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January 1 Cattle Inventory Down 1 Percent

All cattle and calves in the United States as of January 1, 2003, totaled 96.1 million head, 1 percent below the 96.7 million on January 1, 2002 and 1 percent below the 97.3 million two years ago.

All cows and heifers that have calved, at 42.1 million, were down slightly from the 42.2 million on January 1, 2002 and down 1 percent from the 42.6 million two years ago.

- **Beef cows**, at 32.95 million, were down 1 percent from both January 1, 2002 and January 1, 2001.
- **Milk cows**, at 9.15 million, were up slightly from January 1, 2002 but down slightly from two years ago.

Other class estimates on January 1, 2003 and the change from January 1, 2002, are as follows:

- **All heifers** 500 pounds and over, 19.6 million, down slightly.
- **Beef replacement heifers**, 5.61 million, up 1 percent.
- **Milk replacement heifers**, 4.10 million, up 1 percent.
- **Other heifers**, 9.89 million, down 2 percent.
- **Steers** weighing 500 pounds and over, 16.6 million, down 1 percent.
- **Bulls** weighing 500 pounds and over, 2.25 million, up slightly.
- **Calves under 500 pounds**, 15.6 million, down 1 percent.
- **Cattle and calves on feed** for slaughter in all feedlots, 12.9 million, down 7 percent.
- The combined total of **calves under 500 pounds, and other heifers and steers over 500 pounds** outside of feedlots, 29.1 million, up 1 percent.

Calf Crop Down Slightly

The 2002 calf crop was estimated at 38.2 million head, down slightly from 2001 and down 1 percent from 2000. Calves born during the first half of the year are estimated at 27.9 million, down 1 percent from 2001 and down 2 percent from 2000.

Cattle Operations Down 2 Percent

The number of operations with cattle totaled 1.03 million during 2002, down 2 percent from 2001 and 4 percent below 2000. Beef cow operations in 2002 were down 1 percent from 2001 and 3 percent below 2000. Milk cow operations were 6 percent below last year and 13 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.

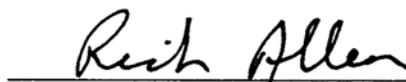
Revisions

All inventory and calf crop estimates for January 1, 2002 and July 1, 2002 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, 2002 inventory estimates by class without changing total inventory or the 2001 calf crop. Small adjustments of less than 1 percent were made to the preliminary 2002 calf crop set in July, and the July 1, 2002 inventory.

This report was approved on January 31, 2003.



Acting Secretary of
Agriculture
Keith J. Collins



Agricultural Statistics Board
Chairperson
Rich Allen

**Cattle and Calves: Number by Class and Calf Crop,
United States, January 1, 2001-2003 ¹**

Class	2001	2002	2003	2003 as % of 2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
Cattle and Calves	97,277	96,704	96,106	99
Cows and Heifers That Have Calved	42,580	42,229	42,099	100
Beef Cows	33,397	33,118	32,947	99
Milk Cows	9,183	9,112	9,152	100
Heifers 500 Pounds and Over	19,776	19,678	19,601	100
For Beef Cow Replacement	5,588	5,561	5,608	101
Expected to Calve ²	3,337	3,425	3,535	103
For Milk Cow Replacement	4,057	4,060	4,104	101
Expected to Calve ²	2,696	2,798	2,822	101
Other Heifers	10,131	10,057	9,890	98
Steers 500 Pounds and Over	16,441	16,790	16,590	99
Bulls 500 Pounds and Over	2,274	2,244	2,253	100
Calves Under 500 Pounds	16,206	15,763	15,563	99
Cattle on Feed	14,201	13,860	12,916	93
	2000	2001	2002	2002 as % of 2001
Calf Crop	38,631	38,280	38,193	100

¹ Totals may not add due to rounding.

² Replacement heifers expected to calve during the year.

**Cattle and Calves: Number Grazing on Small Grain Pasture,
3-State Total, January 1, 2001-2003**

Class	2001	2002	2003	2003 as % of 2002
	<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	3.70	132

Cattle and Calves: Balance Sheet, United States, 2000-2002 ¹

Item	2000	2001	2002
	<i>Million Head</i>	<i>Million Head</i>	<i>Million Head</i>
January 1 Beginning Inventory	98.2	97.3	96.7
Calf Crop and Imports	40.8	40.7	40.6
Total Supply ²	139.0	138.0	137.3
Slaughter	37.6	36.6	37.0
Deaths and Exports	4.6	4.7	4.3
Total Disappearance ²	42.2	41.2	41.3
Residual ²	0.4	-0.1	0.1
January 1 Ending Inventory	97.3	96.7	96.1

¹ Final 2001 and preliminary 2002 estimates will be published in the "Meat Animals - Production, Disposition and Income" report published in April 2003.

² Totals may not add due to rounding.

**Cattle and Calves: Number by Class, State, and United States,
January 1, 2002-2003**

State	All Cattle and Calves			All Cows That Have Calved		
	2002	2003	2003 as % of 2002	2002	2003	2003 as % of 2002
	<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	1,370	1,440	105	770	780	101
AK	11.5	11.5	100	5.5	5.6	102
AZ	840	820	98	325	315	97
AR	1,820	1,850	102	960	980	102
CA	5,200	5,250	101	2,380	2,420	102
CO	3,050	2,650	87	890	800	90
CT	61	56	92	32	29	91
DE	26	25	96	13	13	100
FL	1,780	1,750	98	1,110	1,100	99
GA	1,240	1,290	104	680	710	104
HI	152	150	99	85	85	100
ID	1,990	2,000	101	870	880	101
IL	1,430	1,360	95	560	540	96
IN	880	860	98	380	375	99
IA	3,550	3,600	101	1,190	1,200	101
KS	6,600	6,350	96	1,600	1,630	102
KY	2,300	2,430	106	1,200	1,240	103
LA	850	860	101	520	520	100
ME	97	93	96	48	46	96
MD	245	240	98	122	121	99
MA	51	49	96	27	25	93
MI	990	990	100	370	390	105
MN	2,550	2,470	97	910	880	97
MS	1,100	1,070	97	610	590	97
MO	4,350	4,500	103	2,200	2,250	102
MT	2,450	2,400	98	1,470	1,420	97
NE	6,400	6,200	97	2,000	2,000	100
NV	500	510	102	265	270	102
NH	41	40	98	22	21	95
NJ	44	46	105	21	22	105
NM	1,580	1,590	101	790	780	99
NY	1,390	1,450	104	750	760	101
NC	950	920	97	500	480	96
ND	1,970	1,880	95	1,050	1,010	96
OH	1,250	1,220	98	540	520	96
OK	5,200	5,400	104	2,020	2,130	105
OR	1,400	1,360	97	710	710	100
PA	1,640	1,630	99	740	740	100
RI	5.5	5.5	100	2.8	3.0	107
SC	430	435	101	230	230	100
SD	3,950	3,700	94	1,890	1,780	94
TN	2,200	2,270	103	1,150	1,190	103
TX	13,600	14,000	103	5,750	5,800	101
UT	920	880	96	450	430	96
VT	285	280	98	166	163	98
VA	1,650	1,630	99	810	800	99
WA	1,130	1,100	97	500	495	99
WV	415	405	98	215	210	98
WI	3,300	3,300	100	1,510	1,500	99
WY	1,470	1,290	88	820	710	87
US	96,704.0	96,106.0	99	42,229.3	42,098.6	100

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 2002-2003 (continued)**

State	Beef Cows That Have Calved			Milk Cows That Have Calved		
	2002	2003	2003 as % of 2002	2002	2003	2003 as % of 2002
	<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	750	761	101	20	19	95
AK	4.3	4.3	100	1.2	1.3	108
AZ	185	165	89	140	150	107
AR	927	949	102	33	31	94
CA	760	740	97	1,620	1,680	104
CO	797	702	88	93	98	105
CT	8	6	75	24	23	96
DE	4	4	100	9	9	100
FL	958	953	99	152	147	97
GA	594	625	105	86	85	99
HI	78	79	101	7	6	86
ID	493	490	99	377	390	103
IL	445	426	96	115	114	99
IN	226	230	102	154	145	94
IA	985	992	101	205	208	101
KS	1,505	1,525	101	95	105	111
KY	1,075	1,120	104	125	120	96
LA	466	471	101	54	49	91
ME	10	10	100	38	36	95
MD	41	41	100	81	80	99
MA	6	5	83	21	20	95
MI	73	89	122	297	301	101
MN	410	400	98	500	480	96
MS	576	557	97	34	33	97
MO	2,060	2,116	103	140	134	96
MT	1,451	1,402	97	19	18	95
NE	1,932	1,934	100	68	66	97
NV	240	245	102	25	25	100
NH	4	4	100	18	17	94
NJ	8	9	113	13	13	100
NM	500	470	94	290	310	107
NY	75	80	107	675	680	101
NC	434	417	96	66	63	95
ND	1,008	973	97	42	37	88
OH	280	260	93	260	260	100
OK	1,933	2,042	106	87	88	101
OR	605	593	98	105	117	111
PA	152	150	99	588	590	100
RI	1.4	1.6	114	1.4	1.4	100
SC	210	210	100	20	20	100
SD	1,792	1,686	94	98	94	96
TN	1,060	1,106	104	90	84	93
TX	5,440	5,489	101	310	311	100
UT	357	339	95	93	91	98
VT	12	10	83	154	153	99
VA	690	682	99	120	118	98
WA	253	248	98	247	247	100
WV	199	195	98	16	15	94
WI	230	235	102	1,280	1,265	99
WY	815	706	87	5	4	80
US	33,117.7	32,946.9	99	9,111.6	9,151.7	100

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 2002-2003 (continued)**

State	Heifers 500 Pounds and Over					
	Beef Cow Replacement		Milk Cow Replacement		Other	
	2002	2003	2002	2003	2002	2003
	<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	102	118	7	7	41	40
AK	0.7	0.7	0.5	0.6	0.4	0.3
AZ	36	34	33	35	17	20
AR	165	180	15	10	65	75
CA	135	130	770	790	170	170
CO	120	102	40	38	750	650
CT	2.0	1.0	11.5	11.0	1.5	1.5
DE	0.9	0.6	3.5	3.3	1.6	1.1
FL	140	130	40	40	25	25
GA	87	90	29	29	30	36
HI	10	12	3	3	7	6
ID	85	90	175	190	200	195
IL	65	60	50	50	190	160
IN	42	41	66	55	62	56
IA	140	130	120	100	590	600
KS	230	250	40	50	1,650	1,620
KY	170	175	40	45	100	130
LA	81	86	11	10	17	17
ME	4.0	4.5	20.0	19.0	1.0	1.5
MD	14	11	33	32	9	9
MA	2.0	1.0	9.0	10.0	1.0	1.0
MI	30	35	135	135	45	42
MN	100	100	295	295	180	180
MS	98	95	15	15	27	25
MO	280	305	60	55	290	320
MT	370	380	13	11	177	179
NE	285	280	25	20	1,420	1,390
NV	44	46	10	11	38	35
NH	1.0	1.5	8.0	8.0	0.5	0.5
NJ	3	3	6	6	2	2
NM	100	90	60	70	110	110
NY	20	25	300	325	40	40
NC	73	73	30	28	20	19
ND	155	155	15	13	260	230
OH	70	70	110	110	70	70
OK	330	380	20	30	480	500
OR	155	115	55	60	115	110
PA	40	45	285	280	45	50
RI	0.4	0.3	0.7	0.6	0.1	0.1
SC	38	38	8	8	13	15
SD	300	290	30	30	540	470
TN	175	200	40	40	75	75
TX	750	760	100	110	1,650	1,710
UT	75	75	44	45	71	70
VT	4	4	58	59	4	4
VA	120	120	60	48	70	67
WA	48	55	105	105	127	115
WV	40	35	5	7	25	23
WI	60	65	650	650	90	75
WY	165	120	1	1	144	149
US	5,561.0	5,607.6	4,060.2	4,103.5	10,057.1	9,890.0

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 2002-2003 (continued)**

State	Steers 500 Pounds and Over		Bulls 500 Pounds and Over		Calves Under 500 Pounds	
	2002	2003	2002	2003	2002	2003
	<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	75	50	55	340	365
AK	0.8	0.8	1.2	1.1	2.4	2.4
AZ	250	250	22	21	157	145
AR	145	130	50	55	420	420
CA	640	615	65	65	1,040	1,060
CO	1,010	870	45	40	195	150
CT	2.0	2.5	1.0	1.0	11.0	10.0
DE	2.0	1.9	0.4	0.4	4.6	4.7
FL	25	25	60	60	380	370
GA	40	50	39	40	335	335
HI	8	7	4	5	35	32
ID	360	360	40	35	260	250
IL	285	280	25	25	255	245
IN	120	128	20	20	190	185
IA	960	1,040	70	70	480	460
KS	2,280	1,970	85	90	715	740
KY	215	220	75	80	500	540
LA	24	24	32	33	165	170
ME	4.0	3.5	1.5	1.5	18.5	17.0
MD	18	23	4	4	45	40
MA	2.0	2.5	1.0	1.0	9.0	8.5
MI	195	195	17	18	198	175
MN	480	470	35	35	550	510
MS	55	56	40	39	255	250
MO	480	485	120	125	920	960
MT	245	240	100	100	75	70
NE	2,120	2,000	100	100	450	410
NV	50	52	15	16	78	80
NH	1.5	1.5	0.5	0.5	7.5	7.0
NJ	3	4	1	1	8	8
NM	200	230	50	50	270	260
NY	37	37	18	18	225	245
NC	43	48	34	32	250	240
ND	315	300	57	56	118	116
OH	160	180	30	30	270	240
OK	1,160	1,230	130	135	1,060	995
OR	160	150	40	40	165	175
PA	175	170	25	25	330	320
RI	0.5	0.5	0.2	0.2	0.8	0.8
SC	13	15	17	17	111	112
SD	750	730	95	90	345	310
TN	118	140	72	75	570	550
TX	2,540	2,750	370	370	2,440	2,500
UT	126	125	24	22	130	113
VT	3.0	3.0	3.0	3.0	47.0	44.0
VA	175	190	40	40	375	365
WA	189	177	24	23	137	130
WV	45	43	15	14	70	73
WI	330	320	30	30	630	660
WY	170	170	50	45	120	95
US	16,789.8	16,590.2	2,243.8	2,252.7	15,762.8	15,563.4

Calf Crop: Number by State and United States, 2001-2002

State	2001	2002	2002 as % 2001
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	680	690	101
AK	3.8	3.7	97
AZ	270	265	98
AR	820	850	104
CA	1,990	2,040	103
CO	840	820	98
CT	27	24	89
DE	10	10	100
FL	940	930	99
GA	580	600	103
HI	66	63	95
ID	860	860	100
IL	510	490	96
IN	345	340	99
IA	1,120	1,110	99
KS	1,480	1,510	102
KY	1,080	1,110	103
LA	405	415	102
ME	44	42	95
MD	103	102	99
MA	22	19	86
MI	335	340	101
MN	890	880	99
MS	540	500	93
MO	2,060	2,090	101
MT	1,550	1,490	96
NE	1,820	1,820	100
NV	225	220	98
NH	19	19	100
NJ	18	18	100
NM	610	600	98
NY	620	640	103
NC	450	445	99
ND	1,000	1,000	100
OH	480	470	98
OK	1,890	1,930	102
OR	660	660	100
PA	660	660	100
RI	2.6	2.6	100
SC	185	185	100
SD	1,850	1,840	99
TN	1,050	1,060	101
TX	5,050	5,000	99
UT	400	390	98
VT	145	140	97
VA	720	730	101
WA	460	450	98
WV	195	190	97
WI	1,360	1,350	99
WY	840	780	93
US	38,280.4	38,193.3	100

**Cattle and Calves: Total Number on Feed by State
and United States, January 1, 2002-2003 ¹**

State	2002	2003	2003 as % of 2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	4.0	5.0	125
AZ	305.0	289.0	95
AR	15.0	15.0	100
CA	480.0	490.0	102
CO	1,210.0	1,040.0	86
GA	3.0	3.0	100
ID	335.0	300.0	90
IL	200.0	190.0	95
IN	115.0	115.0	100
IA	955.0	980.0	103
KS	2,530.0	2,240.0	89
KY	15.0	10.0	67
MD	13.0	13.0	100
MI	190.0	180.0	95
MN	270.0	270.0	100
MO	70.0	70.0	100
MT	70.0	70.0	100
NE	2,370.0	2,260.0	95
NV	20.0	12.0	60
NJ	2.0	2.0	100
NM	108.0	119.0	110
NY	25.0	20.0	80
NC	5.0	4.0	80
ND	62.0	70.0	113
OH	180.0	180.0	100
OK	365.0	335.0	92
OR	50.0	55.0	110
PA	75.0	75.0	100
SC	4.0	4.0	100
SD	355.0	365.0	103
TN	10.0	5.0	50
TX	2,890.0	2,640.0	91
UT	25.0	30.0	120
VA	27.0	29.0	107
WA	250.0	190.0	76
WV	8.0	7.0	88
WI	160.0	150.0	94
WY	80.0	75.0	94
Oth Sts ²	9.3	8.8	95
US	13,860.3	12,915.8	93

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, 2000-2002**

Class	2000	2001	2002 ¹	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	106,300	105,800	105,100	99
Cows and Heifers That Have Calved	43,200	43,000	42,900	100
Beef Cows	33,950	33,900	33,750	100
Milk Cows	9,250	9,100	9,150	101
Heifers 500 Pounds and Over	16,500	16,400	16,200	99
For Beef Cow Replacement	4,700	4,600	4,600	100
For Milk Cow Replacement	3,700	3,600	3,700	103
Other Heifers	8,100	8,200	7,900	96
Steers 500 Pounds and Over	14,300	14,600	14,500	99
Bulls 500 Pounds and Over	2,100	2,100	2,100	100
Calves Under 500 Pounds	30,200	29,700	29,400	99
Calf Crop	38,631	38,280	38,193	100
Cattle on Feed	12,300	13,000	12,400	95

¹ Revised.

**Calf Crop: Number and Percent of Total by Six Month Period,
United States, 2000-2002**

Period	2000		2001		2002 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	28,400.0	73.5	28,100.0	73.4	27,900.0	73.0
Jul 1 - Dec 31	10,230.6	26.5	10,180.4	26.6	10,293.3	27.0
Total	38,630.6	100.0	38,280.4	100.0	38,193.3	100.0

¹ Revised.

**Cattle and Calves: Balance Sheet, United States,
January 1 - June 30, 2000-2002**

Item	2000	2001	2002
	<i>Million Head</i>	<i>Million Head</i>	<i>Million Head</i>
January 1 Inventory	98.2	97.3	96.7
Calf Crop and Imports	29.5	29.4	29.1
Total Supply ¹	127.7	126.7	125.8
Slaughter	18.9	18.1	18.1
Deaths and Exports	2.6	2.7	2.5
Total Disappearance ¹	21.5	20.8	20.7
Residual ¹	0.1	-0.1	0.0
July 1 Inventory	106.3	105.8	105.1

¹ Totals may not add due to rounding.

**Cattle and Calves: Number by Class, Selected States,
and United States, July 1, 2001-2002**

State	All Cattle and Calves			All Cows That Have Calved		
	2001	2002 ¹	2002 as % of 2001	2001	2002 ¹	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>
CA	5,200	5,200	100	2,360	2,400	102
CO	3,300	3,050	92	930	880	95
IA	3,850	4,000	104	1,220	1,240	102
KS	6,900	6,550	95	1,730	1,650	95
MO	4,650	4,650	100	2,200	2,180	99
MT	3,500	3,350	96	1,570	1,480	94
NE	7,250	7,050	97	2,100	2,030	97
OK	5,400	5,600	104	2,050	2,100	102
SD	5,100	5,000	98	2,050	2,020	99
TX	15,000	15,000	100	6,000	6,100	102
WI	3,600	3,550	99	1,540	1,510	98
Oth Sts	42,050	42,100	100	19,250	19,310	100
US	105,800	105,100	99	43,000	42,900	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	770	750	97	1,590	1,650	104
CO	838	776	93	92	104	113
IA	1,010	1,030	102	210	210	100
KS	1,640	1,547	94	90	103	114
MO	2,053	2,043	100	147	137	93
MT	1,551	1,462	94	19	18	95
NE	2,029	1,963	97	71	67	94
OK	1,961	2,012	103	89	88	99
SD	1,951	1,923	99	99	97	98
TX	5,675	5,795	102	325	305	94
WI	250	245	98	1,290	1,265	98
Oth Sts	14,172	14,204	100	5,078	5,106	101
US	33,900	33,750	100	9,100	9,150	101

¹ Revised.

**Cattle and Calves: Number of Operations and Percent of Inventory
by Size Group, United States, 2001-2002 ¹**

Head	Operations		Percent of Inventory	
	2001	2002	2001	2002
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>
Cattle and Calves ²				
1-49	653,750	642,850	11.5	11.7
50-99	179,070	174,750	12.4	12.2
100-499	188,580	186,930	36.2	36.2
500-999	18,720	18,365	12.4	12.4
1,000-1,999	6,320	6,290	7.4	7.5
2,000-4,999	2,550	2,600	6.8	7.0
5,000-9,999	510	480	3.3	3.2
10,000-19,999	220	225	2.8	2.8
20,000+	190	180	7.2	7.0
Total	1,049,910	1,032,670		
Beef Cows ³				
1-49	637,900	630,300	28.9	29.0
50-99	99,320	98,650	19.2	19.2
100-499	70,890	70,740	37.0	37.5
500-999	4,180	4,080	7.8	7.6
1,000-1,999	1,050	1,020	3.8	3.7
2,000-4,999	260	245	2.0	1.8
5,000+	50	45	1.3	1.2
Total	813,650	805,080		
Milk Cows ⁴				
1-29	28,125	25,680	2.6	2.3
30-49	19,870	18,525	8.1	7.5
50-99	29,195	27,865	20.9	20.1
100-199	12,335	11,860	17.4	16.7
200-499	5,195	5,155	16.4	16.1
500-999	1,700	1,750	12.0	12.5
1,000-1,999	770	775	11.5	11.5
2,000+	320	380	11.1	13.3
Total	97,510	91,990		

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, 2001-2002 ¹**

State	Operations With Cattle and Calves	
	2001 <i>Number</i>	2002 <i>Number</i>
AL	26,000	26,000
AK	130	120
AZ	3,000	2,900
AR	30,000	30,000
CA	21,000	20,000
CO	14,600	14,300
CT	1,200	1,200
DE	480	450
FL	19,500	19,000
GA	22,000	21,000
HI	800	800
ID	11,500	11,500
IL	24,000	23,000
IN	20,000	19,000
IA	35,000	34,000
KS	35,000	34,000
KY	47,000	46,000
LA	15,000	15,000
ME	1,800	1,800
MD	4,500	4,400
MA	1,200	1,200
MI	15,500	15,000
MN	29,000	29,000
MS	23,000	23,000
MO	67,000	68,000
MT	13,300	12,500
NE	26,000	25,000
NV	1,700	1,700
NH	900	900
NJ	1,700	1,600
NM	8,500	8,500
NY	16,000	15,000
NC	25,000	24,000
ND	13,300	13,000
OH	27,000	26,000
OK	59,000	60,000
OR	16,200	16,200
PA	28,000	28,000
RI	200	200
SC	11,000	11,000
SD	19,500	19,000
TN	52,000	51,000
TX	151,000	151,000
UT	8,000	7,800
VT	3,000	2,900
VA	26,000	25,000
WA	15,000	14,500
WV	13,000	13,000
WI	40,000	38,000
WY	6,400	6,200
US	1,049,910	1,032,670

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, 2001-2002 ¹**

State	Operations Having					
	1-49 Head		50-99 Head		100-499 Head	
	2001	2002	2001	2002	2001	2002
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	18,000	18,000	4,400	4,400	3,300	3,300
AZ	1,750	1,650	370	380	610	610
AR	19,500	19,500	5,800	5,800	4,400	4,400
CA	13,700	12,900	1,900	1,800	3,100	3,000
CO	7,800	7,700	2,160	2,000	3,500	3,500
FL	14,500	14,200	2,300	2,200	2,050	1,950
GA	15,000	14,200	3,890	3,800	2,800	2,700
ID	6,600	6,600	1,640	1,600	2,500	2,500
IL	15,400	14,700	4,500	4,400	3,880	3,680
IN	15,100	14,400	2,900	2,700	1,890	1,780
IA	15,800	15,600	7,800	7,300	10,300	10,100
KS	16,400	16,000	7,100	6,900	9,700	9,400
KY	33,000	32,000	8,200	8,200	5,550	5,550
LA	10,800	11,000	2,000	1,800	2,000	2,000
MD	3,100	3,000	670	630	700	730
MI	10,800	10,400	2,100	2,040	2,350	2,300
MN	14,700	14,700	6,800	6,800	7,000	7,000
MS	16,000	15,900	3,800	3,800	3,000	3,120
MO	41,000	42,000	14,600	14,500	10,800	10,800
MT	4,800	4,600	2,350	2,000	4,800	4,700
NE	9,100	8,700	5,400	5,100	9,000	8,700
NM	5,000	5,000	1,100	1,100	1,700	1,750
NY	8,900	8,000	2,900	2,800	3,880	3,860
NC	19,900	18,800	3,100	3,200	1,900	1,900
ND	3,800	3,600	3,150	2,950	5,700	5,800
OH	20,500	19,500	3,200	3,200	3,120	3,100
OK	36,000	37,000	10,700	10,600	10,800	10,900
OR	12,400	12,400	1,400	1,400	1,740	1,740
PA	16,300	16,500	7,100	6,900	4,420	4,430
SD	5,000	4,700	3,400	3,400	9,200	9,000
TN	39,500	38,000	7,800	7,800	4,500	5,000
TX	103,000	103,000	22,000	22,000	22,300	22,300
UT	4,600	4,400	1,200	1,300	1,800	1,700
VT	1,400	1,300	650	700	880	830
VA	17,000	16,000	4,700	4,700	4,000	4,000
WA	11,700	11,400	1,290	1,200	1,600	1,500
WI	17,000	16,100	10,200	9,400	12,100	11,800
WY	1,900	2,400	1,100	650	2,500	2,300
Oth Sts	27,000	27,000	3,400	3,300	3,210	3,200
US	653,750	642,850	179,070	174,750	188,580	186,930

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, 2001-2002 ¹ (continued)

State	Operations Having			
	500-999 Head		1,000+ Head	
	2001	2002	2001	2002
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	250	240	50	60
AZ	120	120	150	140
AR	240	230	60	70
CA	1,100	1,100	1,200	1,200
CO	680	650	460	450
FL	350	350	300	300
GA	250	250	60	50
ID	440	460	320	340
IL	180	170	40	50
IN	80	90	30	30
IA	800	700	300	300
KS	1,150	1,050	650	650
KY	200	200	50	50
LA	160	160	40	40
MD	20	30	10	10
MI	180	180	70	80
MN	380	380	120	120
MS	150	130	50	50
MO	460	580	140	120
MT	1,000	850	350	350
NE	1,400	1,500	1,100	1,000
NM	350	320	350	330
NY	230	240	90	100
NC	80	80	20	20
ND	550	550	100	100
OH	150	160	30	40
OK	950	950	550	550
OR	420	410	240	250
PA	150	140	30	30
SD	1,350	1,400	550	500
TN	170	165	30	35
TX	2,400	2,300	1,300	1,400
UT	270	270	130	130
VT	50	50	20	20
VA	250	250	50	50
WA	270	260	140	140
WI	570	550	130	150
WY	600	550	300	300
Oth Sts	320	300	180	170
US	18,720	18,365	9,790	9,775

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

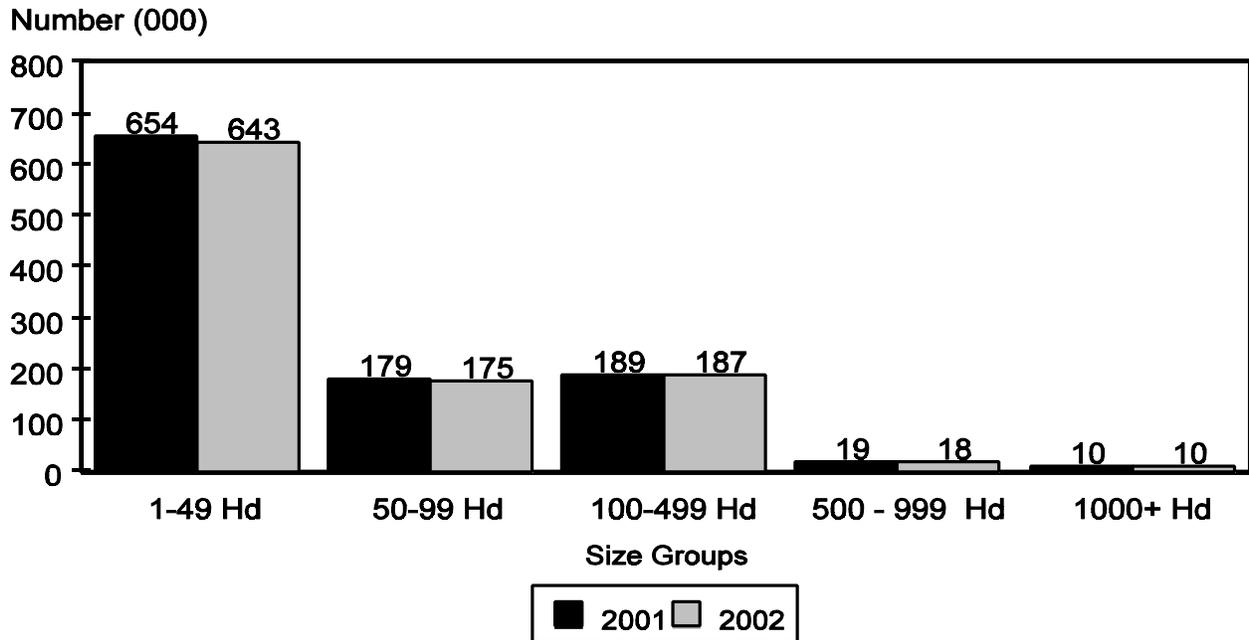
**Cattle and Calves: Percent of Inventory by Size Group,
Selected States, and United States, 2001-2002 ¹**

State	Inventory on Operations Having									
	1-49 Head		50-99 Head		100-499 Head		500-999 Head		1,000+ Head	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
	<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	26.0	21.0	21.0	39.0	38.0	10.5	9.5	4.5	5.5
AZ	2.0	2.5	2.3	2.5	14.0	14.0	8.7	9.0	73.0	72.0
AR	22.0	21.0	22.0	22.0	42.0	42.0	7.5	7.5	6.5	7.5
CA	3.2	2.9	2.8	2.6	15.0	14.5	15.0	15.0	64.0	65.0
CO	3.8	4.0	4.7	4.5	23.0	24.0	14.5	14.5	54.0	53.0
FL	11.0	11.5	8.8	8.5	24.0	23.0	13.2	13.0	43.0	44.0
GA	20.0	20.0	21.0	21.0	40.0	40.0	11.5	12.0	7.5	7.0
ID	5.3	5.0	5.7	5.5	26.0	25.0	15.0	15.5	48.0	49.0
IL	20.0	19.5	21.0	21.0	46.0	46.0	8.2	7.7	4.8	5.8
IN	30.0	29.0	22.0	21.0	36.0	36.0	5.8	6.8	6.2	7.2
IA	7.5	8.0	14.5	14.0	51.0	52.0	13.0	12.0	14.0	14.0
KS	5.3	5.2	7.2	7.0	29.5	29.0	11.0	10.8	47.0	48.0
KY	28.0	28.0	23.0	23.0	40.0	40.0	5.2	5.5	3.8	3.5
LA	23.0	24.0	16.0	14.0	43.0	43.0	11.0	11.5	7.0	7.5
MD	16.0	15.0	17.0	16.0	55.0	55.0	5.7	8.5	6.3	5.5
MI	16.0	16.0	15.0	14.0	45.0	43.0	12.0	12.0	12.0	15.0
MN	13.0	13.0	19.0	19.0	50.0	50.0	10.0	10.0	8.0	8.0
MS	22.0	22.0	22.0	22.0	40.0	41.0	8.0	7.0	8.0	8.0
MO	19.0	19.0	23.0	22.0	46.0	46.0	7.0	8.5	5.0	4.5
MT	2.5	2.2	6.5	5.8	40.0	42.0	26.0	23.0	25.0	27.0
NE	2.4	2.5	5.6	5.5	28.0	29.0	14.0	16.0	50.0	47.0
NM	5.2	5.0	4.8	4.5	22.0	21.0	15.0	13.5	53.0	56.0
NY	11.0	10.0	16.0	15.0	51.0	50.0	11.0	12.0	11.0	13.0
NC	30.0	29.0	22.3	23.2	38.0	38.0	5.9	6.0	3.8	3.8
ND	4.6	4.3	10.0	9.7	61.0	61.0	17.0	17.0	7.4	8.0
OH	26.0	25.0	17.5	17.3	45.0	45.0	7.5	7.9	4.0	4.8
OK	14.0	14.0	14.0	13.0	37.0	38.0	12.0	12.0	23.0	23.0
OR	12.0	12.0	7.0	6.5	25.0	26.0	20.0	19.5	36.0	36.0
PA	17.0	17.0	29.0	28.0	45.0	46.0	5.8	5.6	3.2	3.4
SD	2.7	2.5	5.8	6.0	50.0	50.0	21.0	23.0	20.5	18.5
TN	33.0	32.0	25.0	23.0	35.0	38.0	5.1	4.8	1.9	2.2
TX	12.0	13.0	11.0	11.0	30.0	29.0	11.0	11.0	36.0	36.0
UT	8.0	7.5	9.0	9.5	41.0	41.0	19.0	19.0	23.0	23.0
VT	7.5	6.5	16.0	17.5	54.0	52.0	11.5	12.0	11.0	12.0
VA	20.0	20.0	19.0	19.0	46.0	46.0	10.0	10.0	5.0	5.0
WA	9.0	10.0	7.0	7.0	28.0	27.0	16.0	15.0	40.0	41.0
WI	9.0	9.0	19.0	19.0	56.0	55.0	10.5	11.0	5.5	6.0
WY	1.8	3.1	4.2	2.9	32.0	32.0	26.0	24.0	36.0	38.0
Oth Sts	21.0	21.0	13.0	13.0	32.0	33.0	12.0	11.0	22.0	22.0
US	11.5	11.7	12.4	12.2	36.2	36.2	12.4	12.4	27.5	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.

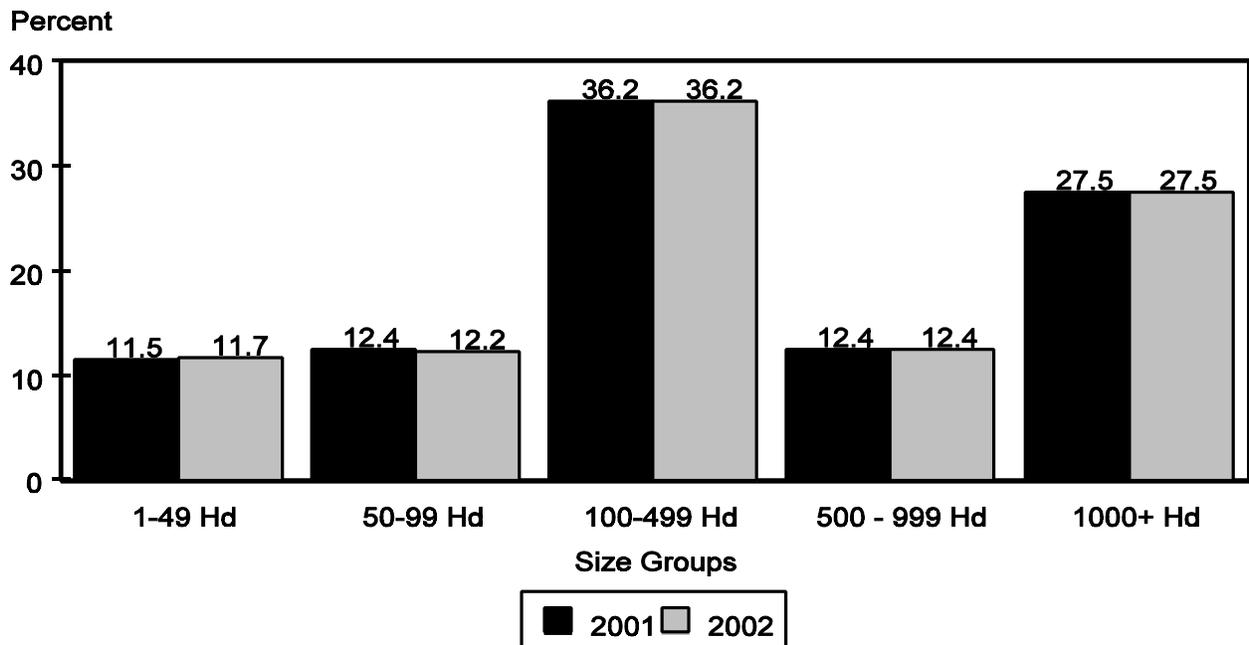
U. S. Cattle Operations

Number by Size Group, 2001-2002



U. S. Cattle Inventory

Percent by Size Group, 2001-2002



Beef Cows: Number of Operations by State and United States, 2001-2002 ¹

State	Operations With Beef Cows ²	
	2001 <i>Number</i>	2002 <i>Number</i>
AL	25,000	25,000
AK	90	80
AZ	2,100	2,000
AR	27,000	27,000
CA	13,500	12,500
CO	11,000	10,500
CT	800	800
DE	240	230
FL	16,500	16,500
GA	21,000	20,000
HI	700	700
ID	7,600	7,600
IL	16,500	15,800
IN	13,000	12,000
IA	26,000	26,000
KS	29,000	28,000
KY	39,000	39,000
LA	13,200	13,000
ME	1,000	1,000
MD	2,800	2,700
MA	700	700
MI	7,000	7,000
MN	15,500	15,500
MS	21,000	21,000
MO	57,000	58,000
MT	11,900	11,400
NE	22,000	22,000
NV	1,400	1,400
NH	530	530
NJ	950	900
NM	6,900	6,800
NY	6,200	6,000
NC	22,000	21,000
ND	12,000	11,800
OH	17,000	16,000
OK	49,000	50,000
OR	12,700	12,600
PA	11,100	11,200
RI	140	140
SC	10,000	10,000
SD	17,000	16,800
TN	45,000	44,000
TX	133,000	133,000
UT	5,700	5,600
VT	1,000	1,000
VA	22,000	22,000
WA	10,400	10,100
WV	11,000	11,000
WI	12,000	12,000
WY	5,500	5,200
US	813,650	805,080

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, 2001-2002^{1 2}

State	Operations Having							
	1-49 Head		50-99 Head		100-499 Head		500+ Head	
	2001	2002	2001	2002	2001	2002	2001	2002
	<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	20,000	20,000	3,300	3,250	1,650	1,700	50	50
AZ	1,400	1,300	210	220	410	400	80	80
AR	22,000	22,000	3,300	3,200	1,630	1,730	70	70
CA	10,500	9,700	990	810	1,700	1,700	310	290
CO	6,700	6,300	1,740	1,700	2,300	2,250	260	250
FL	13,200	13,300	1,600	1,600	1,400	1,320	300	280
GA	17,500	16,700	2,200	2,000	1,270	1,270	30	30
ID	5,200	5,200	950	930	1,300	1,300	150	170
IL	14,200	13,500	1,690	1,650	600	640	10	10
IN	12,100	11,200	700	600	200	200		
IA	18,900	19,000	4,800	4,600	2,250	2,350	50	50
KS	19,200	18,600	5,400	5,200	4,230	4,020	170	180
KY	33,500	33,400	3,700	4,000	1,770	1,570	30	30
LA	10,900	10,600	1,200	1,300	1,060	1,060	40	40
MN	13,300	13,300	1,600	1,500	585	680	15	20
MS	17,100	17,100	2,800	2,800	1,060	1,060	40	40
MO	45,000	46,000	8,300	8,200	3,600	3,700	100	100
MT	5,000	4,800	2,300	2,130	4,100	4,000	500	470
NE	12,200	12,200	4,300	4,200	4,930	5,070	570	530
NM	4,500	4,500	970	950	1,200	1,150	230	200
NC	19,800	18,800	1,630	1,600	560	590	10	10
ND	5,300	5,000	3,220	3,220	3,400	3,500	80	80
OH	16,100	15,000	700	800	190	190	10	10
OK	37,500	38,500	7,300	7,400	4,000	3,900	200	200
OR	10,200	10,100	1,200	1,100	1,100	1,180	200	220
PA	10,600	10,600	380	470	120	130		
SD	7,000	6,800	3,690	3,670	5,900	5,900	410	430
TN	40,000	39,000	3,600	3,600	1,385	1,380	15	20
TX	104,000	104,000	17,000	17,000	11,100	11,100	900	900
UT	3,700	3,600	950	950	960	960	90	90
VA	18,100	18,000	2,700	2,800	1,160	1,170	40	30
WA	9,000	8,900	750	600	590	550	60	50
WY	2,200	2,300	1,150	900	1,800	1,700	350	300
Oth Sts	52,000	51,000	3,000	3,700	1,380	1,320	170	160
US	637,900	630,300	99,320	98,650	70,890	70,740	5,540	5,390

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, 2001-2002^{1 2}

State	Inventory on Operations Having							
	1-49 Head		50-99 Head		100-499 Head		500+ Head	
	2001	2002	2001	2002	2001	2002	2001	2002
	<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	39.0	41.0	25.5	24.5	31.0	30.0	4.5	4.5
AZ	7.5	8.5	6.5	7.5	37.0	37.0	49.0	47.0
AR	42.0	42.0	23.5	22.0	29.0	30.0	5.5	6.0
CA	12.5	12.2	8.5	6.8	45.0	45.0	34.0	36.0
CO	12.0	13.0	14.0	15.0	50.0	49.0	24.0	23.0
FL	16.0	17.0	11.0	11.0	27.0	27.0	46.0	45.0
GA	41.0	42.0	23.0	22.0	33.0	33.0	3.0	3.0
ID	14.0	14.0	13.0	12.0	48.0	47.0	25.0	27.0
IL	55.0	52.0	25.0	25.0	18.5	21.0	1.5	2.0
IN	71.0	71.0	18.0	17.0	11.0	12.0		
IA	35.0	34.0	31.0	30.0	31.0	33.0	3.0	3.0
KS	24.5	24.5	23.0	23.0	44.0	44.0	8.5	8.5
KY	52.0	52.0	22.2	24.1	24.0	22.0	1.8	1.9
LA	36.0	35.0	17.0	18.0	40.0	40.0	7.0	7.0
MN	49.0	49.0	26.0	24.0	22.2	24.0	2.8	3.0
MS	40.0	38.0	26.0	26.0	29.0	30.0	5.0	6.0
MO	43.0	42.0	26.0	26.0	27.0	28.0	4.0	4.0
MT	6.0	6.0	10.0	10.0	56.0	57.0	28.0	27.0
NE	12.0	12.0	15.0	15.0	47.0	49.0	26.0	24.0
NM	10.0	11.0	12.0	12.0	42.0	43.0	36.0	34.0
NC	55.0	55.0	23.0	23.0	20.0	20.0	2.0	2.0
ND	12.5	11.0	21.0	21.0	61.0	62.0	5.5	6.0
OH	72.0	69.0	15.0	18.0	10.5	10.5	2.5	2.5
OK	33.0	34.0	24.0	24.0	35.0	34.0	8.0	8.0
OR	18.0	18.0	11.0	10.0	39.0	39.0	32.0	33.0
PA	71.0	67.0	16.0	19.0	13.0	14.0		
SD	9.0	8.5	14.0	13.5	61.0	61.0	16.0	17.0
TN	55.0	56.0	23.0	22.6	20.9	20.0	1.1	1.4
TX	29.0	29.0	20.0	20.0	35.0	37.0	16.0	14.0
UT	14.0	13.0	16.0	16.0	48.0	49.0	22.0	22.0
VA	43.0	43.0	26.0	26.0	27.0	28.0	4.0	3.0
WA	26.0	30.0	18.0	15.0	39.0	38.0	17.0	17.0
WY	5.5	6.0	9.5	8.0	46.0	48.0	39.0	38.0
Oth Sts	46.0	46.0	16.0	20.0	21.0	19.0	17.0	15.0
US	28.9	29.0	19.2	19.2	37.0	37.5	14.9	14.3

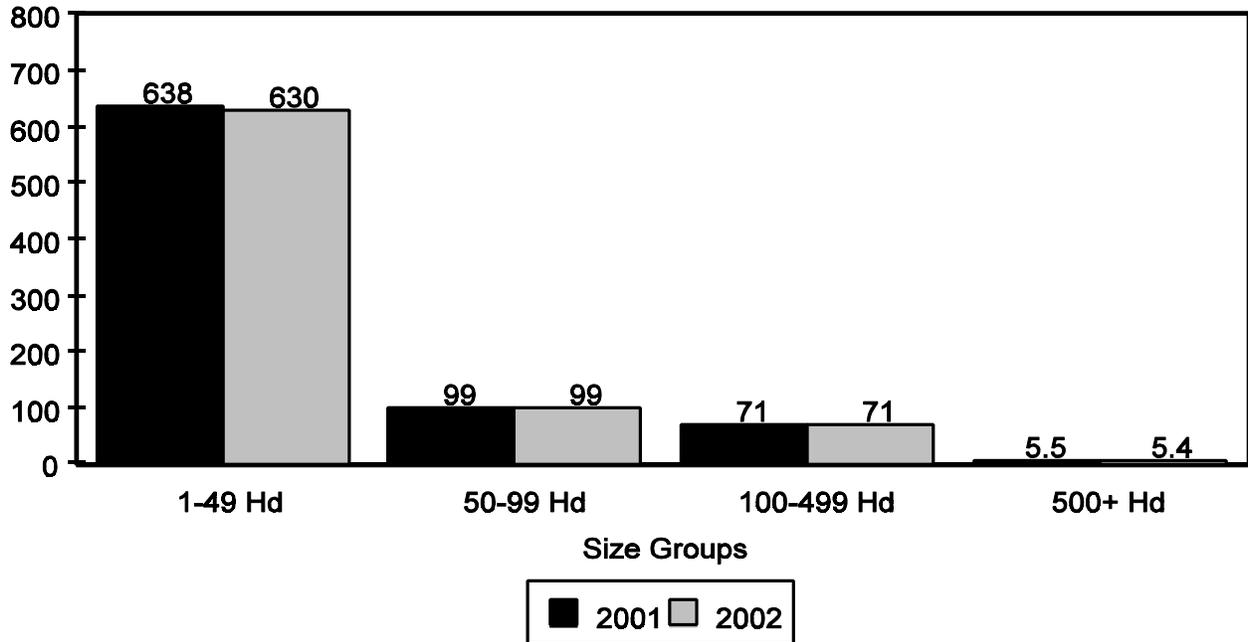
¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

² Missing data combined with other size groups.

U. S. Beef Cow Operations

Number by Size Group, 2001-2002

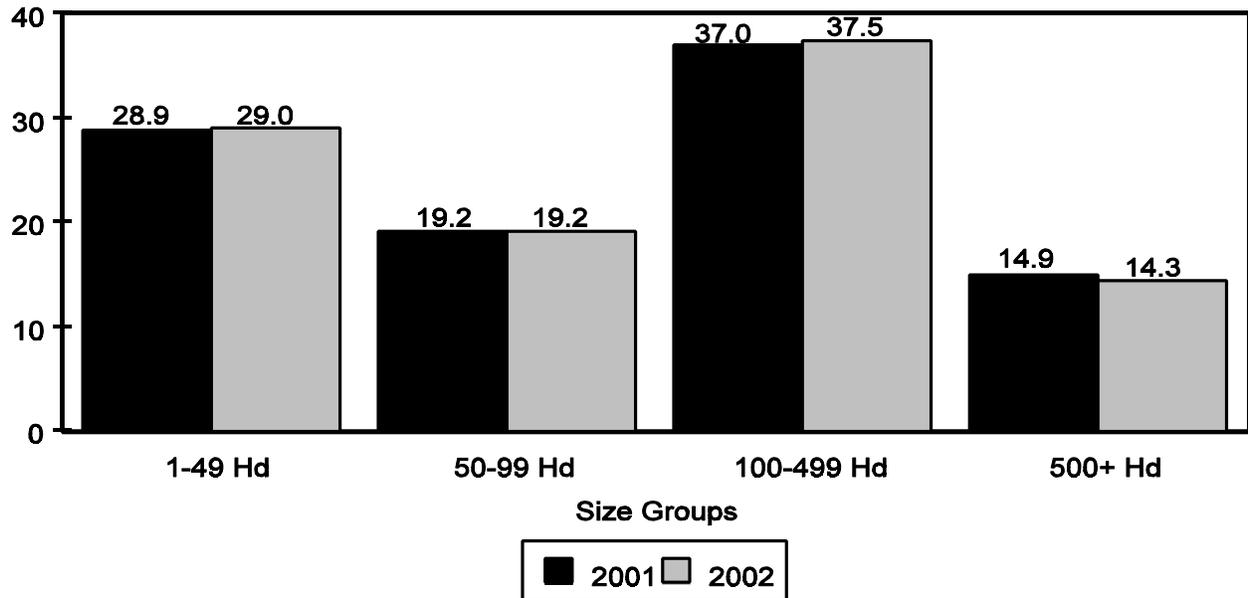
Number (000)



U. S. Beef Cow Inventory

Percent by Size Group, 2001-2002

Percent



Milk Cows: Number of Operations by State and United States, 2001-2002 ¹

State	Operations With Milk Cows ²	
	2001 <i>Number</i>	2002 <i>Number</i>
AL	250	200
AK	30	30
AZ	250	250
AR	900	800
CA	2,500	2,500
CO	800	780
CT	310	290
DE	120	120
FL	510	500
GA	720	660
HI	50	50
ID	1,000	950
IL	1,900	1,800
IN	2,900	2,600
IA	3,500	3,200
KS	1,200	1,200
KY	2,900	2,500
LA	610	590
ME	600	550
MD	950	900
MA	350	330
MI	3,300	3,200
MN	7,800	7,200
MS	480	450
MO	3,700	3,500
MT	650	600
NE	1,100	1,000
NV	150	150
NH	260	250
NJ	250	250
NM	500	500
NY	7,200	7,100
NC	900	870
ND	850	760
OH	5,200	5,100
OK	1,700	1,600
OR	820	800
PA	10,300	9,900
RI	30	30
SC	240	220
SD	1,300	1,200
TN	1,500	1,400
TX	2,100	1,900
UT	760	700
VT	1,600	1,500
VA	1,500	1,500
WA	1,000	950
WV	600	500
WI	19,100	17,800
WY	270	260
US	97,510	91,990

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, 2001-2002^{1 2}

State	Operations Having					
	1-29 Head		30-49 Head		50-99 Head	
	2001	2002	2001	2002	2001	2002
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AZ	120	115			10	10
CA	300	280	70	70	80	90
CO	580	575	10	10	30	30
FL	290	290	5	5	20	20
GA	320	290	20	10	90	90
ID	230	210	80	80	210	190
IL	480	480	360	350	700	620
IN	1,500	1,200	470	490	570	580
IA	820	715	890	800	1,200	1,050
KY	1,300	1,000	520	470	760	700
MD	160	160	150	150	370	310
MI	1,050	1,050	550	500	800	750
MN	1,100	900	2,700	2,400	3,000	2,900
MO	1,600	1,600	700	600	850	800
NM	335	325			5	5
NY	1,300	1,200	1,200	1,250	2,800	2,800
NC	460	460	40	30	150	140
OH	2,400	2,300	850	900	1,250	1,200
OK	1,050	1,000	120	120	260	230
OR	400	370	30	30	80	85
PA	1,800	1,600	3,700	3,500	3,600	3,600
SD	410	370	280	250	370	345
TN	630	550	140	130	390	390
TX	950	900	100	90	250	200
UT	270	240	35	40	140	110
VT	130	110	270	270	780	710
VA	490	500	140	150	420	400
WA	300	290	40	30	110	110
WI	3,150	2,600	5,300	4,800	7,800	7,500
Oth Sts	4,200	4,000	1,100	1,000	2,100	1,900
US	28,125	25,680	19,870	18,525	29,195	27,865

See footnote(s) at end of table.

--continued

Milk Cows: Number of Operations by Size Group, Selected States, and United States, 2001-2002^{1 2} (continued)

State	Operations Having					
	100-199 Head		200-499 Head		500+ Head	
	2001	2002	2001	2002	2001	2002
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AZ	10	10	20	20	90	95
CA	250	260	700	700	1,100	1,100
CO	55	40	75	75	50	50
FL	35	30	60	55	100	100
GA	170	160	90	80	30	30
ID	150	140	150	150	180	180
IL	280	270	70	65	10	15
IN	280	250	55	55	25	25
IA	480	510	95	100	15	25
KY	270	270	45	55	5	5
MD	210	210	50	60	10	10
MI	620	590	215	240	65	70
MN	700	700	250	250	50	50
MO	500	450	45	40	5	10
NM	5	5	15	15	140	150
NY	1,300	1,200	470	510	130	140
NC	160	155	75	70	15	15
OH	560	540	120	140	20	20
OK	210	190	50	50	10	10
OR	170	170	100	100	40	45
PA	900	900	270	260	30	40
SD	180	170	45	45	15	20
TN	250	250	80	70	10	10
TX	320	290	320	260	160	160
UT	170	160	110	110	35	40
VT	270	260	120	120	30	30
VA	340	350	100	90	10	10
WA	190	180	220	200	140	140
WI	2,000	2,000	680	700	170	200
Oth Sts	1,300	1,150	500	470	100	110
US	12,335	11,860	5,195	5,155	2,790	2,905

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, 2001-2002¹

State	Inventory on Operations Having					
	1-29 Head		30-49 Head		50-99 Head	
	2001	2002	2001	2002	2001	2002
	<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	0.4
CO	1.1	1.3	0.4	0.4	2.0	2.0
FL	0.4	0.4	0.1	0.1	1.0	1.0
GA	1.0	1.0	1.0	0.5	8.0	7.5
ID	0.4	0.4	0.9	0.8	4.1	3.7
IL	3.0	3.0	10.0	10.0	38.0	34.0
IN	9.0	7.0	12.0	11.0	25.0	25.0
IA	5.0	3.5	13.0	12.0	36.0	32.0
KY	8.0	6.0	15.0	14.5	39.0	39.0
MD	1.5	2.0	6.5	7.0	29.0	24.0
MI	5.0	4.0	7.0	6.0	18.0	17.0
MN	4.0	3.6	20.0	19.0	38.0	39.0
MO	5.0	4.5	17.0	16.0	31.0	31.0
NM	0.2	0.2			0.1	0.1
NY	2.0	2.0	8.0	7.5	29.0	28.0
NC	1.9	2.2	2.1	1.8	17.0	16.0
OH	9.0	9.0	13.0	13.0	31.0	31.0
OK	4.0	3.0	5.0	5.0	19.0	18.0
OR	0.7	0.9	1.3	1.1	7.0	6.0
PA	4.0	3.0	24.0	23.0	37.0	38.0
SD	4.0	4.0	11.0	10.0	26.0	25.0
TN	2.5	2.5	5.0	5.0	29.0	29.0
TX	1.0	1.0	1.0	1.0	5.0	4.5
UT	1.0	1.0	1.0	1.5	11.0	8.5
VT	1.0	1.0	7.0	7.0	31.0	29.0
VA	3.0	3.5	4.0	4.5	26.0	25.0
WA	0.3	0.2	0.7	0.5	3.0	3.3
WI	3.7	3.5	14.0	13.0	38.0	38.0
Oth Sts	3.0	3.0	6.0	6.0	24.0	23.0
US	2.6	2.3	8.1	7.5	20.9	20.1

See footnote(s) at end of table.

--continued

Milk Cows: Percent of Inventory by Size Group, Selected States, and United States, 2001-2002 ¹ (continued)

State	Inventory on Operations Having					
	100-199 Head		200-499 Head		500+ Head	
	2001	2002	2001	2002	2001	2002
	<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	3.5	94.0	95.0
CA	2.4	2.3	15.0	14.0	82.0	83.0
CO	7.5	5.0	26.7	25.8	62.3	65.5
FL	3.0	3.0	12.5	12.5	83.0	83.0
GA	28.0	26.0	27.0	26.0	35.0	39.0
ID	5.6	5.1	13.0	12.0	76.0	78.0
IL	28.0	30.0	16.0	15.5	5.0	7.5
IN	24.0	22.0	10.0	10.0	20.0	25.0
IA	28.0	30.0	12.0	13.0	6.0	9.5
KY	27.0	27.0	8.5	11.0	2.5	2.5
MD	34.0	35.0	16.0	19.0	13.0	13.0
MI	27.0	26.0	21.0	23.0	22.0	24.0
MN	16.0	16.0	14.0	14.0	8.0	8.4
MO	36.0	35.0	7.5	7.0	3.5	6.5
NM	0.3	0.3	1.4	1.4	98.0	98.0
NY	27.0	24.5	18.0	20.0	16.0	18.0
NC	32.0	33.0	30.0	29.0	17.0	18.0
OH	28.0	26.0	13.0	15.0	6.0	6.0
OK	29.0	27.0	15.0	17.0	28.0	30.0
OR	21.0	19.0	32.0	28.0	38.0	45.0
PA	20.0	20.0	11.0	11.0	4.0	5.0
SD	25.0	24.0	14.0	14.0	20.0	23.0
TN	35.0	36.0	22.0	21.0	6.5	6.5
TX	14.0	13.5	31.0	27.0	48.0	53.0
UT	24.0	23.0	33.0	31.0	30.0	35.0
VT	23.0	22.0	22.0	23.0	16.0	18.0
VA	38.0	40.0	23.0	21.0	6.0	6.0
WA	11.0	11.0	28.0	26.0	57.0	59.0
WI	19.0	19.0	15.0	14.5	10.3	12.0
Oth Sts	27.0	26.0	22.0	22.0	18.0	20.0
US	17.4	16.7	16.4	16.1	34.6	37.3

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 96.1 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 443,000 head, ranging from 0 to 1,419,000 head. During this period the initial inventory estimate has been equal to the final estimate one time, below the final estimate 6 times, and above the final estimate 13 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	952	443	0	1,419	13	6
All Cows	0.7	1.2	523	222	6	911	13	7
Calf Crop	0.7	1.2	458	192	0	630	11	8

¹ Based on data from January 1983 through January 2002.

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 18, 2003.

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