



Sheep and Goats

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Total Sheep and Lamb Inventory Down 4 Percent

All sheep and lamb inventory in the United States on January 1, 2002, totaled 6.69 million head, down 4 percent from 2001 and 5 percent below two years ago. The inventory has trended down since peaking at 56.2 million head in 1942.

Breeding sheep inventory declined to 4.91 million head on January 1, 2002, down 1 percent from 4.97 million head on January 1, 2001. Ewes one year old and older, at 3.98 million head, were 3 percent below last year.

Market sheep and lambs on January 1, 2002, totaled 1.77 million head, down 11 percent from January 1, 2001. Market lambs comprised 96 percent of the total. Twenty-five percent were lambs under 65 pounds, 17 percent were 65 - 84 pounds, 23 percent 85 - 105 pounds, 31 percent were over 105 pounds, and 4 percent were market sheep.

The 2001 lamb crop of 4.50 million head was down 3 percent from 2000 and established a new record low. The 2001 lambing rate was 110 per 100 ewes one year old and older on January 1, 2001, compared with 109 in 2000.

The number of operations with sheep during 2001 totaled 65,120, down 1 percent from 2000 and 3 percent from 1999.

Shorn wool production in the United States during 2001 was 43.0 million pounds, down 7 percent from 2000. Sheep and lambs shorn totaled 5.69 million head, down 7 percent from 2000. The average price paid for wool sold in 2001 was \$0.36 per pound for a total value of \$15.3 million dollars, down slightly from \$15.4 million dollars in 2000.

All goat inventory in Texas on January 1, 2002 totaled 1.25 million head, down 11 percent from 2001 and 4 percent below two years ago.

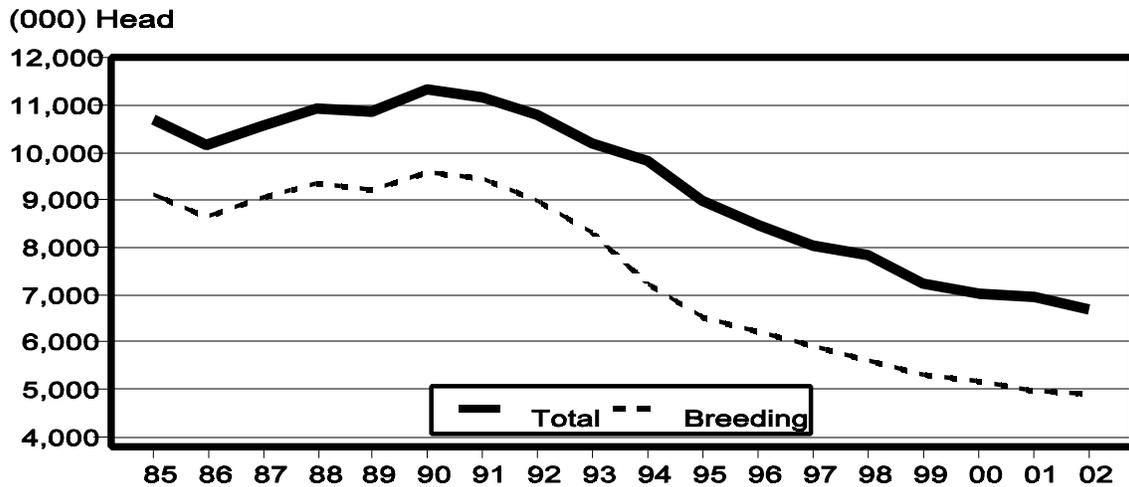
Mohair production in the three major producing states (Arizona, New Mexico, and Texas) during 2001 was 1.97 million pounds, down 25 percent from 2000. Goats and kids clipped, at 310,000 head, were down 23 percent from 2000. Average weight per clip was 6.4 pounds compared with 6.5 pounds a year earlier. Value of mohair was \$4.2 million dollars, down 60 percent from 2000.

**Sheep and Lambs: Number by Class, United States,
January 1, 2000-2002¹**

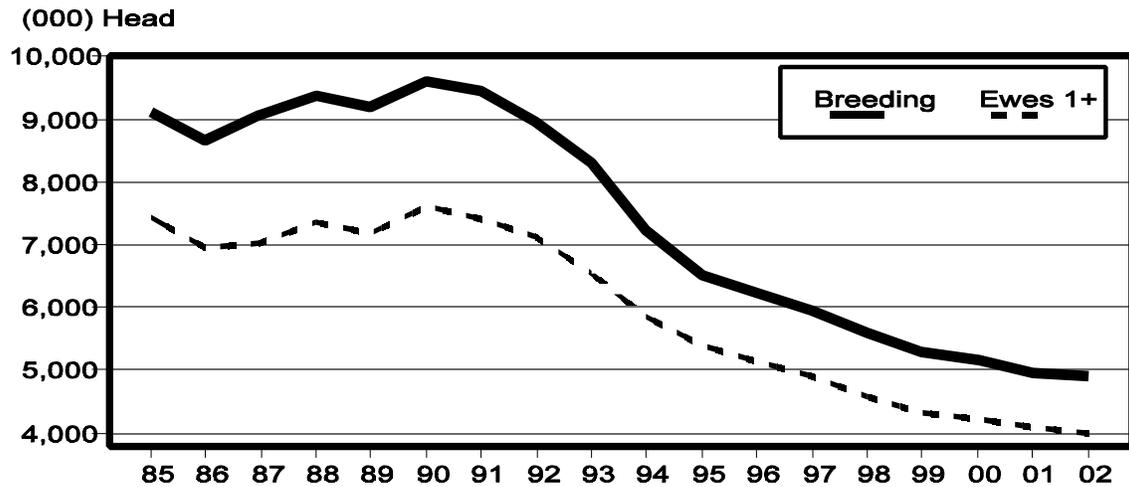
Class	2000	2001	2002	2002 as % of 2001
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Percent</i>
All Sheep and Lambs	7,032	6,965	6,685	96
Market	1,868	1,998	1,772	89
Breeding Sheep and Lambs	5,164	4,967	4,913	99
Replacement Lambs - Under One Year Old	730	675	734	109
Ewes - One Year Old and Older	4,229	4,091	3,980	97
Rams - One Year Old and Older	206	201	200	99

¹ May not add due to rounding.

**Sheep and Lambs, 1985-2002
United States**



**Total Breeding and Ewes 1+, 1985-2002
United States**

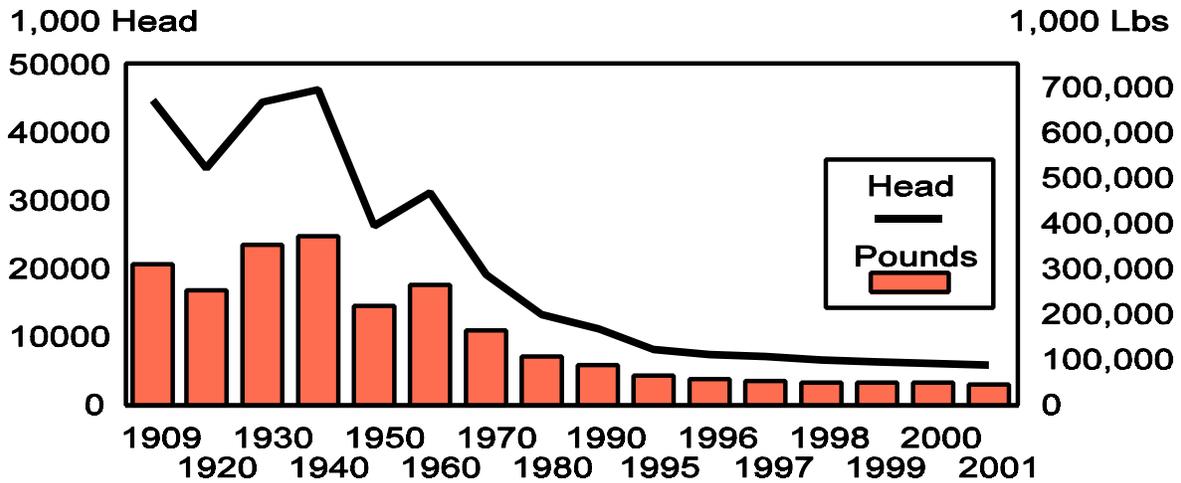


Wool: Production, Price, and Value, United States, 1999-2001

Year	Sheep Shorn ¹	Weight per Fleece	Shorn Wool Production	Price per Pound	Value
	<i>1,000 Head</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
1999	6,158	7.57	46,592	0.38	17,860
2000	6,135	7.57	46,446	0.33	15,377
2001	5,689	7.56	43,016	0.36	15,311

¹ Includes shearing at commercial feeding yards.

Sheep & Lambs Shorn & Wool Production 1909 - 2001 United States



**All Sheep and Lambs: Number by Class,
State, and United States, January 1, 2001-2002**

State	All Sheep and Lambs			Total Breeding		Total Market	
	2001	2002	2002 as % of 2001	2001	2002	2001	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>1,000 Head</i>	<i>1,000 Head</i>
AZ	132.0	134.0	102	65.0	66.0	67.0	68.0
CA	840.0	800.0	95	375.0	370.0	465.0	430.0
CO	420.0	370.0	88	195.0	205.0	225.0	165.0
ID	275.0	260.0	95	236.0	224.0	39.0	36.0
IL	75.0	70.0	93	61.0	56.0	14.0	14.0
IN	66.0	57.0	86	59.0	48.0	7.0	9.0
IA	270.0	250.0	93	175.0	175.0	95.0	75.0
KS	110.0	100.0	91	71.0	65.0	39.0	35.0
MI	71.0	72.0	101	51.0	52.0	20.0	20.0
MN	170.0	160.0	94	110.0	115.0	60.0	45.0
MO	73.0	70.0	96	59.0	59.0	14.0	11.0
MT	360.0	335.0	93	330.0	300.0	30.0	35.0
NE	114.0	101.0	89	94.0	73.0	20.0	28.0
NV	95.0	100.0	105	83.0	85.0	12.0	15.0
N ENG ¹	50.0	47.0	94	45.0	42.0	5.0	5.0
NM	255.0	230.0	90	200.0	185.0	55.0	45.0
NY	60.0	60.0	100	50.0	52.0	10.0	8.0
ND	138.0	145.0	105	107.0	105.0	31.0	40.0
OH	142.0	140.0	99	110.0	120.0	32.0	20.0
OK	55.0	60.0	109	41.0	45.0	14.0	15.0
OR	245.0	285.0	116	151.0	171.0	94.0	114.0
PA	81.0	86.0	106	69.0	73.0	12.0	13.0
SD	420.0	400.0	95	315.0	320.0	105.0	80.0
TX	1,150.0	1,130.0	98	840.0	890.0	310.0	240.0
UT	390.0	365.0	94	350.0	320.0	40.0	45.0
VA	61.0	59.0	97	46.0	47.0	15.0	12.0
WA	54.0	56.0	104	44.0	47.0	10.0	9.0
WV	35.0	37.0	106	29.0	31.0	6.0	6.0
WI	80.0	80.0	100	66.0	65.0	14.0	15.0
WY	530.0	480.0	91	420.0	390.0	110.0	90.0
Oth Sts ²	148.0	146.0	99	120.0	117.0	28.0	29.0
US	6,965.0	6,685.0	96	4,967.0	4,913.0	1,998.0	1,772.0

¹ N ENG includes CT, ME, MA, NH, RI, and VT.

² Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

**Breeding Sheep and Lambs: Number by Class, State,
and United States, January 1, 2001-2002**

State	Breeding Sheep-One Year Old & Older				Replacement Lambs		Total Breeding Sheep and Lambs	
	Ewes		Rams		2001	2002	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>	<i>1,000 Head</i>	<i>1,000 Head</i>
AZ	55.0	57.0	3.0	3.0	7.0	6.0	65.0	66.0
CA	320.0	310.0	15.0	15.0	40.0	45.0	375.0	370.0
CO	165.0	170.0	6.0	6.0	24.0	29.0	195.0	205.0
ID	195.0	184.0	5.0	5.0	36.0	35.0	236.0	224.0
IL	48.0	44.0	5.0	4.0	8.0	8.0	61.0	56.0
IN	45.0	39.0	3.0	2.5	11.0	6.5	59.0	48.0
IA	144.0	142.0	7.0	7.0	24.0	26.0	175.0	175.0
KS	58.0	53.0	4.0	3.0	9.0	9.0	71.0	65.0
MI	40.0	40.0	2.0	2.0	9.0	10.0	51.0	52.0
MN	90.0	95.0	5.0	5.0	15.0	15.0	110.0	115.0
MO	47.0	46.0	3.0	3.0	9.0	10.0	59.0	59.0
MT	265.0	232.0	9.0	8.0	56.0	60.0	330.0	300.0
NE	77.0	58.0	4.0	3.0	13.0	12.0	94.0	73.0
NV	68.0	69.0	2.0	2.0	13.0	14.0	83.0	85.0
N ENG ¹	34.0	32.0	3.0	2.0	8.0	8.0	45.0	42.0
NM	165.0	150.0	9.0	8.0	26.0	27.0	200.0	185.0
NY	38.0	40.0	3.0	3.0	9.0	9.0	50.0	52.0
ND	89.0	85.0	3.5	3.0	14.5	17.0	107.0	105.0
OH	86.0	93.0	7.0	7.0	17.0	20.0	110.0	120.0
OK	33.0	36.0	2.0	3.0	6.0	6.0	41.0	45.0
OR	120.0	134.0	7.0	8.0	24.0	29.0	151.0	171.0
PA	54.0	55.0	5.0	6.0	10.0	12.0	69.0	73.0
SD	265.0	265.0	9.0	9.0	41.0	46.0	315.0	320.0
TX	710.0	720.0	35.0	40.0	95.0	130.0	840.0	890.0
UT	300.0	275.0	11.0	9.0	39.0	36.0	350.0	320.0
VA	37.0	37.0	2.5	3.0	6.5	7.0	46.0	47.0
WA	35.0	36.0	3.0	3.0	6.0	8.0	44.0	47.0
WV	24.0	24.0	1.0	1.0	4.0	6.0	29.0	31.0
WI	53.0	52.0	3.0	3.0	10.0	10.0	66.0	65.0
WY	340.0	320.0	12.0	11.0	68.0	59.0	420.0	390.0
Oth Sts ²	91.0	87.0	12.0	12.0	17.0	18.0	120.0	117.0
US	4,091.0	3,980.0	201.0	199.5	675.0	733.5	4,967.0	4,913.0

¹ N ENG includes CT, ME, MA, NH, RI, and VT.

² Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

**Lamb Crop: Per 100 Ewes 1+, Number and Percent of Previous
Year, by State, and United States, 2000-2001**

State	Breeding Ewes 1 Year & Older Jan 1		Lambs per 100 Ewes 1+ Jan 1		Lamb Crop ¹		
	2000	2001	2000	2001	2000	2001	2001 as % of 2000
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AZ	58.0	55.0	69	73	40.0	40.0	100
CA	320.0	320.0	97	91	310.0	290.0	94
CO	175.0	165.0	114	115	200.0	190.0	95
ID	205.0	195.0	124	131	255.0	255.0	100
IL	50.0	48.0	138	135	69.0	65.0	94
IN	38.0	45.0	166	122	63.0	55.0	87
IA	139.0	144.0	151	153	210.0	220.0	105
KS	52.0	58.0	138	124	72.0	72.0	100
MI	38.0	40.0	121	125	46.0	50.0	109
MN	85.0	90.0	171	172	145.0	155.0	107
MO	52.0	47.0	125	117	65.0	55.0	85
MT	274.0	265.0	133	128	365.0	340.0	93
NE	72.0	77.0	142	112	102.0	86.0	84
NV	58.0	68.0	112	93	65.0	63.0	97
N ENG ²	34.0	34.0	124	115	42.0	39.0	93
NM	190.0	165.0	82	85	155.0	140.0	90
NY	38.0	38.0	121	129	46.0	49.0	107
ND	86.0	89.0	128	129	110.0	115.0	105
OH	81.0	86.0	142	145	115.0	125.0	109
OK	33.0	33.0	112	121	37.0	40.0	108
OR	121.0	120.0	124	133	150.0	160.0	107
PA	54.0	54.0	130	131	70.0	71.0	101
SD	270.0	265.0	119	115	320.0	305.0	95
TX	790.0	710.0	72	80	570.0	570.0	100
UT	310.0	300.0	106	102	330.0	305.0	92
VA	39.0	37.0	126	135	49.0	50.0	102
WA	34.0	35.0	162	166	55.0	58.0	105
WV	26.0	24.0	131	133	34.0	32.0	94
WI	52.0	53.0	138	136	72.0	72.0	100
WY	365.0	340.0	103	101	375.0	345.0	92
Oth Sts ³	90.0	91.0	94	91	85.0	83.0	98
US	4,229.0	4,091.0	109	110	4,622.0	4,495.0	97

¹ Lamb crop is defined as lambs born in the Eastern States and lambs docked or branded in the Western States.

² N ENG includes CT, ME, MA, NH, RI, and VT.

³ Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

**Market Sheep and Lambs: Number by Weight Group, State,
and United States, January 1, 2001**

State	Market Lambs					Market Sheep	Total Market Sheep and Lambs
	Under 65 Pounds	65 to 84 Pounds	85 to 105 Pounds	Over 105 Pounds	Total		
	<i>1,000 Head</i>						
AZ	12.0	16.0	20.0	17.0	65.0	2.0	67.0
CA	195.0	100.0	80.0	75.0	450.0	15.0	465.0
CO	3.0	7.0	37.0	175.0	222.0	3.0	225.0
ID	5.0	3.0	11.0	19.0	38.0	1.0	39.0
IL	4.0	2.0	2.0	5.0	13.0	1.0	14.0
IN	3.0	1.7	1.0	0.8	6.5	0.5	7.0
IA	13.0	10.0	30.0	39.0	92.0	3.0	95.0
KS	16.0	6.0	10.0	4.0	36.0	3.0	39.0
MI	2.0	3.0	6.0	8.0	19.0	1.0	20.0
MN	15.0	12.0	16.0	16.0	59.0	1.0	60.0
MO	3.0	4.0	2.5	4.0	13.5	0.5	14.0
MT	2.0	5.0	16.0	5.0	28.0	2.0	30.0
NE	4.0	4.0	5.0	6.0	19.0	1.0	20.0
NV		1.0	3.0	7.0	11.0	1.0	12.0
N ENG ¹	1.6	1.2	0.8	0.4	4.0	1.0	5.0
NM	11.0	16.0	16.0	9.0	52.0	3.0	55.0
NY	4.0	3.0	1.0	1.0	9.0	1.0	10.0
ND	3.0	8.0	10.5	8.5	30.0	1.0	31.0
OH	12.0	8.0	8.0	3.0	31.0	1.0	32.0
OK	6.0	3.0	2.0	2.0	13.0	1.0	14.0
OR	14.0	12.0	34.0	31.0	91.0	3.0	94.0
PA	5.0	2.0	2.0	1.0	10.0	2.0	12.0
SD	7.0	31.0	33.0	33.0	104.0	1.0	105.0
TX	100.0	70.0	65.0	65.0	300.0	10.0	310.0
UT	3.0	2.0	14.0	16.0	35.0	5.0	40.0
VA	6.0	3.5	3.5	1.5	14.5	0.5	15.0
WA	3.0	1.5	3.0	2.0	9.5	0.5	10.0
WV	3.0	1.0	1.0	1.0	6.0		6.0
WI	2.5	3.5	4.5	3.0	13.5	0.5	14.0
WY	2.0	15.0	47.0	43.0	107.0	3.0	110.0
Oth Sts ²	10.5	4.0	2.5	3.0	20.0	8.0	28.0
US	470.6	359.4	487.3	604.2	1,921.5	76.5	1,998.0

¹ N ENG includes CT, ME, MA, NH, RI, and VT.

² Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

**Market Sheep and Lambs: Number by Weight Group, State,
and United States, January 1, 2002**

State	Market Lambs					Market Sheep	Total Market Sheep and Lambs
	Under 65 Pounds	65 to 84 Pounds	85 to 105 Pounds	Over 105 Pounds	Total		
	<i>1,000 Head</i>						
AZ	13.0	18.0	20.0	15.0	66.0	2.0	68.0
CA	170.0	90.0	70.0	85.0	415.0	15.0	430.0
CO	2.0	5.0	17.0	140.0	164.0	1.0	165.0
ID	12.0	3.0	6.0	14.0	35.0	1.0	36.0
IL	3.0	3.0	3.0	3.0	12.0	2.0	14.0
IN	3.2	1.8	2.0	1.9	8.9	0.1	9.0
IA	8.0	9.0	22.0	35.0	74.0	1.0	75.0
KS	13.0	4.0	7.0	7.0	31.0	4.0	35.0
MI	3.0	2.0	6.0	8.0	19.0	1.0	20.0
MN	11.0	9.0	12.0	12.0	44.0	1.0	45.0
MO	2.0	2.5	3.0	3.0	10.5	0.5	11.0
MT	2.0	7.0	18.0	7.0	34.0	1.0	35.0
NE	4.0	3.0	10.0	10.0	27.0	1.0	28.0
NV		1.0	5.0	8.0	14.0	1.0	15.0
N ENG ¹	1.7	1.1	0.6	0.1	3.5	1.5	5.0
NM	9.0	14.0	13.0	6.0	42.0	3.0	45.0
NY	3.0	2.0	1.0	1.0	7.0	1.0	8.0
ND	3.5	8.5	16.0	11.0	39.0	1.0	40.0
OH	8.0	4.0	6.0	2.0	20.0		20.0
OK	8.0	2.0	2.0	2.0	14.0	1.0	15.0
OR	20.0	16.0	41.0	34.0	111.0	3.0	114.0
PA	5.0	2.0	3.0	1.0	11.0	2.0	13.0
SD	7.0	11.0	25.0	34.0	77.0	3.0	80.0
TX	100.0	50.0	45.0	35.0	230.0	10.0	240.0
UT	1.0	3.0	15.0	23.0	42.0	3.0	45.0
VA	4.0	3.5	2.5	1.5	11.5	0.5	12.0
WA	2.0	2.5	1.0	3.0	8.5	0.5	9.0
WV	2.5	1.0	1.5	1.0	6.0		6.0
WI	2.0	4.0	4.0	3.5	13.5	1.5	15.0
WY	2.0	12.0	34.0	39.0	87.0	3.0	90.0
Oth Sts ²	11.0	5.0	4.0	3.0	23.0	6.0	29.0
US	435.9	299.9	415.6	549.0	1,700.4	71.6	1,772.0

¹ N ENG includes CT, ME, MA, NH, RI, and VT.

² Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

**Sheep and Lambs: Number of Operations by State
and United States, 2000-2001**

State	Operations with Sheep	
	2000	2001
	<i>Number</i>	<i>Number</i>
AZ	300	270
CA	3,000	2,900
CO	1,900	2,000
ID	1,000	1,000
IL	2,400	2,300
IN	2,200	2,100
IA	4,700	4,700
KS	1,500	1,500
MI	1,800	1,800
MN	2,600	2,400
MO	1,800	1,700
MT	2,000	1,800
NE	1,700	1,600
NV	300	300
N ENG ¹	2,100	2,000
NM	900	850
NY	1,500	1,500
ND	1,100	1,100
OH	3,600	3,600
OK	1,500	1,400
OR	3,000	3,000
PA	2,500	2,500
SD	2,300	2,300
TX	6,800	6,800
UT	1,500	1,500
VA	1,300	1,400
WA	1,200	1,200
WV	1,000	1,000
WI	2,200	2,200
WY	900	900
Oth Sts ²	5,500	5,500
US	66,100	65,120

¹ N ENG includes CT, ME, MA, NH, RI, and VT.

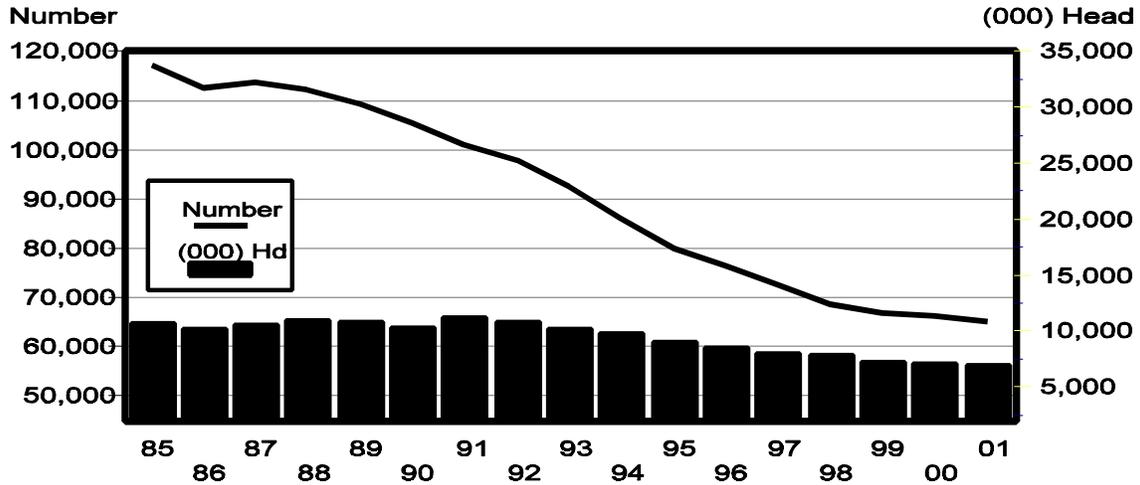
² Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

Breeding Sheep: Survey Percent by Size Group, United States, 2001-2002¹

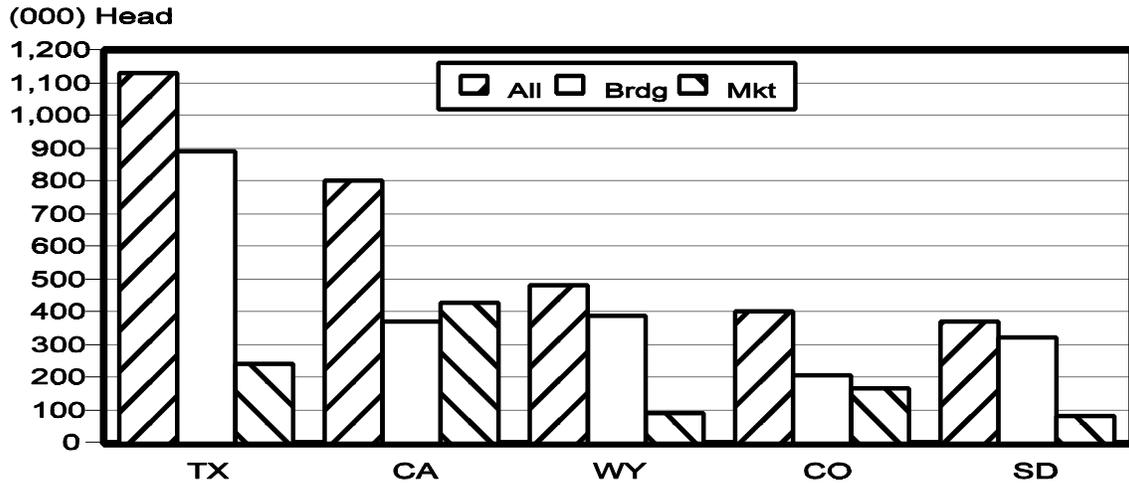
Item	1-99 Head		100-499 Head		500-4999 Head		5000+ Head	
	2001	2002	2001	2002	2001	2002	2001	2002
	<i>Percent</i>							
Operations	90.8	91.1	7.5	7.3	1.6	1.5	0.1	0.1
Inventory	28.8	30.1	23.8	23.5	33.7	32.4	13.7	14.0

¹ Percents reflect distributions from annual survey.

**Number of Operations & Total Inventory, 1985-2001
United States**



**Total Inventory, January 1, 2002
Top Five Sheep & Lamb Producing States**



**Wool: Number of Sheep and Lambs Shorn, Weight per Fleece,
and Production by State, and United States, 2000-2001**

State	Sheep Shorn		Weight per Fleece		Production	
	2000	2001	2000	2001	2000	2001
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AZ	125.0	120.0	6.1	6.2	760	740
CA	530.0	510.0	7.5	7.4	4,000	3,750
CO	450.0	430.0	7.4	7.2	3,310	3,080
ID	228.0	230.0	9.6	9.3	2,190	2,140
IL	75.0	70.0	6.9	6.6	520	460
IN	56.0	44.0	6.9	6.6	385	290
IA	255.0	245.0	5.6	5.8	1,420	1,420
KS	99.0	81.0	6.6	7.1	655	575
MI	72.0	77.0	6.4	6.2	460	480
MN	155.0	165.0	6.7	6.6	1,035	1,085
MO	63.0	56.0	6.8	7.0	430	390
MT	347.0	318.0	9.6	9.4	3,315	2,978
NE	95.0	85.0	7.2	7.3	685	620
NV	72.0	71.0	9.1	8.7	655	620
N ENG ¹	44.0	40.0	7.2	7.4	318	295
NM	255.0	235.0	8.3	8.0	2,120	1,880
NY	46.0	47.0	6.6	6.8	304	320
ND	111.0	101.0	8.2	8.9	915	900
OH	132.0	140.0	7.0	6.9	920	960
OK	45.0	52.0	6.1	6.0	275	310
OR	220.0	240.0	6.5	6.3	1,440	1,510
PA	66.0	64.0	6.5	6.9	430	440
SD	335.0	360.0	8.4	8.2	2,800	2,965
TX	1,130.0	870.0	6.6	6.9	7,506	6,003
UT	320.0	295.0	9.6	9.5	3,060	2,800
VA	42.0	43.0	6.4	6.5	270	280
WA	44.0	48.0	8.0	8.2	351	395
WV	29.0	30.0	5.9	6.0	172	180
WI	64.0	70.0	7.4	7.1	475	500
WY	520.0	440.0	8.8	9.0	4,560	3,950
Oth Sts ²	110.0	112.0	6.5	6.3	710	700
US	6,135.0	5,689.0	7.6	7.6	46,446	43,016

¹ N ENG includes CT, ME, MA, NH, RI, and VT.

² Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

Wool: Price and Value by State and United States, 2000-2001

State	Price per Pound		Value ¹	
	2000	2001	2000	2001
	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	0.36	0.30	274	222
CA	0.29	0.35	1,160	1,313
CO	0.31	0.33	1,026	1,016
ID	0.23	0.22	504	471
IL	0.08	0.09	42	41
IN	0.14	0.15	54	44
IA	0.10	0.12	142	170
KS	0.17	0.20	111	115
MI	0.14	0.12	64	58
MN	0.11	0.11	114	119
MO	0.10	0.09	43	35
MT	0.37	0.45	1,227	1,340
NE	0.18	0.20	123	124
NV	0.28	0.44	183	273
N ENG ²	0.36	0.40	114	118
NM	0.65	0.70	1,378	1,316
NY	0.13	0.17	40	54
ND	0.25	0.30	229	270
OH	0.15	0.14	138	134
OK	0.20	0.20	55	62
OR	0.28	0.27	403	408
PA	0.28	0.25	120	110
SD	0.28	0.31	784	919
TX	0.49	0.52	3,678	3,122
UT	0.22	0.29	673	812
VA	0.24	0.20	65	56
WA	0.40	0.45	140	178
WV	0.23	0.21	40	38
WI	0.13	0.10	62	50
WY	0.47	0.51	2,143	2,015
Oth Sts ³	0.35	0.44	248	308
US	0.33	0.36	15,377	15,311

¹ Production multiplied by marketing year average price. U.S. value is summation of State values.

² N ENG includes CT, ME, MA, NH, RI, and VT.

³ Other States include AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

Goats: Inventory, Selected States, and Total, January 1, 2001-2002

State	Angora		All Goats	
	2001	2002	2001	2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AZ	34	32		
NM	25	20		
TX	300	250	1,400	1,250
Total	359	302	1,400	1,250

**Mohair: Production, Price, and Value by Selected States
and 3-State Total, 2000-2001**

State	Goats Clipped		Average Clip per Goat		Production		Price per Pound		Value ¹	
	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	32	30	4.5	4.8	144	144	1.80	1.50	259	216
NM	25	20	5.5	5.5	138	110	1.90	1.90	262	209
TX	345	260	6.8	6.6	2,346	1,716	4.30	2.20	10,088	3,775
3 Sts	402	310	6.5	6.4	2,628	1,970	4.04	2.13	10,609	4,200

¹ Production multiplied by marketing year average price for individual States. Three-State value is summation of State values.

Reliability of January 1 Sheep and Goat Estimates

Survey Procedures: A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all sheep and goat producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. About 13,500 operators were contacted during the first half of January by mail, telephone and face-to-face personal interview. Regardless of when operators responded, they were asked to report inventories as of January 1.

Estimation Procedures: These sheep and goat estimates were prepared by the Agricultural Statistics Board. National and State survey data were reviewed for reasonableness and with estimates from past years. A projected balance sheet for calendar year 2001 was also used. The balance sheet begins with the previous inventory estimate, adds estimates of births and imports, and subtracts estimates of slaughter, exports and deaths. This indicated ending inventory level is compared with the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve the current estimate. Previous year estimates are subject to revision when current estimates are made. Estimates will also be reviewed after data from the Department of Agriculture's five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising sheep and goats 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 reliability of the estimates in this report, the "**Root Mean Square Error**" is shown for selected sheep items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between the first and latest estimates. The "Root Mean Square Error" for sheep and lamb inventory estimates over the past 10 years is 1.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 6.7 million head by more than 1.1 percent. Chances are 9 out of 10 that the difference will not exceed 2.0 percent.

The "Root Mean Square Error" for sheep shorn over the past 10 years is 0.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 5.7 million head by more than 0.6 percent. Chances are 9 out of 10 that the difference will not exceed 1.1 percent.

Also shown in the table is a 10-year record showing the range between the first inventory estimate and the latest estimate. Using estimates for All Sheep and Lambs as an example, changes between the first inventory estimate and the latest estimate during the past 10 years have averaged 65,000 head, ranging from 6,000 to 209,000 head. The initial inventory estimate of All Sheep and Lambs has been below the latest estimate 8 times and above the latest estimate 2 times in the last 10 years.

For Sheep and Lambs Shorn, changes between the first inventory estimate and the latest estimate during the past 10 years have averaged 41,000 head, ranging from 2,000 to 92,000 head. The initial inventory estimate of Sheep and Lambs Shorn has been below the latest estimate 6 times and above 4 times in the last 10 years.

Reliability of U.S. February 1 Sheep and Lamb Estimates ¹

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Final Estimates ¹			Number of Years	
		Percent	(000) Head	Average	Smallest	Largest	First Above Final	First Below Final
	<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 Sheep & Lambs	1.1	2.0	133.7	65	6	209	2	8
Breeding Sheep	0.8	1.4	68.8	37	1	78	3	7
Lamb Crop	1.0	1.8	80.9	29	0	112	3	6
Sheep Shorn	0.6	1.1	62.6	41	2	92	4	6
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>Number</i>
Wool Prod	0.5	0.9	387.1	251	18	674	5	5

¹ Based on data for the past 10 years.

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

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