



Cattle

Released February 1, 2002, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Cattle" call Steve Anderson at (202) 720-3040, office hours 7:30 a.m. to 4:00 p.m. ET.

January 1 Cattle Inventory Down 1 Percent

All cattle and calves in the United States as of January 1, 2002, totaled 96.7 million head, 1 percent below the 97.3 million on January 1, 2001 and 2 percent below the 98.2 million two years ago.

All cows and heifers that have calved, at 42.2 million, were 1 percent below both the 42.6 million on January 1, 2001 and the 42.8 million two years ago.

- **Beef cows**, at 33.1 million, were down 1 percent from both January 1, 2001 and January 1, 2000.
- **Milk cows**, at 9.11 million, were down 1 percent from both January 1, 2001 and two years ago.

Other class estimates on January 1, 2002 and the change from January 1, 2001, are as follows:

- **All heifers 500 pounds and over**, 19.7 million, down slightly.
- **Beef replacement heifers**, 5.56 million, down slightly.
- **Milk replacement heifers**, 4.06 million, up slightly.
- **Other heifers**, 10.1 million, down 1 percent.
- **Steers weighing 500 pounds and over**, 16.8 million, up 2 percent.
- **Bulls weighing 500 pounds and over**, 2.24 million, down 1 percent.
- **Calves under 500 pounds**, 15.8 million, down 3 percent.
- **Cattle and calves on feed** for slaughter in all feedlots, 13.9 million, down 2 percent.
- The combined total of **calves under 500 pounds, and other heifers and steers over 500 pounds** outside of feedlots, 28.8 million, up 1 percent.

Calf Crop Down 1 Percent

The 2001 calf crop was estimated at 38.3 million head, down 1 percent from both 2000 and 1999. Calves born during the first half of the year are estimated at 28.1 million, down 1 percent from both 2000 and 1999.

Cattle Operations Down 2 Percent

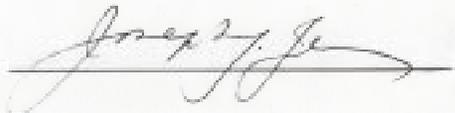
The number of operations with cattle totaled 1.05 million during 2001, down 2 percent from 2000 and 4 percent below 1999. Beef cow operations in 2001 were down 2 percent from 2000 and 4 percent below 1999. Milk cow operations were 7 percent below last year and 12 percent below two years ago.

The three operation classes, cattle, beef cows, and milk cows, are classified into size groups independently. Therefore, it is possible to have more beef cow operations in a particular size group than cattle operations. As an example, an operator with 75 cattle and 40 beef cows would be classified in the 50-99 size group for cattle and the 1-49 size group for beef cows.

Revisions

All inventory and calf crop estimates for January 1, 2001 and July 1, 2001 were reviewed using calf crop, official slaughter, import and export data, and the relationship of new survey information to the prior surveys. Based on the findings of this review, small adjustments of less than one half percent were made to the January 1, 2001 inventory, the 2000 calf crop, and the July 1, 2001 inventory. A small adjustment of less than 1 percent was made to the preliminary 2001 calf crop set in July.

This report was approved on February 1, 2002.



Acting Secretary of
Agriculture
Joseph J. Jen



Agricultural Statistics Board
Chairperson
Frederic A. Vogel

**Cattle and Calves: Number by Class and Calf Crop,
United States, January 1, 2000-2002 ¹**

Class	2000	2001	2002	2002 as % of 2001
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
Cattle and Calves	98,198	97,277	96,704	99
Cows and Heifers That Have Calved	42,759	42,580	42,209	99
Beef Cows	33,569	33,397	33,100	99
Milk Cows	9,190	9,183	9,110	99
Heifers 500 Pounds and Over	19,649	19,776	19,678	100
For Beef Cow Replacement	5,503	5,588	5,561	100
Expected to Calve ²		3,337	3,452	103
For Milk Cow Replacement	4,000	4,057	4,060	100
Expected to Calve ²		2,696	2,724	101
Other Heifers	10,147	10,131	10,057	99
Steers 500 Pounds and Over	16,682	16,441	16,800	102
Bulls 500 Pounds and Over	2,293	2,274	2,244	99
Calves Under 500 Pounds	16,815	16,206	15,773	97
Cattle on Feed	14,003	14,201	13,860	98
	1999	2000	2001	2001 as % of 2000
Calf Crop	38,796	38,631	38,280	99

¹ Totals may not add due to rounding.

² Replacement heifers expected to calve during the year. Data not available prior to 2001.

**Cattle and Calves: Number Grazing on Small Grain Pasture,
3-State Total, January 1, 2000-2002 ¹**

Class	2000	2001	2002	2002 as % of 2001
	<i>Million Head</i>	<i>Million Head</i>	<i>Million Head</i>	<i>Percent</i>
Calves, Other Heifers and Steers Kansas, Oklahoma, and Texas		1.78	2.80	157

¹ Data not available prior to 2001.

Cattle and Calves: Balance Sheet, United States, 1999-2001 ¹

Item	1999	2000	2001
	<i>Million Head</i>	<i>Million Head</i>	<i>Million Head</i>
January 1 Beginning Inventory	99.1	98.2	97.3
Calf Crop and Imports	40.7	40.8	40.8
Total Supply ²	139.9	139.0	138.1
Slaughter	37.6	37.6	36.6
Deaths and Exports	4.4	4.6	4.6
Total Disappearance ²	42.1	42.2	41.2
Residual ²	0.4	0.4	-0.2
January 1 Ending Inventory	98.2	97.3	96.7

¹ Final 2000 and preliminary 2001 estimates will be published in the "Meat Animals - Production, Disposition and Income" report published in April 2002.

² Totals may not add due to rounding.

**Cattle and Calves: Number by Class, State, and United States,
January 1, 2001-2002**

State	All Cattle and Calves			All Cows That Have Calved		
	2001	2002	2002 as % of 2001	2001	2002	2002 as % of 2001
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	1,360	1,370	101	760	770	101
AK	10.5	11.5	110	4.8	5.5	115
AZ	840	840	100	335	325	97
AR	1,800	1,820	101	960	960	100
CA	5,150	5,200	101	2,340	2,380	102
CO	3,150	3,050	97	930	890	96
CT	63	61	97	34	32	94
DE	27	26	96	13	13	100
FL	1,800	1,780	99	1,130	1,110	98
GA	1,270	1,240	98	700	680	97
HI	150	152	101	88	85	97
ID	1,960	1,990	102	840	870	104
IL	1,470	1,430	97	570	560	98
IN	880	880	100	380	380	100
IA	3,650	3,550	97	1,200	1,190	99
KS	6,700	6,600	99	1,620	1,580	98
KY	2,260	2,300	102	1,190	1,200	101
LA	860	850	99	530	520	98
ME	97	97	100	49	48	98
MD	235	245	104	119	122	103
MA	48	51	106	26	27	104
MI	980	990	101	385	370	96
MN	2,550	2,550	100	930	910	98
MS	1,070	1,100	103	615	610	99
MO	4,250	4,350	102	2,220	2,200	99
MT	2,550	2,450	96	1,550	1,470	95
NE	6,600	6,400	97	2,020	2,000	99
NV	520	500	96	275	265	96
NH	42	41	98	22	22	100
NJ	48	44	92	24	21	88
NM	1,580	1,580	100	800	790	99
NY	1,380	1,390	101	750	750	100
NC	950	950	100	505	500	99
ND	1,980	1,970	99	1,050	1,050	100
OH	1,240	1,250	101	540	540	100
OK	5,050	5,200	103	2,000	2,020	101
OR	1,360	1,400	103	680	710	104
PA	1,640	1,640	100	760	740	97
RI	6.0	5.5	92	3.1	2.8	90
SC	445	430	97	240	230	96
SD	4,050	3,950	98	1,910	1,890	99
TN	2,170	2,200	101	1,140	1,150	101
TX	13,700	13,600	99	5,810	5,750	99
UT	910	920	101	450	450	100
VT	295	285	97	167	166	99
VA	1,650	1,650	100	790	810	103
WA	1,180	1,130	96	515	500	97
WV	400	415	104	210	215	102
WI	3,350	3,300	99	1,550	1,510	97
WY	1,550	1,470	95	850	820	96
US	97,276.5	96,704.0	99	42,579.9	42,209.3	99

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 2001-2002 (continued)**

State	Beef Cows That Have Calved			Milk Cows That Have Calved		
	2001	2002	2002 as % of 2001	2001	2002	2002 as % of 2001
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	737	750	102	23	20	87
AK	3.7	4.3	116	1.1	1.2	109
AZ	195	185	95	140	140	100
AR	923	927	100	37	33	89
CA	780	760	97	1,560	1,620	104
CO	840	799	95	90	91	101
CT	8	8	100	26	24	92
DE	4	4	100	9	9	100
FL	975	958	98	155	152	98
GA	614	594	97	86	86	100
HI	81	78	96	7	7	100
ID	486	493	101	354	377	106
IL	452	445	98	118	115	97
IN	229	226	99	151	154	102
IA	985	985	100	215	205	95
KS	1,524	1,485	97	96	95	99
KY	1,060	1,075	101	130	125	96
LA	473	466	99	57	54	95
ME	11	10	91	38	38	100
MD	37	41	111	82	81	99
MA	5	6	120	21	21	100
MI	85	73	86	300	297	99
MN	410	410	100	520	500	96
MS	579	576	99	36	34	94
MO	2,070	2,060	100	150	140	93
MT	1,531	1,451	95	19	19	100
NE	1,945	1,932	99	75	68	91
NV	250	240	96	25	25	100
NH	4	4	100	18	18	100
NJ	8	8	100	16	13	81
NM	539	500	93	261	290	111
NY	80	75	94	670	675	101
NC	436	434	100	69	66	96
ND	1,004	1,008	100	46	42	91
OH	275	280	102	265	260	98
OK	1,910	1,933	101	90	87	97
OR	590	605	103	90	105	117
PA	150	152	101	610	588	96
RI	1.5	1.4	93	1.6	1.4	88
SC	218	210	96	22	20	91
SD	1,809	1,792	99	101	98	97
TN	1,045	1,060	101	95	90	95
TX	5,465	5,440	100	345	310	90
UT	355	357	101	95	93	98
VT	12	12	100	155	154	99
VA	671	690	103	119	120	101
WA	269	253	94	246	247	100
WV	193	199	103	17	16	94
WI	225	230	102	1,325	1,280	97
WY	845	815	96	5	5	100
US	33,397.2	33,099.7	99	9,182.7	9,109.6	99

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 2001-2002 (continued)**

State	Heifers 500 Pounds and Over					
	Beef Cow Replacement		Milk Cow Replacement		Other	
	2001	2002	2001	2002	2001	2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AL	100	102	9	7	36	41
AK	0.7	0.7	0.4	0.5	0.4	0.4
AZ	36	36	31	33	15	17
AR	160	165	15	15	65	65
CA	140	135	750	770	170	170
CO	140	120	45	40	730	750
CT	2.0	2.0	11.5	11.5	1.0	1.5
DE	1.0	0.9	3.5	3.5	2.0	1.6
FL	145	140	40	40	25	25
GA	78	87	31	29	31	30
HI	10	10	3	3	5	7
ID	100	85	165	175	195	200
IL	65	65	60	50	185	190
IN	42	42	62	66	69	62
IA	145	140	115	120	620	590
KS	235	230	70	40	1,670	1,650
KY	160	170	40	40	100	100
LA	79	81	12	11	16	17
ME	4.5	4.0	19.5	20.0	1.0	1.0
MD	9	14	34	33	8	9
MA	1.0	2.0	9.0	9.0	1.0	1.0
MI	35	30	130	135	45	45
MN	100	100	290	295	180	180
MS	90	98	15	15	30	27
MO	285	280	65	60	240	290
MT	405	370	10	13	175	177
NE	300	285	30	25	1,490	1,420
NV	46	44	12	10	39	38
NH	1.5	1.0	8.0	8.0	0.5	0.5
NJ	3	3	6	6	2	2
NM	95	100	55	60	130	110
NY	20	20	295	300	35	40
NC	75	73	30	30	16	20
ND	170	155	14	15	260	260
OH	65	70	115	110	70	70
OK	310	330	20	20	520	480
OR	150	155	60	55	115	115
PA	35	40	280	285	45	45
RI	0.4	0.4	1.1	0.7	0.1	0.1
SC	42	38	10	8	12	13
SD	310	300	30	30	580	540
TN	150	175	45	40	60	75
TX	720	750	100	100	1,630	1,650
UT	75	75	46	44	69	71
VT	5	4	62	58	4	4
VA	116	120	57	60	67	70
WA	63	48	104	105	119	127
WV	33	40	5	5	23	25
WI	55	60	635	650	90	90
WY	180	165	1	1	139	144
US	5,588.1	5,561.0	4,057.0	4,060.2	10,131.0	10,057.1

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 2001-2002 (continued)**

State	Steers 500 Pounds and Over		Bulls 500 Pounds and Over		Calves Under 500 Pounds	
	2001	2002	2001	2002	2001	2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AL	60	60	50	50	345	340
AK	0.7	0.8	1.3	1.2	2.2	2.4
AZ	230	250	23	22	170	157
AR	105	145	55	50	440	420
CA	630	640	70	65	1,050	1,040
CO	1,000	1,010	50	45	255	195
CT	2.0	2.0	1.0	1.0	11.5	11.0
DE	2.0	2.0	0.4	0.4	5.1	4.6
FL	20	25	60	60	380	380
GA	46	40	39	39	345	335
HI	6	8	4	4	34	35
ID	380	360	40	40	240	260
IL	295	285	30	25	265	255
IN	117	120	20	20	190	190
IA	990	960	70	70	510	480
KS	2,260	2,290	85	85	760	725
KY	200	215	70	75	500	500
LA	21	24	32	32	170	165
ME	3.5	4.0	1.5	1.5	18.0	18.5
MD	17	18	4	4	44	45
MA	2.0	2.0	1.0	1.0	8.0	9.0
MI	190	195	17	17	178	198
MN	470	480	40	35	540	550
MS	40	55	40	40	240	255
MO	400	480	120	120	920	920
MT	210	245	110	100	90	75
NE	2,230	2,120	100	100	430	450
NV	50	50	16	15	82	78
NH	1.5	1.5	0.5	0.5	8.0	7.5
NJ	3	3	1	1	9	8
NM	180	200	50	50	270	270
NY	37	37	18	18	225	225
NC	40	43	34	34	250	250
ND	310	315	60	57	116	118
OH	160	160	30	30	260	270
OK	990	1,160	120	130	1,090	1,060
OR	155	160	40	40	160	165
PA	160	175	25	25	335	330
RI	0.4	0.5	0.1	0.2	0.8	0.8
SC	14	13	18	17	109	111
SD	780	750	100	95	340	345
TN	123	118	72	72	580	570
TX	2,430	2,540	370	370	2,640	2,440
UT	122	126	23	24	125	130
VT	3.0	3.0	3.0	3.0	51.0	47.0
VA	210	175	40	40	370	375
WA	200	189	25	24	154	137
WV	45	45	14	15	70	70
WI	330	330	30	30	660	630
WY	170	170	50	50	160	120
US	16,441.1	16,799.8	2,273.8	2,243.8	16,205.6	15,772.8

Calf Crop: Number by State and United States, 2000-2001

State	2000	2001	2001 as % 2000
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	690	680	99
AK	3.8	3.8	100
AZ	275	270	98
AR	840	820	98
CA	1,980	1,990	101
CO	880	840	95
CT	28	27	96
DE	10	10	100
FL	950	940	99
GA	580	580	100
HI	69	66	96
ID	830	860	104
IL	530	510	96
IN	340	345	101
IA	1,130	1,120	99
KS	1,480	1,480	100
KY	1,090	1,080	99
LA	415	405	98
ME	45	44	98
MD	101	103	102
MA	23	22	96
MI	345	335	97
MN	910	890	98
MS	550	540	98
MO	2,060	2,060	100
MT	1,620	1,550	96
NE	1,840	1,820	99
NV	230	225	98
NH	20	19	95
NJ	20	18	90
NM	630	610	97
NY	640	620	97
NC	460	450	98
ND	1,000	1,000	100
OH	490	480	98
OK	1,850	1,890	102
OR	650	660	102
PA	670	660	99
RI	2.8	2.6	93
SC	195	185	95
SD	1,850	1,850	100
TN	1,040	1,050	101
TX	5,100	5,050	99
UT	400	400	100
VT	153	145	95
VA	710	720	101
WA	480	460	96
WV	195	195	100
WI	1,400	1,360	97
WY	830	840	101
US	38,630.6	38,280.4	99

**Cattle and Calves: Total Number on Feed by State
and United States, January 1, 2001-2002 ¹**

State	2001	2002	2002 as % of 2001
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	4	4	100
AZ	301	305	101
AR	11	15	136
CA	450	480	107
CO	1,230	1,210	98
GA	3	3	100
ID	325	335	103
IL	215	200	93
IN	110	115	105
IA	1,050	955	91
KS	2,450	2,530	103
KY	20	15	75
MD	10	13	130
MI	190	190	100
MN	290	270	93
MO	65	70	108
MT	60	70	117
NE	2,550	2,370	93
NV	25	20	80
NJ	2	2	100
NM	115	108	94
NY	30	25	83
NC	5	5	100
ND	60	62	103
OH	190	180	95
OK	415	365	88
OR	55	50	91
PA	75	75	100
SC	4	4	100
SD	365	355	97
TN	10	10	100
TX	2,940	2,890	98
UT	35	25	71
VA	30	27	90
WA	255	250	98
WV	7	8	114
WI	160	160	100
WY	80	80	100
Oth Sts ²	9.4	9.3	98
US	14,201.4	13,860.3	98

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 and calves on feed are included in the cattle inventory estimates by classes.

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

**Cattle and Calves: Number by Class and Calf Crop
United States, July 1, 1999-2001**

Class	1999	2000	2001 ¹	2001 as % of 2000
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
Cattle and Calves	107,000	106,300	105,800	100
Cows and Heifers That Have Calved	43,300	43,200	43,000	100
Beef Cows	34,150	33,950	33,850	100
Milk Cows	9,150	9,250	9,150	99
Heifers 500 Pounds and Over	16,600	16,500	16,400	99
For Beef Cow Replacement	4,800	4,700	4,600	98
For Milk Cow Replacement	3,700	3,700	3,600	97
Other Heifers	8,100	8,100	8,200	101
Steers 500 Pounds and Over	14,400	14,300	14,600	102
Bulls 500 Pounds and Over	2,200	2,100	2,100	100
Calves Under 500 Pounds	30,500	30,200	29,700	98
Calf Crop	38,796	38,631	38,280	99
Cattle on Feed	11,500	12,300	13,000	106

¹ Revised.

**Calf Crop: Number and Percent of Total by Six Month Period,
United States, 1999-2001**

Period	1999		2000		2001 ¹	
	Number	% of Total	Number	% of Total	Number	% of Total
	<i>1,000 Hd</i>	<i>Percent</i>	<i>1,000 Hd</i>	<i>Percent</i>	<i>1,000 Hd</i>	<i>Percent</i>
Jan 1 - Jun 30	28,500.0	73.5	28,400.0	73.5	28,100.0	73.4
Jul 1 - Dec 31	10,296.4	26.5	10,230.6	26.5	10,180.4	26.6
Total	38,796.4	100.0	38,630.6	100.0	38,280.4	100.0

¹ Revised.

**Cattle and Calves: Balance Sheet, United States,
January 1 - June 30, 1999-2001**

Item	1999	2000	2001
	<i>Million Head</i>	<i>Million Head</i>	<i>Million Head</i>
January 1 Inventory	99.1	98.2	97.3
Calf Crop and Imports	29.5	29.5	29.4
Total Supply ¹	128.6	127.7	126.7
Slaughter	18.6	18.9	18.1
Deaths and Exports	2.5	2.7	2.7
Total Disappearance ¹	21.1	21.5	20.8
Residual ¹	-0.4	0.1	-0.1
July 1 Inventory	107.0	106.3	105.8

¹ Totals may not add due to rounding.

**Cattle and Calves: Number by Class, Selected States,
and United States, July 1, 2000-2001**

State	All Cattle and Calves			All Cows That Have Calved		
	2000	2001 ¹	2001 as % of 2000	2000	2001 ¹	2001 as % of 2000
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
CA	5,000	5,200	104	2,310	2,360	102
CO	3,500	3,300	94	960	930	97
IA	3,950	3,850	97	1,250	1,220	98
KS	6,950	6,900	99	1,740	1,730	99
MO	4,700	4,650	99	2,220	2,200	99
MT	3,750	3,500	93	1,630	1,570	96
NE	7,250	7,250	100	2,100	2,100	100
OK	5,500	5,400	98	2,100	2,050	98
SD	4,900	5,100	104	1,950	2,050	105
TX	14,900	15,000	101	6,100	6,000	98
WI	3,700	3,600	97	1,600	1,540	96
Oth Sts	42,200	42,050	100	19,240	19,250	100
US	106,300	105,800	100	43,200	43,000	100
	Beef Cows That Have Calved			Milk Cows That Have Calved		
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
CA	785	770	98	1,525	1,590	104
CO	871	838	96	89	92	103
IA	1,035	1,010	98	215	210	98
KS	1,650	1,640	99	90	90	100
MO	2,066	2,053	99	154	147	95
MT	1,612	1,551	96	18	19	106
NE	2,025	2,027	100	75	73	97
OK	2,009	1,961	98	91	89	98
SD	1,847	1,951	106	103	99	96
TX	5,750	5,675	99	350	325	93
WI	255	250	98	1,345	1,290	96
Oth Sts	14,045	14,124	101	5,195	5,126	99
US	33,950	33,850	100	9,250	9,150	99

¹ Revised.

**Cattle and Calves: Number of Operations and Percent of Inventory
by Size Group, United States, 2000-2001 ¹**

Head	Operations		Percent of Inventory	
	2000	2001	2000	2001
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>
Cattle and Calves ²				
1-49	671,350	653,150	11.7	11.5
50-99	185,540	179,560	12.8	12.4
100-499	192,320	189,700	36.5	36.2
500-999	18,625	18,720	12.3	12.4
1,000-1,999	6,210	6,310	7.3	7.4
2,000-4,999	2,650	2,550	7.0	6.8
5,000-9,999	460	510	2.8	3.3
10,000-19,999	220	220	2.8	2.8
20,000+	185	190	6.8	7.2
Total	1,077,560	1,050,910		
Beef Cows ³				
1-49	654,050	638,400	29.3	28.9
50-99	100,240	99,420	19.2	19.1
100-499	70,865	71,040	36.7	37.1
500-999	4,140	4,180	7.7	7.8
1,000-1,999	1,050	1,050	3.7	3.8
2,000-4,999	270	260	2.0	2.0
5,000+	55	50	1.4	1.3
Total	830,670	814,400		
Milk Cows ⁴				
1-29	30,810	28,155	2.9	2.6
30-49	22,110	19,865	9.1	8.1
50-99	31,360	29,215	22.0	20.9
100-199	12,865	12,335	18.0	17.4
200-499	5,350	5,195	16.7	16.4
500-999	1,700	1,700	12.0	12.0
1,000-1,999	695	770	10.1	11.5
2,000+	280	325	9.2	11.1
Total	105,170	97,560		

¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

² An operation is any place having one or more head of cattle on hand at any time during the year.

³ An operation is any place having one or more head of beef cows on hand at any time during the year.

⁴ An operation is any place having one or more head of milk cows, excluding cows used to nurse calves, on hand at any time during the year.

**Cattle and Calves: Number of Operations by State
and United States, 2000-2001 ¹**

State	Operations With Cattle and Calves	
	2000 <i>Number</i>	2001 <i>Number</i>
AL	27,000	26,000
AK	130	130
AZ	3,100	3,000
AR	31,000	30,000
CA	22,000	22,000
CO	15,100	14,600
CT	1,200	1,200
DE	480	480
FL	20,000	19,500
GA	23,000	22,000
HI	800	800
ID	12,000	11,500
IL	25,000	24,000
IN	22,000	20,000
IA	36,000	35,000
KS	36,000	35,000
KY	48,000	47,000
LA	15,500	15,000
ME	1,800	1,800
MD	4,500	4,500
MA	1,300	1,200
MI	16,000	15,500
MN	30,000	29,000
MS	24,000	23,000
MO	68,000	67,000
MT	14,400	13,300
NE	27,000	26,000
NV	1,700	1,700
NH	950	900
NJ	1,700	1,700
NM	8,600	8,500
NY	17,000	16,000
NC	26,000	25,000
ND	13,700	13,300
OH	28,000	27,000
OK	60,000	59,000
OR	16,900	16,200
PA	28,000	28,000
RI	200	200
SC	11,000	11,000
SD	20,000	19,500
TN	52,000	52,000
TX	152,000	151,000
UT	8,000	8,000
VT	3,100	3,000
VA	27,000	26,000
WA	15,000	15,000
WV	13,000	13,000
WI	42,000	40,000
WY	6,400	6,400
US	1,077,560	1,050,910

¹ An operation is any place having one or more head of cattle on hand at any time during the year.

**Cattle and Calves: Number of Operations by Size Group,
Selected States, and United States, 2000-2001¹**

State	Operations Having					
	1-49 Head		50-99 Head		100-499 Head	
	2000	2001	2000	2001	2000	2001
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	18,500	18,000	4,600	4,400	3,600	3,300
AZ	1,850	1,750	350	360	610	610
AR	20,000	19,500	6,200	5,800	4,500	4,400
CA	14,600	14,600	1,900	1,900	3,200	3,200
CO	8,200	7,800	2,300	2,160	3,500	3,500
FL	15,000	14,500	2,400	2,300	1,950	2,050
GA	16,000	15,000	3,810	3,890	2,900	2,800
ID	7,000	6,600	1,670	1,640	2,600	2,500
IL	16,200	15,400	4,700	4,500	3,890	3,880
IN	16,800	15,100	3,000	2,900	2,090	1,890
IA	16,500	15,800	8,100	7,800	10,300	10,300
KS	17,000	16,400	7,300	7,100	9,900	9,700
KY	34,000	33,000	8,300	8,100	5,500	5,650
LA	11,200	10,800	2,100	2,000	2,000	2,000
MD	3,000	3,100	730	670	730	700
MI	11,200	10,700	2,200	2,200	2,350	2,350
MN	14,900	14,700	7,300	6,800	7,400	7,000
MS	17,000	16,000	4,000	3,800	2,810	3,000
MO	42,000	41,000	13,900	14,600	11,500	10,800
MT	5,700	4,800	2,170	2,350	5,200	4,800
NE	9,600	9,100	5,400	5,400	9,500	9,000
NM	5,000	5,000	1,280	1,100	1,600	1,700
NY	9,200	8,800	3,300	2,900	4,200	4,000
NC	21,000	19,900	3,200	3,100	1,710	1,900
ND	4,000	3,800	3,400	3,150	5,700	5,700
OH	21,500	20,500	3,300	3,200	3,020	3,120
OK	37,000	36,000	10,800	10,700	10,700	10,800
OR	13,000	12,400	1,300	1,400	1,910	1,740
PA	16,000	16,000	7,400	7,400	4,440	4,420
SD	5,600	5,000	3,600	3,400	9,000	9,200
TN	39,500	39,500	7,800	8,000	4,500	4,300
TX	101,000	102,000	24,000	22,000	23,000	23,300
UT	4,400	4,600	1,300	1,200	1,900	1,800
VT	1,400	1,400	700	650	940	880
VA	17,800	17,000	5,000	4,700	3,900	4,000
WA	11,600	11,700	1,290	1,290	1,700	1,600
WI	18,000	17,000	11,000	10,200	12,400	12,100
WY	2,100	1,900	1,000	1,100	2,350	2,500
Oth Sts	27,000	27,000	3,440	3,400	3,320	3,210
US	671,350	653,150	185,540	179,560	192,320	189,700

See footnote(s) at end of table.

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Cattle and Calves: Number of Operations by Size Group, Selected States, and United States, 2000-2001 ¹ (continued)

State	Operations Having			
	500-999 Head		1,000+ Head	
	2000	2001	2000	2001
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	240	250	60	50
AZ	140	130	150	150
AR	240	240	60	60
CA	1,100	1,100	1,200	1,200
CO	650	680	450	460
FL	350	350	300	300
GA	240	250	50	60
ID	420	440	310	320
IL	170	180	40	40
IN	80	80	30	30
IA	800	800	300	300
KS	1,200	1,150	600	650
KY	150	200	50	50
LA	160	160	40	40
MD	30	20	10	10
MI	190	180	60	70
MN	300	380	100	120
MS	140	150	50	50
MO	460	460	140	140
MT	930	1,000	400	350
NE	1,400	1,400	1,100	1,100
NM	370	350	350	350
NY	220	220	80	80
NC	70	80	20	20
ND	520	550	80	100
OH	150	150	30	30
OK	1,000	950	500	550
OR	450	420	240	240
PA	130	150	30	30
SD	1,300	1,350	500	550
TN	170	170	30	30
TX	2,600	2,400	1,400	1,300
UT	270	270	130	130
VT	45	50	15	20
VA	250	250	50	50
WA	270	270	140	140
WI	500	570	100	130
WY	600	600	350	300
Oth Sts	320	320	180	180
US	18,625	18,720	9,725	9,780

¹ An operation is any place having one or more head of cattle on hand at any time during the year.

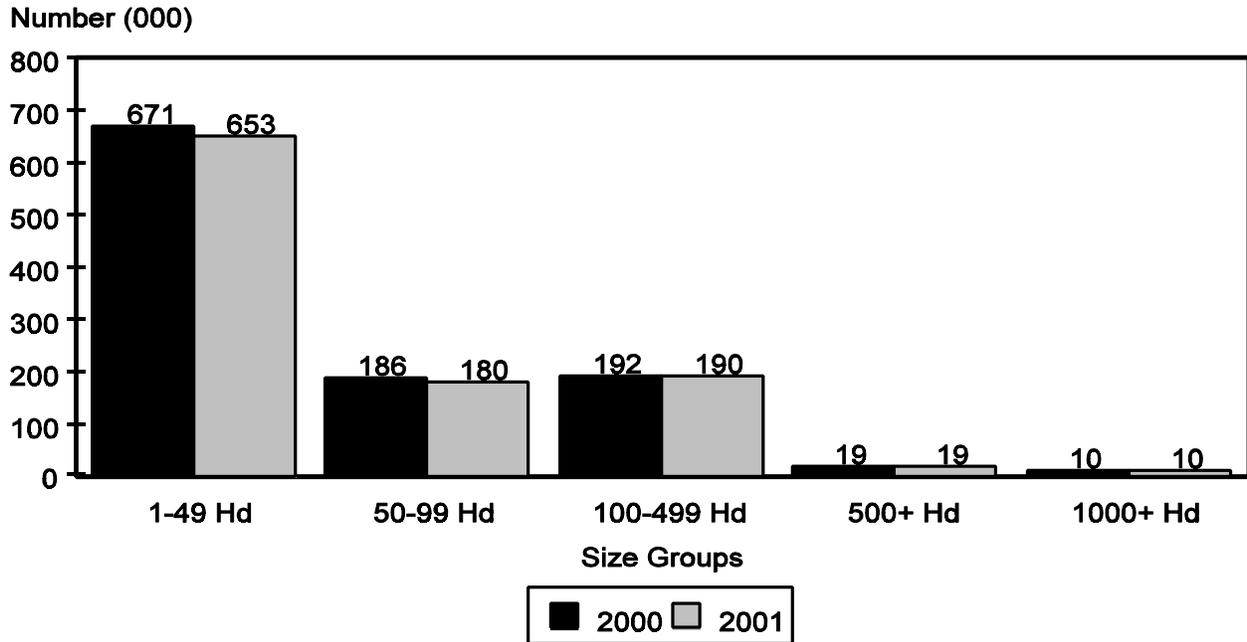
**Cattle and Calves: Percent of Inventory by Size Group,
Selected States, and United States, 2000-2001 ¹**

State	Inventory on Operations Having									
	1-49 Head		50-99 Head		100-499 Head		500-999 Head		1,000+ Head	
	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AL	25.0	25.0	20.0	21.0	41.0	39.0	9.3	10.5	4.7	4.5
AZ	2.5	2.0	2.5	2.3	15.0	14.0	10.0	8.7	70.0	73.0
AR	22.0	22.0	23.0	22.0	42.0	42.0	7.2	7.5	5.8	6.5
CA	3.2	3.2	2.8	2.8	15.0	15.0	16.0	15.0	63.0	64.0
CO	4.0	3.8	5.0	4.7	23.0	23.0	14.0	14.5	54.0	54.0
FL	11.0	11.0	9.0	8.8	23.0	24.0	13.0	13.2	44.0	43.0
GA	21.0	20.0	20.0	21.0	41.0	40.0	11.5	12.0	6.5	7.0
ID	5.5	5.3	6.0	5.7	28.0	26.0	14.5	15.0	46.0	48.0
IL	20.0	20.0	21.5	21.0	46.0	46.0	7.9	8.2	4.6	4.8
IN	31.8	30.0	21.0	22.0	37.0	36.0	5.4	5.8	4.8	6.2
IA	8.0	7.5	15.0	14.5	51.0	51.0	13.0	13.0	13.0	14.0
KS	5.5	5.3	7.5	7.2	30.0	29.5	12.0	11.0	45.0	47.0
KY	28.0	27.0	24.0	23.0	41.0	41.0	3.9	5.2	3.1	3.8
LA	23.0	23.0	16.0	16.0	43.0	43.0	11.0	11.0	7.0	7.0
MD	15.0	16.0	18.0	17.0	53.0	55.0	8.0	5.7	6.0	6.3
MI	16.0	16.0	15.0	15.0	46.0	45.0	12.0	12.0	11.0	12.0
MN	12.5	13.0	20.0	19.0	53.0	50.0	8.0	10.0	6.5	8.0
MS	22.0	22.0	23.0	22.0	41.0	40.0	7.0	8.0	7.0	8.0
MO	19.0	19.0	22.0	23.0	47.0	46.0	7.0	7.0	5.0	5.0
MT	2.5	2.5	6.0	6.5	41.0	40.0	23.0	26.0	27.5	25.0
NE	2.5	2.4	5.5	5.6	30.0	28.0	14.0	14.0	48.0	50.0
NM	5.0	5.2	5.3	4.8	21.7	22.0	15.0	15.0	53.0	53.0
NY	11.0	11.0	17.0	16.0	53.0	53.0	10.0	10.5	9.0	9.5
NC	33.0	30.0	23.0	22.3	35.0	38.0	5.2	5.9	3.8	3.8
ND	5.0	4.6	10.5	10.0	61.0	61.0	17.0	17.0	6.5	7.4
OH	28.0	26.0	18.0	17.5	43.0	45.0	7.5	7.5	3.5	4.0
OK	14.0	14.0	14.0	14.0	37.0	37.0	12.0	12.0	23.0	23.0
OR	13.0	12.0	7.0	7.0	27.0	25.0	20.0	20.0	33.0	36.0
PA	16.0	16.0	30.0	30.0	46.0	45.0	5.0	5.8	3.0	3.2
SD	3.1	2.7	6.4	5.8	50.0	50.0	21.0	21.0	19.5	20.5
TN	34.0	33.0	24.0	25.0	35.0	35.0	5.2	5.1	1.8	1.9
TX	12.0	12.0	12.0	11.0	29.0	30.0	12.0	11.0	35.0	36.0
UT	7.0	8.0	10.0	9.0	43.0	41.0	18.0	19.0	22.0	23.0
VT	7.0	7.5	18.0	16.0	57.0	54.0	10.0	11.5	8.0	11.0
VA	19.0	20.0	21.0	19.0	45.0	46.0	10.0	10.0	5.0	5.0
WA	11.0	9.0	7.0	7.0	30.0	28.0	15.0	16.0	37.0	40.0
WI	9.5	9.0	20.0	19.0	57.0	56.0	9.5	10.5	4.0	5.5
WY	2.7	1.8	3.8	4.2	30.0	32.0	25.5	26.0	38.0	36.0
Oth Sts	20.0	21.0	13.0	13.0	32.0	32.0	12.0	12.0	23.0	22.0
US	11.7	11.5	12.8	12.4	36.5	36.2	12.3	12.4	26.7	27.5

¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

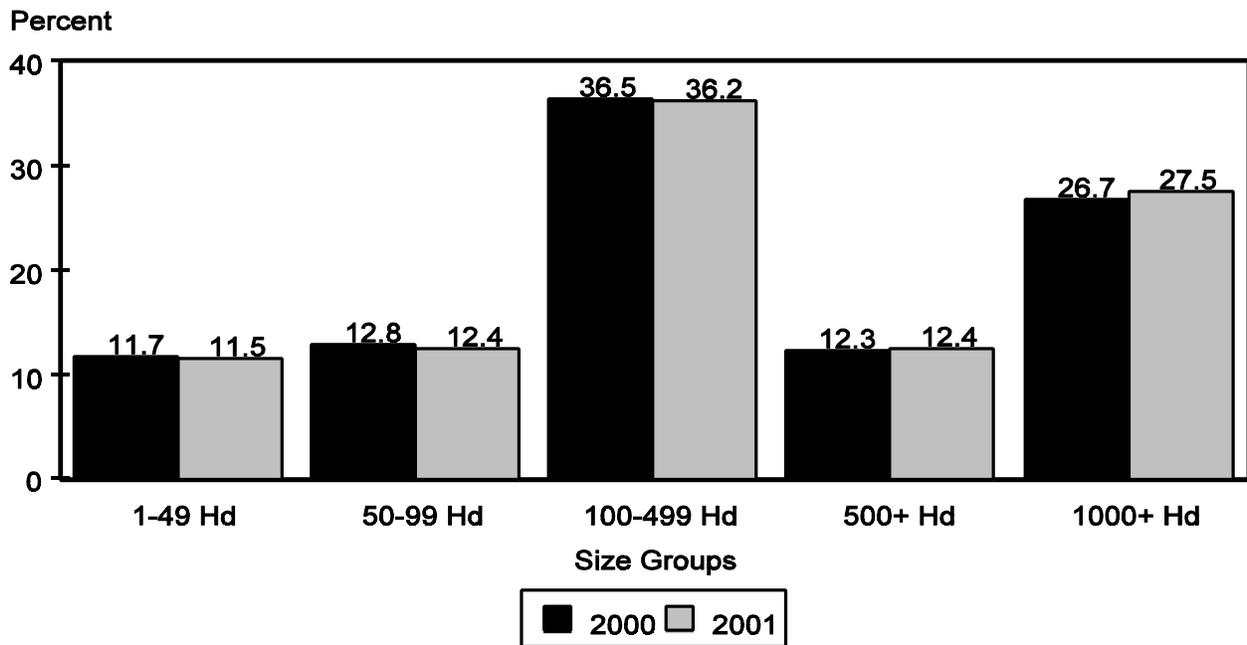
U. S. Cattle Operations

Number by Size Group, 2000-2001



U. S. Cattle Inventory

Percent by Size Group, 2000-2001



Beef Cows: Number of Operations by State and United States, 2000-2001 ¹

State	Operations With Beef Cows ²	
	2000 <i>Number</i>	2001 <i>Number</i>
AL	26,000	25,000
AK	90	90
AZ	2,200	2,100
AR	28,000	27,000
CA	14,200	14,000
CO	11,400	11,000
CT	800	800
DE	240	240
FL	17,000	16,500
GA	22,000	21,000
HI	700	700
ID	7,800	7,600
IL	17,700	16,500
IN	14,000	13,000
IA	27,000	26,000
KS	29,000	29,000
KY	40,000	39,000
LA	13,200	13,200
ME	1,000	1,000
MD	2,800	2,800
MA	750	700
MI	7,000	7,000
MN	15,800	15,500
MS	22,000	21,000
MO	58,000	57,000
MT	12,800	11,900
NE	23,000	22,000
NV	1,400	1,400
NH	550	530
NJ	1,000	1,000
NM	7,000	7,000
NY	6,500	6,200
NC	23,000	22,000
ND	12,300	12,000
OH	17,200	17,000
OK	50,000	49,000
OR	13,200	12,700
PA	11,100	11,100
RI	140	140
SC	10,000	10,000
SD	17,000	17,000
TN	45,000	45,000
TX	133,000	133,000
UT	5,700	5,700
VT	1,100	1,000
VA	22,000	22,000
WA	10,500	10,500
WV	11,000	11,000
WI	12,000	12,000
WY	5,500	5,500
US	830,670	814,400

¹ An operation is any place having one or more head of beef cows on hand at any time during the year.

² Included in operations with cattle.

Beef Cows: Number of Operations by Size Group, Selected States, and United States, 2000-2001^{1 2}

State	Operations Having							
	1-49 Head		50-99 Head		100-499 Head		500+ Head	
	2000	2001	2000	2001	2000	2001	2000	2001
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	21,000	20,000	3,300	3,300	1,650	1,650	50	50
AZ	1,450	1,400	210	210	450	410	90	80
AR	23,000	22,000	3,400	3,300	1,540	1,630	60	70
CA	11,100	10,900	1,000	990	1,800	1,800	300	310
CO	7,100	6,700	1,750	1,740	2,300	2,300	250	260
FL	13,500	13,200	1,700	1,600	1,500	1,400	300	300
GA	18,400	17,500	2,300	2,200	1,270	1,270	30	30
ID	5,300	5,200	1,000	950	1,350	1,300	150	150
IL	15,400	14,200	1,670	1,690	620	600	10	10
IN	13,000	12,100	780	700	220	200		
IA	19,900	18,900	4,900	4,800	2,150	2,250	50	50
KS	19,500	19,200	5,300	5,400	4,030	4,230	170	170
KY	34,500	33,500	3,800	3,700	1,675	1,770	25	30
LA	10,900	10,900	1,200	1,200	1,050	1,060	50	40
MN	13,600	13,300	1,600	1,600	585	585	15	15
MS	18,000	17,100	2,900	2,800	1,060	1,060	40	40
MO	46,000	45,000	8,300	8,300	3,600	3,600	100	100
MT	5,700	5,000	2,360	2,300	4,200	4,100	540	500
NE	12,700	12,200	4,800	4,300	4,960	4,930	540	570
NM	4,500	4,500	1,070	1,070	1,200	1,200	230	230
NC	20,900	19,800	1,540	1,630	550	560	10	10
ND	5,600	5,300	3,330	3,220	3,300	3,400	70	80
OH	16,200	16,100	770	700	220	190	10	10
OK	38,500	37,500	7,200	7,300	4,100	4,000	200	200
OR	10,600	10,200	1,300	1,200	1,080	1,100	220	200
PA	10,600	10,600	390	380	110	120		
SD	7,300	7,000	3,400	3,690	5,900	5,900	400	410
TN	40,000	40,000	3,600	3,600	1,385	1,385	15	15
TX	104,000	104,000	17,000	17,000	11,100	11,100	900	900
UT	3,700	3,700	950	950	960	960	90	90
VA	18,100	18,100	2,700	2,700	1,160	1,160	40	40
WA	9,100	9,100	720	750	630	590	50	60
WY	2,300	2,200	1,100	1,150	1,750	1,800	350	350
Oth Sts	52,600	52,000	2,900	3,000	1,410	1,430	160	170
US	654,050	638,400	100,240	99,420	70,865	71,040	5,515	5,540

¹ An operation is any place having one or more head of beef cows on hand at any time during the year.

² Included in operations with cattle. Missing data combined with other size groups.

Beef Cows: Percent of Inventory by Size Group, Selected States, and United States, 2000-2001^{1 2}

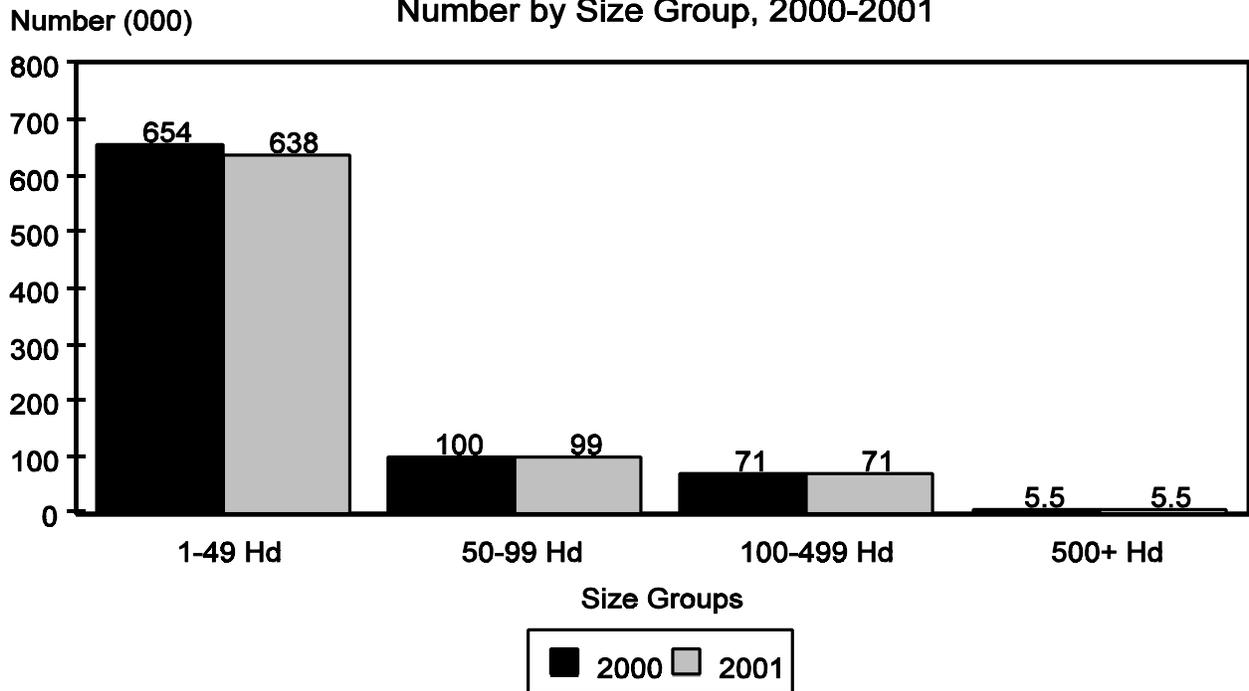
State	Inventory on Operations Having							
	1-49 Head		50-99 Head		100-499 Head		500+ Head	
	2000	2001	2000	2001	2000	2001	2000	2001
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AL	40.0	39.0	25.0	25.5	31.0	31.0	4.0	4.5
AZ	8.0	7.5	6.0	6.5	38.0	37.0	48.0	49.0
AR	44.0	42.0	24.5	23.5	27.0	29.0	4.5	5.5
CA	13.0	12.5	8.0	8.5	44.0	45.0	35.0	34.0
CO	14.0	12.0	14.0	14.0	51.0	50.0	21.0	24.0
FL	15.0	16.0	11.0	10.0	29.0	28.0	45.0	46.0
GA	41.0	41.0	23.0	23.0	33.0	33.0	3.0	3.0
ID	16.0	15.0	13.0	12.0	48.0	48.0	23.0	25.0
IL	57.0	55.0	23.0	25.0	18.4	18.5	1.6	1.5
IN	70.0	71.0	18.0	18.0	12.0	11.0		
IA	36.0	34.0	31.0	32.0	30.0	31.0	3.0	3.0
KS	25.0	24.5	23.0	23.0	44.0	44.0	8.0	8.5
KY	53.0	52.0	23.6	22.2	22.0	24.0	1.4	1.8
LA	37.0	36.0	16.0	17.0	39.0	40.0	8.0	7.0
MN	49.0	49.0	27.0	26.0	21.2	22.2	2.8	2.8
MS	39.0	40.0	27.0	26.0	30.0	29.0	4.0	5.0
MO	43.0	43.0	26.0	26.0	27.0	27.0	4.0	4.0
MT	6.0	6.0	10.0	10.0	55.0	56.0	29.0	28.0
NE	12.0	12.0	17.0	15.0	47.0	47.0	24.0	26.0
NM	10.0	10.0	12.0	12.0	41.0	42.0	37.0	36.0
NC	57.0	55.0	22.0	23.0	19.0	20.0	2.0	2.0
ND	13.0	12.5	22.0	21.0	60.0	61.0	5.0	5.5
OH	70.0	72.0	16.0	15.0	11.8	10.5	2.2	2.5
OK	34.0	33.0	23.0	24.0	35.0	35.0	8.0	8.0
OR	17.0	18.0	13.0	11.0	36.0	39.0	34.0	32.0
PA	71.0	71.0	17.0	16.0	12.0	13.0		
SD	9.5	9.0	13.0	14.0	61.0	61.0	16.5	16.0
TN	56.0	55.0	23.0	23.0	20.0	20.9	1.0	1.1
TX	29.0	29.0	20.0	20.0	35.0	35.0	16.0	16.0
UT	13.0	14.0	16.0	16.0	48.0	48.0	23.0	22.0
VA	43.0	43.0	27.0	26.0	26.0	27.0	4.0	4.0
WA	30.0	26.0	15.0	18.0	39.0	39.0	16.0	17.0
WY	6.0	5.5	9.0	9.5	48.0	46.0	37.0	39.0
Oth Sts	47.0	46.0	15.0	16.0	20.0	21.0	18.0	17.0
US	29.3	28.9	19.2	19.1	36.7	37.1	14.8	14.9

¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

² Missing data combined with other size groups.

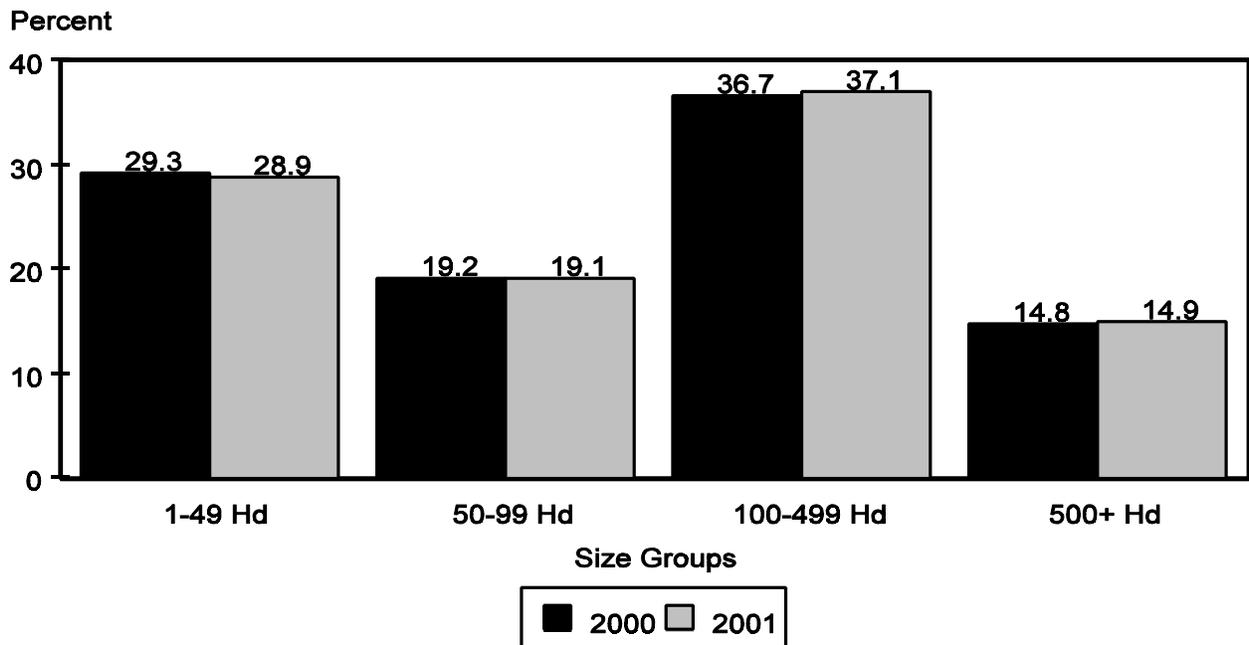
U. S. Beef Cow Operations

Number by Size Group, 2000-2001



U. S. Beef Cow Inventory

Percent by Size Group, 2000-2001



Milk Cows: Number of Operations by State and United States, 2000-2001 ¹

State	Operations With Milk Cows ²	
	2000 <i>Number</i>	2001 <i>Number</i>
AL	300	250
AK	30	30
AZ	250	250
AR	1,000	900
CA	2,500	2,500
CO	860	800
CT	330	310
DE	120	120
FL	520	510
GA	810	770
HI	50	50
ID	1,100	1,000
IL	2,100	1,900
IN	3,100	2,900
IA	3,800	3,500
KS	1,300	1,200
KY	3,000	2,900
LA	660	610
ME	650	600
MD	1,000	950
MA	380	350
MI	3,500	3,300
MN	8,500	7,800
MS	520	480
MO	3,900	3,700
MT	650	650
NE	1,200	1,100
NV	150	150
NH	270	260
NJ	270	250
NM	500	500
NY	7,900	7,200
NC	950	900
ND	1,000	850
OH	5,500	5,200
OK	1,900	1,700
OR	850	820
PA	10,700	10,300
RI	40	30
SC	250	240
SD	1,500	1,300
TN	1,600	1,500
TX	2,500	2,100
UT	830	760
VT	1,700	1,600
VA	1,600	1,500
WA	1,100	1,000
WV	650	600
WI	21,000	19,100
WY	280	270
US	105,170	97,560

¹ An operation is any place having one or more head of milk cows, excluding cows used to nurse calves, on hand at any time during the year.

² Included in operations with cattle.

Milk Cows: Number of Operations by Size Group, Selected States, and United States, 2000-2001^{1 2}

State	Operations Having					
	1-29 Head		30-49 Head		50-99 Head	
	2000	2001	2000	2001	2000	2001
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AZ	120	120			10	10
CA	300	300	70	70	70	80
CO	610	580	15	10	40	30
FL	290	290	5	5	25	20
GA	370	370	20	20	110	90
ID	250	230	100	80	220	210
IL	490	480	440	360	820	700
IN	1,600	1,500	560	470	580	570
IA	950	820	1,000	890	1,300	1,200
KY	1,300	1,300	540	520	870	760
MD	170	160	155	150	400	370
MI	1,000	1,050	630	550	900	800
MN	1,300	1,100	3,000	2,700	3,200	3,000
MO	1,700	1,600	740	700	900	850
NM	340	335			5	5
NY	1,400	1,300	1,500	1,200	3,000	2,800
NC	470	440	40	40	180	170
OH	2,600	2,400	870	850	1,300	1,250
OK	1,200	1,050	140	120	280	260
OR	400	400	30	30	90	80
PA	2,000	1,800	3,800	3,700	3,700	3,600
SD	600	410	250	280	390	370
TN	700	630	150	140	400	390
TX	1,100	950	140	100	330	250
UT	300	270	55	30	150	140
VT	130	130	280	270	820	780
VA	560	490	140	140	450	420
WA	360	300	40	40	120	110
WI	3,700	3,150	6,200	5,300	8,300	7,800
Oth Sts	4,500	4,200	1,200	1,100	2,400	2,100
US	30,810	28,155	22,110	19,865	31,360	29,215

See footnote(s) at end of table.

--continued

Milk Cows: Number of Operations by Size Group, Selected States, and United States, 2000-2001^{1 2} (continued)

State	Operations Having					
	100-199 Head		200-499 Head		500+ Head	
	2000	2001	2000	2001	2000	2001
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AZ	10	10	20	20	90	90
CA	230	250	730	700	1,100	1,100
CO	65	55	80	75	50	50
FL	35	35	65	60	100	100
GA	180	170	100	90	30	30
ID	190	150	180	150	160	180
IL	280	280	65	70	5	10
IN	290	280	55	55	15	25
IA	450	480	90	95	10	15
KY	240	270	45	45	5	5
MD	210	210	55	50	10	10
MI	700	620	215	215	55	65
MN	700	700	250	250	50	50
MO	510	500	45	45	5	5
NM	10	5	15	15	130	140
NY	1,400	1,300	480	470	120	130
NC	170	160	75	75	15	15
OH	600	560	115	120	15	20
OK	220	210	50	50	10	10
OR	180	170	110	100	40	40
PA	920	900	260	270	20	30
SD	200	180	45	45	15	15
TN	255	250	85	80	10	10
TX	400	320	360	320	170	160
UT	180	170	110	110	35	40
VT	310	270	130	120	30	30
VA	320	340	120	100	10	10
WA	210	190	230	220	140	140
WI	2,000	2,000	660	680	140	170
Oth Sts	1,400	1,300	510	500	90	100
US	12,865	12,335	5,350	5,195	2,675	2,795

¹ An operation is any place having one or more head of milk cows, excluding cows used to nurse calves, on hand at any time during the year.

² Included in operations with cattle. Missing data combined with other size groups.

Milk Cows: Percent of Inventory by Size Group, Selected States, and United States, 2000-2001¹

State	Inventory on Operations Having					
	1-29 Head		30-49 Head		50-99 Head	
	2000	2001	2000	2001	2000	2001
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AZ	0.3	0.3			0.4	0.4
CA	0.1	0.1	0.2	0.2	0.3	0.3
CO	1.5	1.1	0.6	0.4	2.5	2.0
FL	0.4	0.4	0.1	0.1	1.3	1.0
GA	1.0	1.0	1.0	1.0	9.0	8.0
ID	0.5	0.4	1.1	0.9	4.6	4.1
IL	3.5	3.0	12.0	10.0	41.0	38.0
IN	10.5	9.0	16.0	12.0	28.0	25.0
IA	5.9	5.0	15.0	13.0	38.0	36.0
KY	8.0	8.0	15.0	15.0	43.0	39.0
MD	1.8	1.5	6.2	6.5	32.0	29.0
MI	4.5	5.0	7.5	7.0	21.0	18.0
MN	4.7	4.0	21.0	20.0	38.0	38.0
MO	5.2	5.0	17.0	17.0	31.0	31.0
NM	0.2	0.2			0.2	0.1
NY	2.0	2.0	9.0	8.0	29.0	29.0
NC	1.9	1.9	2.1	2.1	18.0	18.0
OH	9.7	9.0	13.0	13.0	32.0	31.0
OK	4.0	4.0	6.0	5.0	21.0	19.0
OR	0.7	0.7	1.3	1.3	7.0	7.0
PA	4.3	4.0	25.0	24.0	37.0	37.0
SD	5.5	4.0	9.5	11.0	27.0	26.0
TN	2.2	2.5	5.3	5.0	29.0	29.0
TX	1.0	1.0	1.4	1.0	6.6	5.0
UT	0.9	1.0	2.1	1.0	11.0	11.0
VT	0.9	1.0	8.1	7.0	31.0	31.0
VA	3.3	3.0	4.0	4.0	26.0	26.0
WA	0.2	0.3	0.6	0.7	3.2	3.0
WI	4.3	3.7	17.0	14.0	39.0	38.0
Oth Sts	3.5	3.5	6.5	6.5	26.0	24.0
US	2.9	2.6	9.1	8.1	22.0	20.9

See footnote(s) at end of table.

--continued

Milk Cows: Percent of Inventory by Size Group, Selected States, and United States, 2000-2001 ¹ (continued)

State	Inventory on Operations Having					
	100-199 Head		200-499 Head		500+ Head	
	2000	2001	2000	2001	2000	2001
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AZ	0.8	0.8	4.5	4.5	94.0	94.0
CA	2.9	2.4	16.5	15.0	80.0	82.0
CO	8.4	7.5	28.0	26.7	59.0	62.3
FL	3.2	3.0	13.0	12.5	82.0	83.0
GA	29.0	28.0	30.0	27.0	30.0	35.0
ID	7.8	5.6	16.0	13.0	70.0	76.0
IL	27.0	28.0	14.0	16.0	2.5	5.0
IN	26.0	24.0	10.0	10.0	9.5	20.0
IA	26.0	28.0	11.0	12.0	4.1	6.0
KY	23.0	27.0	9.0	8.5	2.0	2.5
MD	32.0	34.0	16.0	16.0	12.0	13.0
MI	30.0	27.0	20.0	21.0	17.0	22.0
MN	15.0	16.0	14.0	14.0	7.3	8.0
MO	36.0	36.0	7.5	7.5	3.3	3.5
NM	0.6	0.3	2.0	1.4	97.0	98.0
NY	28.0	27.0	18.0	18.0	14.0	16.0
NC	32.0	32.0	29.0	29.0	17.0	17.0
OH	29.0	28.0	12.0	13.0	4.3	6.0
OK	30.0	29.0	14.0	15.0	25.0	28.0
OR	22.0	21.0	33.0	32.0	36.0	38.0
PA	20.0	20.0	11.0	11.0	2.7	4.0
SD	27.0	25.0	13.0	14.0	18.0	20.0
TN	35.0	35.0	22.0	22.0	6.5	6.5
TX	17.0	14.0	32.0	31.0	42.0	48.0
UT	25.0	24.0	32.0	32.0	29.0	31.0
VT	25.0	23.0	22.0	22.0	13.0	16.0
VA	35.0	38.0	26.0	23.0	5.7	6.0
WA	12.0	11.0	29.0	28.0	55.0	57.0
WI	18.0	19.0	14.0	15.0	7.7	10.3
Oth Sts	28.0	26.0	21.0	22.0	15.0	18.0
US	18.0	17.4	16.7	16.4	31.3	34.6

¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys. Missing data combined with other size groups.

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 50,000 operators during the first half of January by mail, telephone, and face-to-face personal interviews and 83 percent of the reports were usable. 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 and item to item 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 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 for selected items in the following table. 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 inventory estimates over the past 20 years is .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 96.7 million head by more than .6 percent. Chances are 9 out of 10 that the difference will not exceed 1.0 percent.

The table below also shows a 20 year record of the range of differences between first and latest estimates for selected items. Using estimates of all cattle and calves as an example, changes between the first inventory estimate and the latest estimate during the past 20 years have averaged 455,000 head, ranging from 33,000 to 1,419,000 head. During this period the initial inventory estimate has been below the final estimate 6 times and above the final estimate 14 times. This does not imply that the January 1 estimate is likely to understate or overstate final inventory.

Reliability of January 1 Cattle Estimates^{1 2}

Item	Root Mean Square Error	90 Percent Confidence Level		Difference Between First and Latest Estimates			Number of Years	
		Percent	Head	Average	Smallest	Largest	First Above Latest	First Below Latest
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Cattle	0.6	1.0	961	455	33	1,419	14	6
All Cows	0.7	1.2	526	228	6	911	14	6
Calf Crop	0.7	1.2	460	195	5	630	12	8

¹ Based on data from January 1982 through January 2001.

² Data in the above table do not reflect the 1-3 percent changes made during the 1989-93 historic revision period. The root mean square error's would be about 1 percentage point higher if these were included.

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The next "Cattle" report will be released at 3 p.m. ET on July 19, 2002.

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