37,000	30,000	29,000
WASH	22,000	23,000	17,000	17,500
W VA	16,500	16,000	13,600	13,300
WIS	60,000	58,000	10,000	10,300
WYO	5,400	5,600	4,400	4,300
U S	1,408,070	1,370,640	992,710	974,930

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 1987-88 1/

STATE	OPERATIONS WITH MILK COWS 2/	
	1987	1988
	NUMBER	
ALA	1,300	1,300
ALAS	60	60
ARIZ	800	750
ARK	2,000	2,000
CALIF	5,000	4,900
COLO	2,000	1,800
CONN	700	700
DEL	200	180
FLA	1,200	1,200
GA	1,700	1,700
HAW	90	90
IDAHO	3,200	2,800
ILL	5,000	4,600
IND	6,400	5,700
IOWA	9,500	9,000
KANS	2,600	2,600
KY	7,500	7,000
LA	2,800	2,800
MAINE	1,400	1,300
MD	2,000	2,000
MASS	800	800
MICH	7,000	7,000
MINN	19,000	17,000
MISS	1,900	1,900
MO	9,500	9,000
MONT	2,500	2,300
NEBR	4,100	3,900
NEV	400	400
N H	600	600
N J	550	500
N MEX	1,200	1,200
N Y	14,500	14,200
N C	3,800	3,500
N DAK	2,500	2,400
OHIO	10,100	9,500
OKLA	4,000	3,800
OREG	3,400	2,900
PA	18,500	17,500
R I	100	100
S C	1,900	2,000
S DAK	4,600	4,000
TENN	6,200	5,600
TEX	6,500	6,500
UTAH	2,000	1,900
VT	3,200	3,000
VA	4,500	4,500
WASH	3,000	3,000
W VA	2,900	2,700
WIS	37,000	36,000
WYO	700	700
U S	232,400	220,880

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, 1988-89

STATE	NUMBER		VALUE PER HEAD		TOTAL VALUE	
	1988	1989	1988	1989	1988	1989
	1,000 HEAD		DOLLARS		1,000 DOLLARS	
ALA	1,750	1,800	405	480	708,750	864,000
ALAS	9.5	9.2	655	620	6,223	5,704
ARIZ	960	880	500	565	480,000	497,200
ARK	1,850	1,750	430	495	795,500	866,250
CALIF	4,650	4,700	630	695	2,929,500	3,266,500
COLO	2,700	2,750	565	710	1,525,500	1,952,500
CONN	77	73	625	665	48,125	48,545
DEL	29	29	630	660	18,270	19,140
FLA	1,970	2,025	480	550	945,600	1,113,750
GA	1,520	1,500	445	510	676,400	765,000
HAW	199	208	410	390	81,590	81,120
IDAHO	1,570	1,620	570	600	894,900	972,000
ILL	2,050	1,950	550	605	1,127,500	1,179,750
IND	1,360	1,290	505	585	686,800	754,650
IOWA	4,650	4,750	540	605	2,511,000	2,873,750
KANS	5,860	5,900	475	645	2,783,500	3,805,500
KY	2,450	2,500	475	530	1,163,750	1,325,000
LA	1,125	1,075	455	505	511,875	542,875
MAINE	113	105	555	625	62,715	65,625
MD	320	328	660	680	211,200	223,040
MASS	70	70	625	655	43,750	45,850
MICH	1,225	1,225	610	625	747,250	765,625
MINN	2,900	2,940	600	665	1,740,000	1,955,100
MISS	1,350	1,390	425	485	573,750	674,150
MO	4,400	4,500	495	550	2,178,000	2,475,000
MONT	2,350	2,350	595	650	1,398,250	1,527,500
NEBR	5,450	5,400	510	640	2,779,500	3,456,000
NEV	500	490	505	545	252,500	267,050
N H	55	55	585	620	32,175	34,100
N J	80	75	675	755	54,000	56,625
N MEX	1,320	1,350	480	605	633,600	816,750
N Y	1,702	1,584	665	735	1,131,30	1,164,240
N C	825	850	455	495	375,375	420,750
N DAK	1,800	1,600	595	650	1,071,000	1,040,000
OHIO	1,820	1,760	550	620	1,001,000	1,091,200
OKLA	5,100	5,200	445	545	2,269,500	2,834,000
OREG	1,360	1,390	540	590	734,400	820,100
PA	1,920	1,920	665	690	1,276,800	1,324,800
R I	7.0	6.0	605	645	4,235	3,870
S C	620	610	440	470	272,800	286,700
S DAK	3,500	3,480	555	630	1,942,500	2,192,400
TENN	2,300	2,300	465	515	1,069,500	1,184,500
TEX	13,600	13,700	470	605	6,392,000	8,288,500
UTAH	760	770	545	645	414,200	496,650
VT	297	297	640	700	190,080	207,900
VA	1,700	1,670	465	520	790,500	868,400
WASH	1,290	1,300	610	665	786,900	864,500
W VA	490	500	440	495	215,600	247,500
WIS	4,230	4,130	655	705	2,770,650	2,911,650
WYO	1,290	1,330	570	640	735,300	851,200
U S	99,524	99,484	523	607	52,045,643	60,394,509

CATTLE AND CALVES: NUMBER BY CLASS, UNITED STATES,
JULY 1, 1986 - 1988

CLASS	1986	1987	1988	1988 AS % OF 1987
	1,000 HEAD			PERCENT
CATTLE AND CALVES	112,200	109,500	108,500	99
COWS AND HEIFERS THAT HAVE CALVED	45,000	44,400	44,300	100
BEEF COWS	34,150	34,000	34,050	100
MILK COWS	10,850	10,400	10,250	99
HEIFERS 500 POUNDS AND OVER	17,500	17,000	16,500	97
FOR BEEF COW REPLACEMENT	4,800	4,800	4,800	100
FOR MILK COW REPLACEMENT	4,700	4,600	4,400	96
OTHER HEIFERS	8,000	7,600	7,300	96
STEERS 500 POUNDS AND OVER	15,300	14,800	14,500	98
BULLS 500 POUNDS AND OVER	2,200	2,200	2,200	100
CALVES UNDER 500 POUNDS	32,200	31,100	31,000	100
CALF CROP				
JAN 1 - JUNE 30	29,450	28,750	29,400	102
JULY 1 - DEC 31	11,691	11,336	11,472	101
TOTAL CALF CROP	41,141	40,086	40,872	102

125 YEARS OF CATTLE COUNTS

The earliest count of the cattle inventory in 1867 included 28.6 million oxen, "milche" cows, and all other cattle. The cattle inventory was heavily concentrated in the North and South Central States around the Mississippi and Ohio Rivers agricultural population centers. The cattle provided power for field work, milk and beef and had earlier been instrumental in exploring and settling the farthest reaches of the new Nation. About a quarter of the inventory was 8.3 million milk cows leaving 20.0 million other cattle that numbered about 2 1/2 times the total 7.8 million horse and mule inventory. It was not until 1885 that cattle outnumbered sheep in the annual count.

Cattle inventory numbers in the U.S. show a definite pattern. Nine very pronounced cattle cycles occurred between 1867 and 1988. Each of the cycles has peaked at a level higher than the previous cycles, except for the one that began in 1979. The all time high annual inventory number of 132 million head was recorded on January 1, 1975. The cattle cycle occurs because of the biological time lag in the production process coupled with production decisions of producers in reaction to economic forces. In addition, the impact of weather, forage supplies, competing meats, consumer preference, income and expenditures, and world trade can lead to sharp adjustments in inventories. During the 1980's, many factors in combination with each other contributed to a January 1, 1988, inventory of less than 100 million for the first time since 1961.

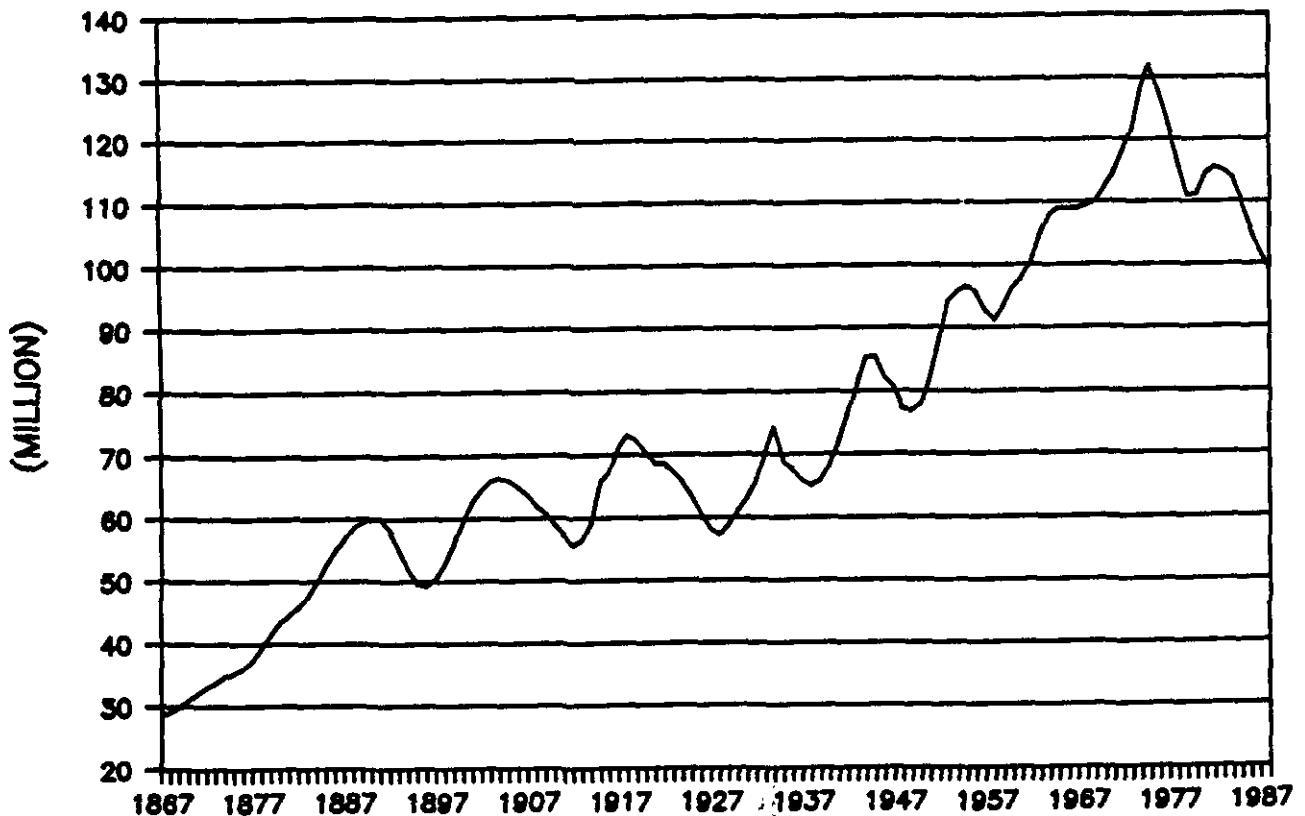
The estimates of the cattle and calf population by States in the year's prior to 1920 were based on interpolating annual data for years between enumerations conducted every 10 years as part of the Census of Agriculture. These interim annual estimates of change were based on reports from field agents and reporters giving their estimates of the percentage change from the previous year. During the period of the 1920's through early 1970's annual estimates were based primarily on survey returns from livestock producers, obtained mostly in cooperation with rural mail carriers.

In 1920, additional information was collected to provide separate estimates of beef and dairy cattle by class, age, and sex. Estimates of births (calf crop) were started in 1924 and the program for cattle on feed in 1930.

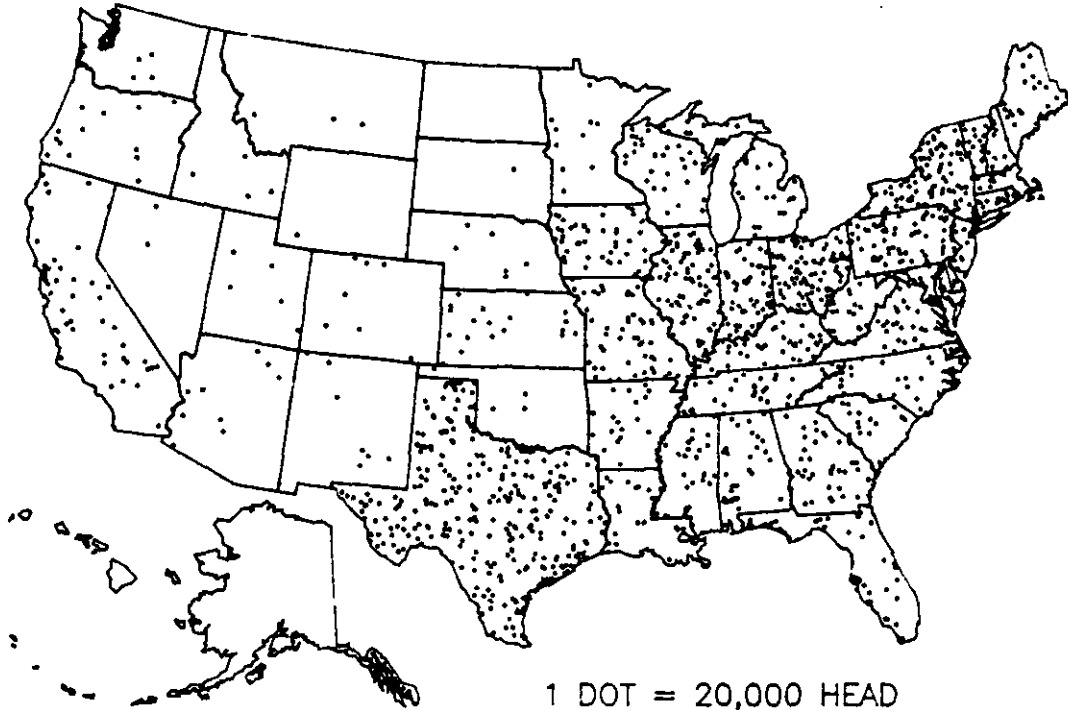
Statistical probability sampling procedures were initiated in 1967 to improve survey precision. The current survey methodology provides sampling errors of less than 1 percent at the national level for all cattle and calves inventory indications.

During the late 1800's the open range lands of the western and southwestern States were particularly inviting for cattle production but the trend reversed toward the less harsh climates of the Southern and Great Plains regions. Texas remains the leading cattle State. Dairy cattle are predominate in Northeastern and North Central States. Most of the cattle being fed for slaughter are produced closer to feed supplies in the Great Plains and Corn Belt States.

CATTLE INVENTORY UNITED STATES, JANUARY 1



1867 CATTLE INVENTORY
UNITED STATES = 28.6 MILLION



1988 CATTLE INVENTORY
UNITED STATES = 99.5 MILLION

