



# Sheep and Goats

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## Total Sheep and Lamb Inventory Up Slightly

**All sheep and lamb inventory** in the United States on January 1, 2005, totaled 6.14 million head, up slightly from 2004, but 3 percent below two years ago. The inventory has leveled off and is showing a slight increase for the first time since 1990.

**Breeding sheep inventory** increased to 4.53 million head on January 1, 2005, up 1 percent from 4.50 million head on January 1, 2004. Ewes one year old and older, at 3.57 million head, were 1 percent below last year.

**Market sheep and lambs** on January 1, 2005, totaled 1.60 million head, down slightly from January 1, 2004. Market lambs comprised 95 percent of the total marketings. Twenty-six percent were lambs under 65 pounds, 13 percent were 65 - 84 pounds, 24 percent were 85 - 105 pounds, 32 percent were over 105 pounds, and 5 percent were market sheep.

**The 2004 lamb crop** of 4.10 million head, a record low, was down 1 percent from 2003. The 2004 lambing rate was 113 lambs per 100 ewes one year old and older on January 1, 2004, up 3 percent from 2003.

**Shorn wool production** in the United States during 2004 was 37.6 million pounds, down 2 percent from 2003. Sheep and lambs shorn totaled 5.07 million head, down slightly from 2003. The average price paid for wool sold in 2004 was \$0.80 per pound for a total value of \$29.9 million dollars, up 6 percent from \$28.1 million dollars in 2003.

## Total Goat Inventory

Goat data provided in this report are results of the first annual goat survey. Survey procedures used can be found on page 15 of this report.

**All goat inventory** in the United States on January 1, 2005, totaled 2.5 million head. **Breeding goat inventory** totaled 2.1 million head and **market goats** totaled 0.4 million head. On January 1, 2005, **meat and all other goats** totaled 1.97 million head, **milk goats** totaled 283,500 head and **angora goats** totaled 274,000 head. The 2004 **kid crop** was 1.67 million head for all goats.

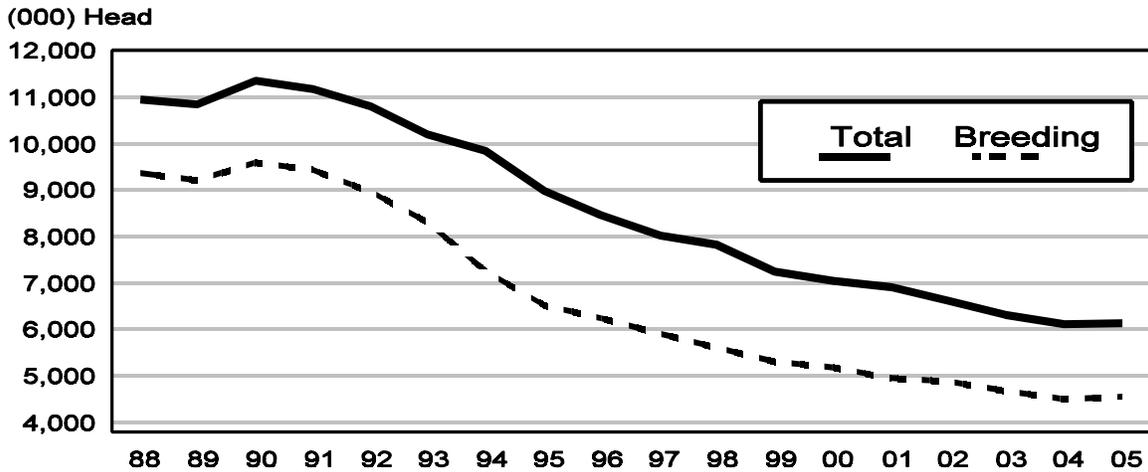
**Mohair production** in the United States during 2004 was 1.94 million pounds. **Goats and kids clipped** totaled 269,500 head. Average weight per clip was 7.2 pounds. **Mohair price** was 1.97 per pound with a value of 3.8 million dollars.

**Sheep and Lambs: Number by Class, United States,  
January 1, 2003-2005<sup>1</sup>**

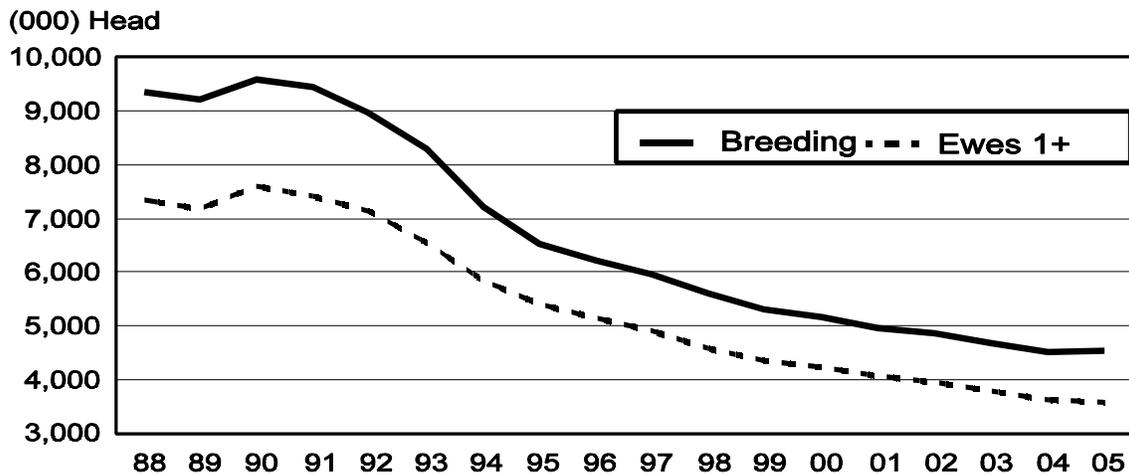
Class	2003	2004	2005	2005 as % of 2004
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Percent</i>
All Sheep and Lambs	6,321	6,105	6,135	100
Breeding Sheep and Lambs	4,670	4,499	4,533	101
Replacement Lambs - Under One Year Old	703	702	771	110
Ewes - One Year Old and Older	3,773	3,610	3,573	99
Rams - One Year Old and Older	194	188	190	101
Market	1,651	1,606	1,602	100

<sup>1</sup> May not add due to rounding.

**Sheep and Lambs  
United States, 1988-2005**



**Total Breeding and Ewes 1+  
United States, 1988-2005**

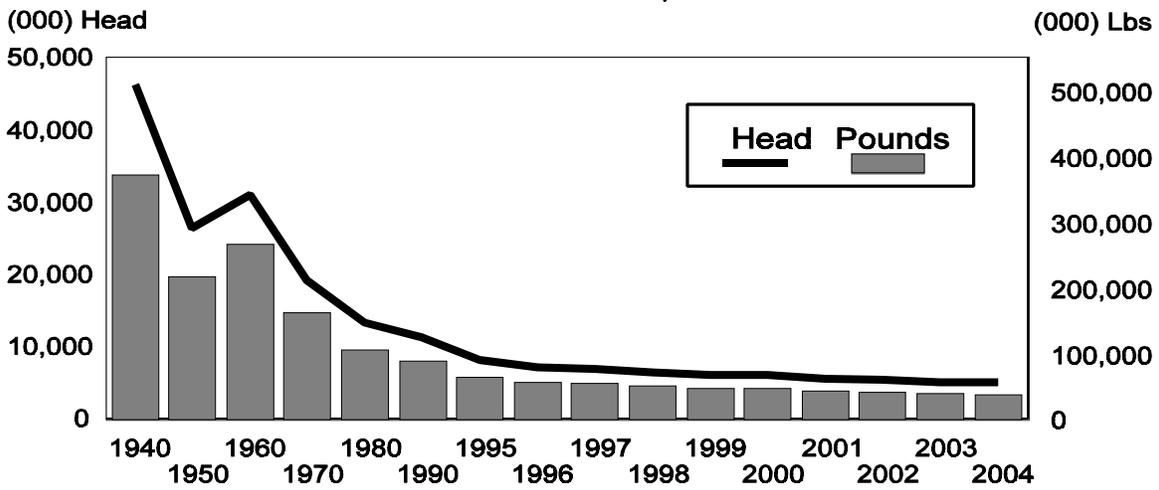


**Wool: Production, Price, and Value, United States, 2002-2004**

Year	Sheep Shorn <sup>1</sup>	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>
2002	5,462	7.52	41,078	0.53	21,689
2003	5,074	7.55	38,299	0.73	28,126
2004	5,073	7.42	37,622	0.80	29,931

<sup>1</sup> Includes shearing at commercial feeding yards.

**Sheep & Lambs Shorn & Wool Production  
United States, 1940-2004**



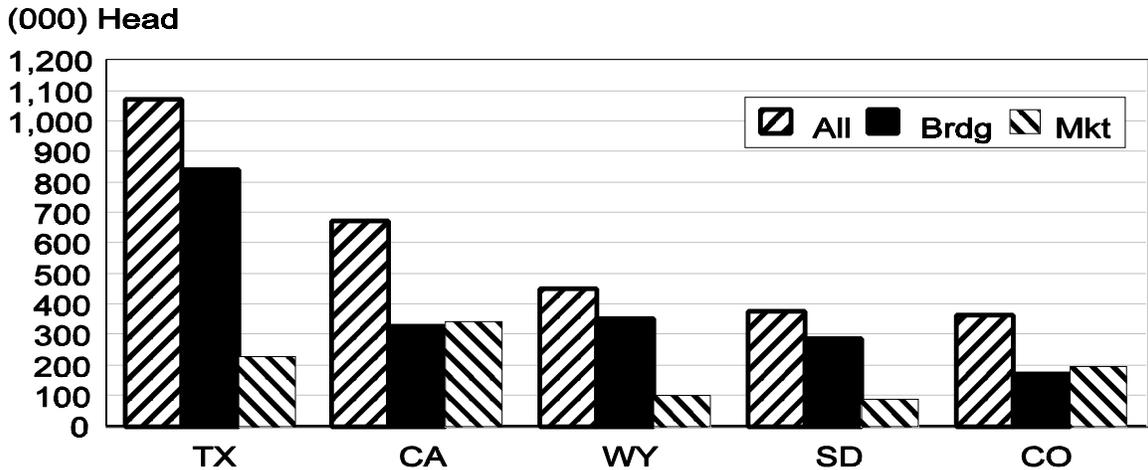
**All Sheep and Lambs: Number by Class,  
State, and United States, January 1, 2004-2005**

State	All Sheep and Lambs			Total Breeding		Total Market	
	2004	2005	2005 as % of 2004	2004	2005	2004	2005
	<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	114.0	100.0	88	57.0	60.0	57.0	40.0
CA	680.0	670.0	99	325.0	325.0	355.0	345.0
CO	360.0	365.0	101	170.0	170.0	190.0	195.0
ID	260.0	270.0	104	225.0	225.0	35.0	45.0
IL	63.0	69.0	110	53.0	56.0	10.0	13.0
IN	50.0	50.0	100	45.0	44.0	5.0	6.0
IA	250.0	245.0	98	180.0	175.0	70.0	70.0
KS	100.0	106.0	106	64.0	65.0	36.0	41.0
KY	26.0	32.0	123	22.0	26.0	4.0	6.0
MD	25.0	23.0	92	19.0	17.5	6.0	5.5
MI	83.0	83.0	100	59.0	59.0	24.0	24.0
MN	140.0	145.0	104	100.0	100.0	40.0	45.0
MO	60.0	65.0	108	54.0	57.5	6.0	7.5
MT	300.0	305.0	102	280.0	280.0	20.0	25.0
NE	102.0	97.0	95	81.0	75.0	21.0	22.0
NV	75.0	70.0	93	64.0	66.0	11.0	4.0
N ENG <sup>1</sup>	43.0	45.5	106	37.0	39.0	6.0	6.5
NM	160.0	145.0	91	133.0	120.0	27.0	25.0
NY	70.0	75.0	107	54.0	58.0	16.0	17.0
NC	20.0	20.0	100	17.5	17.0	2.5	3.0
ND	100.0	105.0	105	74.0	81.0	26.0	24.0
OH	140.0	142.0	101	119.0	122.0	21.0	20.0
OK	75.0	70.0	93	60.0	55.0	15.0	15.0
OR	215.0	225.0	105	145.0	145.0	70.0	80.0
PA	90.0	100.0	111	75.0	83.0	15.0	17.0
SD	370.0	375.0	101	290.0	285.0	80.0	90.0
TN	22.0	23.0	105	20.0	20.0	2.0	3.0
TX	1,100.0	1,070.0	97	840.0	840.0	260.0	230.0
UT	265.0	270.0	102	235.0	245.0	30.0	25.0
VA	55.0	61.0	111	43.0	46.0	12.0	15.0
WA	46.0	46.0	100	40.0	41.0	6.0	5.0
WV	34.0	31.0	91	30.0	29.0	4.0	2.0
WI	83.0	85.0	102	68.0	69.0	15.0	16.0
WY	430.0	450.0	105	340.0	350.0	90.0	100.0
Oth Sts <sup>2</sup>	99.0	101.5	103	80.5	87.0	18.5	14.5
US	6,105.0	6,135.0	100	4,499.0	4,533.0	1,606.0	1,602.0

<sup>1</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>2</sup> Other States include AL, AK, AR, DE, FL, GA, HI, LA, MS, NJ, and SC.

**Total Inventory, January 1, 2005  
Top Five Sheep & Lamb Producing States**



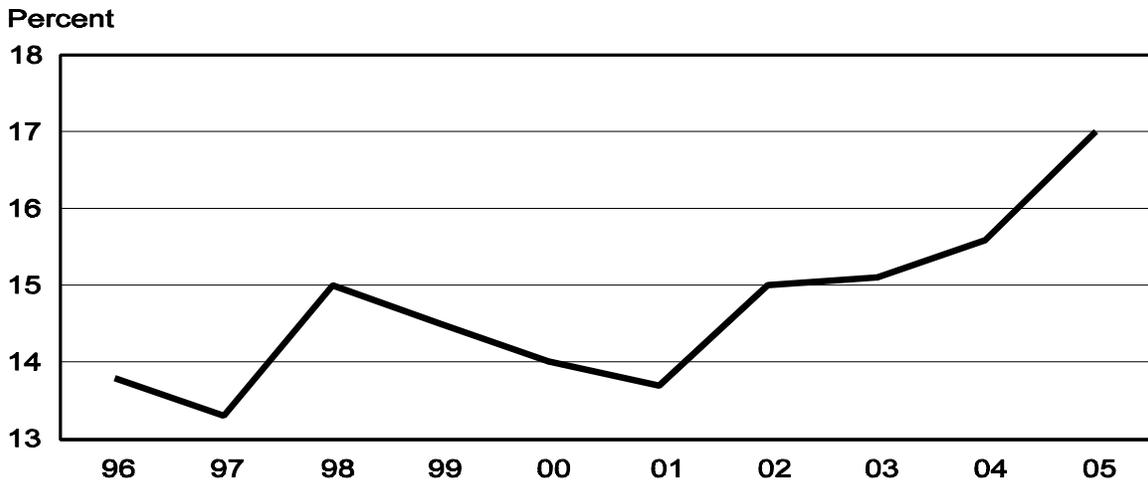
**Breeding Sheep and Lambs: Number by Class, State,  
and United States, January 1, 2004-2005**

State	Breeding Sheep-One Year Old & Older				Replacement Lambs		Total Breeding Sheep and Lambs	
	Ewes		Rams		2004	2005	2004	2005
	2004	2005	2004	2005				
	<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	48.0	50.0	3.0	3.0	6.0	7.0	57.0	60.0
CA	275.0	275.0	10.0	10.0	40.0	40.0	325.0	325.0
CO	139.0	135.0	5.0	5.0	26.0	30.0	170.0	170.0
ID	184.0	182.0	5.0	5.0	36.0	38.0	225.0	225.0
IL	40.0	43.0	3.0	3.0	10.0	10.0	53.0	56.0
IN	34.0	33.0	3.0	2.5	8.0	8.5	45.0	44.0
IA	147.0	142.0	7.0	7.0	26.0	26.0	180.0	175.0
KS	53.0	54.0	2.5	3.0	8.5	8.0	64.0	65.0
KY	16.0	18.0	2.0	2.5	4.0	5.5	22.0	26.0
MD	15.0	14.0	1.5	1.5	2.5	2.0	19.0	17.5
MI	43.0	45.0	3.0	2.0	13.0	12.0	59.0	59.0
MN	80.0	80.0	5.0	5.0	15.0	15.0	100.0	100.0
MO	45.0	47.0	2.5	2.5	6.5	8.0	54.0	57.5
MT	220.0	215.0	7.0	7.0	53.0	58.0	280.0	280.0
NE	67.0	62.0	4.0	3.0	10.0	10.0	81.0	75.0
NV	52.0	54.0	2.0	2.0	10.0	10.0	64.0	66.0
N ENG <sup>1</sup>	28.0	29.0	2.0	2.5	7.0	7.5	37.0	39.0
NM	108.0	97.0	7.0	6.0	18.0	17.0	133.0	120.0
NY	41.0	43.0	3.0	3.0	10.0	12.0	54.0	58.0
NC	12.5	12.5	1.0	1.0	4.0	3.5	17.5	17.0
ND	59.0	63.0	2.0	2.0	13.0	16.0	74.0	81.0
OH	94.0	92.0	5.0	6.0	20.0	24.0	119.0	122.0
OK	45.0	41.0	3.0	3.0	12.0	11.0	60.0	55.0
OR	112.0	107.0	7.0	8.0	26.0	30.0	145.0	145.0
PA	58.0	63.0	5.0	5.0	12.0	15.0	75.0	83.0
SD	240.0	230.0	9.0	8.0	41.0	47.0	290.0	285.0
TN	14.0	14.0	1.5	1.5	4.5	4.5	20.0	20.0
TX	675.0	650.0	45.0	45.0	120.0	145.0	840.0	840.0
UT	195.0	200.0	7.0	8.0	33.0	37.0	235.0	245.0
VA	34.0	35.0	2.5	3.0	6.5	8.0	43.0	46.0
WA	32.0	32.0	2.0	2.0	6.0	7.0	40.0	41.0
WV	25.0	23.0	1.0	1.0	4.0	5.0	30.0	29.0
WI	52.0	52.0	3.0	3.0	13.0	14.0	68.0	69.0
WY	270.0	278.0	9.0	10.0	61.0	62.0	340.0	350.0
Oth Sts <sup>2</sup>	57.0	62.0	7.5	8.0	16.0	17.0	80.5	87.0
US	3,609.5	3,572.5	188.0	190.0	701.5	770.5	4,499.0	4,533.0

<sup>1</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>2</sup> Other States include AL, AK, AR, DE, FL, GA, HI, LA, MS, NJ, and SC.

**Replacement Lambs, Percent of All Breeding Sheep  
United States, 1996-2005**



**Lamb Crop: Per 100 Ewes 1+, Number and Percent of Previous Year, by State, and United States, 2003-2004**

State	Breeding Ewes 1 Year & Older Jan 1		Lambs per 100 Ewes 1+ Jan 1		Lamb Crop <sup>1</sup>		
	2003	2004	2003	2004	2003	2004	2004 as % of 2003
	<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	49.0	48.0	69	83	34.0	40.0	118
CA	290.0	275.0	90	95	260.0	260.0	100
CO	155.0	139.0	116	119	180.0	165.0	92
ID	184.0	184.0	130	130	240.0	240.0	100
IL	42.0	40.0	136	145	57.0	58.0	102
IN	34.0	34.0	132	132	45.0	45.0	100
IA	140.0	147.0	157	146	220.0	215.0	98
KS	47.0	53.0	140	134	66.0	71.0	108
KY	17.5	16.0	120	138	21.0	22.0	105
MD	13.0	15.0	131	110	17.0	16.5	97
MI	47.0	43.0	128	128	60.0	55.0	92
MN	85.0	80.0	159	169	135.0	135.0	100
MO	49.0	45.0	112	133	55.0	60.0	109
MT	220.0	220.0	127	123	280.0	270.0	96
NE	63.0	67.0	140	125	88.0	84.0	95
NV	55.0	52.0	109	108	60.0	56.0	93
N ENG <sup>2</sup>	29.0	28.0	117	125	34.0	35.0	103
NM	115.0	108.0	86	79	99.0	85.0	86
NY	43.0	41.0	119	129	51.0	53.0	104
NC	12.5	12.5	112	124	14.0	15.5	111
ND	71.0	59.0	120	149	85.0	88.0	104
OH	93.0	94.0	141	128	131.0	120.0	92
OK	50.0	45.0	96	116	48.0	52.0	108
OR	130.0	112.0	108	129	140.0	145.0	104
PA	64.0	58.0	130	145	83.0	84.0	101
SD	265.0	240.0	113	121	300.0	290.0	97
TN	15.0	14.0	100	107	15.0	15.0	100
TX	660.0	675.0	79	77	520.0	520.0	100
UT	240.0	195.0	100	126	240.0	245.0	102
VA	38.0	34.0	113	138	43.0	47.0	109
WA	37.0	32.0	149	166	55.0	53.0	96
WV	24.0	25.0	138	116	33.0	29.0	88
WI	53.0	52.0	140	142	74.0	74.0	100
WY	295.0	270.0	105	111	310.0	300.0	97
Oth Sts <sup>3</sup>	48.0	57.0	98	93	47.0	53.0	113
US	3,773.0	3,609.5	110	113	4,140.0	4,096.0	99

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

<sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>3</sup> Other States include AL, AK, AR, DE, FL, GA, HI, LA, MS, NJ, and SC.

**Market Sheep and Lambs: Number by Weight Group, State,  
and United States, January 1, 2004**

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	11.0	15.0	16.0	13.0	55.0	2.0	57.0
CA	145.0	70.0	95.0	35.0	345.0	10.0	355.0
CO	2.0	4.0	18.0	165.0	189.0	1.0	190.0
ID	11.0	1.0	8.0	14.0	34.0	1.0	35.0
IL	4.0	1.0	1.0	3.0	9.0	1.0	10.0
IN	2.0	0.4	1.4	0.7	4.5	0.5	5.0
IA	8.0	10.0	28.0	22.0	68.0	2.0	70.0
KS	17.0	3.0	5.5	7.5	33.0	3.0	36.0
KY	1.7	0.5	0.9	0.5	3.6	0.4	4.0
MD	2.0	1.0	0.5	0.5	4.0	2.0	6.0
MI	5.0	4.0	4.0	9.0	22.0	2.0	24.0
MN	8.0	10.0	12.0	9.0	39.0	1.0	40.0
MO	1.0	1.0	2.0	1.5	5.5	0.5	6.0
MT	1.0	4.0	8.0	5.0	18.0	2.0	20.0
NE	4.0	2.0	4.0	10.0	20.0	1.0	21.0
NV		1.0	2.0	7.0	10.0	1.0	11.0
N ENG <sup>1</sup>	1.9	1.1	1.1	0.4	4.5	1.5	6.0
NM	6.0	8.0	8.0	3.0	25.0	2.0	27.0
NY	10.0	3.0	1.0	1.0	15.0	1.0	16.0
NC	1.6	0.2	0.3	0.2	2.3	0.2	2.5
ND	3.0	4.0	11.0	7.0	25.0	1.0	26.0
OH	5.0	7.0	4.0	4.0	20.0	1.0	21.0
OK	8.0	2.0	2.0	2.0	14.0	1.0	15.0
OR	11.0	12.0	26.0	20.0	69.0	1.0	70.0
PA	7.0	3.0	2.0	1.0	13.0	2.0	15.0
SD	4.0	4.0	20.0	51.0	79.0	1.0	80.0
TN	1.2	0.2	0.2	0.2	1.8	0.2	2.0
TX	130.0	50.0	40.0	30.0	250.0	10.0	260.0
UT	2.0	2.0	6.0	15.0	25.0	5.0	30.0
VA	4.0	3.0	2.5	1.5	11.0	1.0	12.0
WA	0.6	1.5	0.9	2.7	5.7	0.3	6.0
WV	1.5	0.5	1.0	0.5	3.5	0.5	4.0
WI	2.0	4.0	4.0	3.0	13.0	2.0	15.0
WY	2.0	18.0	29.0	40.0	89.0	1.0	90.0
Oth Sts <sup>2</sup>	8.0	4.5	1.5	1.0	15.0	3.5	18.5
US	431.5	255.9	366.8	486.2	1,540.4	65.6	1,606.0

<sup>1</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>2</sup> Other States include AL, AK, AR, DE, FL, GA, HI, LA, MS, NJ, and SC.

**Market Sheep and Lambs: Number by Weight Group, State,  
and United States, January 1, 2005**

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	15.0	6.0	9.0	8.0	38.0	2.0	40.0
CA	155.0	60.0	65.0	55.0	335.0	10.0	345.0
CO	2.0	6.0	39.0	147.0	194.0	1.0	195.0
ID	4.0	1.0	8.0	31.0	44.0	1.0	45.0
IL	3.5	1.5	1.5	3.5	10.0	3.0	13.0
IN	3.2	0.4	0.9	0.7	5.2	0.8	6.0
IA	8.0	9.0	21.0	30.0	68.0	2.0	70.0
KS	13.5	3.0	13.5	5.0	35.0	6.0	41.0
KY	3.0	0.8	0.5	0.2	4.5	1.5	6.0
MD	1.7	1.0	0.7	0.5	3.9	1.6	5.5
MI	6.0	4.0	4.0	9.0	23.0	1.0	24.0
MN	9.0	11.0	13.0	11.0	44.0	1.0	45.0
MO	2.0	1.0	1.5	2.0	6.5	1.0	7.5
MT	2.0	3.0	12.0	5.0	22.0	3.0	25.0
NE	3.5	2.5	5.0	10.0	21.0	1.0	22.0
NV		1.0	2.0	1.0	4.0		4.0
N ENG <sup>1</sup>	2.3	2.0	1.0	0.3	5.6	0.9	6.5
NM	7.0	7.0	5.0	4.0	23.0	2.0	25.0
NY	10.0	3.5	1.0	1.0	15.5	1.5	17.0
NC	1.6	0.5	0.4	0.1	2.6	0.4	3.0
ND	3.0	4.0	7.0	9.0	23.0	1.0	24.0
OH	5.0	5.0	5.0	3.0	18.0	2.0	20.0
OK	6.0	3.0	3.0	2.0	14.0	1.0	15.0
OR	10.0	10.0	33.0	24.0	77.0	3.0	80.0
PA	6.0	3.0	3.0	1.0	13.0	4.0	17.0
SD	10.0	7.0	18.0	53.0	88.0	2.0	90.0
TN	1.8	0.6	0.2	0.2	2.8	0.2	3.0
TX	100.0	40.0	50.0	30.0	220.0	10.0	230.0
UT	2.0	2.0	10.0	9.0	23.0	2.0	25.0
VA	4.9	1.9	5.5	1.7	14.0	1.0	15.0
WA	2.0	1.0	1.4	0.4	4.8	0.2	5.0
WV	0.5	0.5	0.5	0.5	2.0		2.0
WI	3.0	4.0	4.0	3.0	14.0	2.0	16.0
WY	1.0	6.0	36.0	56.0	99.0	1.0	100.0
Oth Sts <sup>2</sup>	5.7	2.5	1.3	1.0	10.5	4.0	14.5
US	413.2	214.7	381.9	518.1	1,527.9	74.1	1,602.0

<sup>1</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>2</sup> Other States include AL, AK, AR, DE, FL, GA, HI, LA, MS, NJ, and SC.

**Wool: Number of Sheep and Lambs Shorn, Weight per Fleece,  
and Production by State, and United States, 2003-2004**

State	Sheep Shorn		Weight per Fleece		Production	
	2003	2004	2003	2004	2003	2004
	<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	102.0	90.0	6.1	6.4	620	580
CA	500.0	480.0	7.0	7.1	3,500	3,400
CO	360.0	390.0	7.2	6.6	2,580	2,570
ID	217.0	225.0	9.7	9.4	2,115	2,125
IL	58.0	60.0	6.8	6.8	395	405
IN	42.0	43.0	6.7	6.4	280	275
IA	240.0	230.0	6.0	6.0	1,450	1,370
KS	80.0	66.0	7.0	7.3	560	485
KY	17.0	20.0	6.8	6.8	115	135
MD	17.0	15.0	7.1	6.9	120	103
MI	77.0	76.0	6.2	5.8	475	440
MN	140.0	140.0	6.8	6.5	950	910
MO	53.0	61.0	7.0	6.1	370	375
MT	272.0	267.0	9.5	9.3	2,597	2,472
NE	88.0	83.0	7.2	7.2	630	600
NV	55.0	55.0	8.4	9.3	460	510
N ENG <sup>1</sup>	37.0	40.0	7.0	7.1	260	284
NM	160.0	140.0	7.8	7.3	1,240	1,020
NY	48.0	53.0	6.7	6.7	320	356
NC	10.0	10.0	6.5	6.4	65	64
ND	75.0	82.0	8.7	9.1	650	745
OH	144.0	140.0	6.4	6.5	920	903
OK	50.0	50.0	6.3	6.2	315	310
OR	178.0	173.0	6.8	6.3	1,210	1,090
PA	61.0	68.0	6.7	6.5	410	440
SD	330.0	345.0	8.0	7.6	2,625	2,610
TN	16.0	16.0	6.6	6.2	105	99
TX	800.0	810.0	7.0	6.9	5,600	5,600
UT	240.0	245.0	9.3	9.2	2,230	2,250
VA	36.0	36.0	6.1	6.3	220	226
WA	36.0	40.0	8.1	8.2	292	326
WV	28.0	24.0	5.7	5.6	160	134
WI	67.0	70.0	7.2	7.1	480	500
WY	390.0	390.0	9.4	9.3	3,650	3,640
Oth Sts <sup>2</sup>	50.0	40.0	6.6	6.8	330	270
US	5,074.0	5,073.0	7.5	7.4	38,299	37,622

<sup>1</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>2</sup> Other States include AL, AK, AR, DE, FL, GA, HI, LA, MS, NJ, and SC.

**Wool: Price and Value by State and United States, 2003-2004**

State	Price per Pound		Value <sup>1</sup>	
	2003	2004	2003	2004
	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	0.34	0.30	211	174
CA	0.79	0.82	2,765	2,788
CO	0.74	0.85	1,909	2,185
ID	0.86	0.88	1,819	1,870
IL	0.23	0.26	91	105
IN	0.19	0.21	53	58
IA	0.29	0.34	421	466
KS	0.45	0.57	252	276
KY	0.24	0.31	28	42
MD	0.34	0.41	41	42
MI	0.30	0.45	143	198
MN	0.30	0.37	285	337
MO	0.42	0.40	155	150
MT	1.03	1.17	2,675	2,892
NE	0.35	0.43	221	258
NV	0.95	0.94	437	479
N ENG <sup>2</sup>	0.35	0.45	91	128
NM	1.10	1.00	1,364	1,020
NY	0.27	0.21	86	75
NC	0.42	0.38	27	24
ND	0.60	0.75	390	559
OH	0.23	0.34	212	307
OK	0.40	0.50	126	155
OR	0.58	0.65	702	709
PA	0.27	0.27	111	119
SD	0.76	0.72	1,995	1,879
TN	0.67	0.63	70	62
TX	0.90	1.02	5,040	5,712
UT	0.80	0.83	1,784	1,868
VA	0.33	0.40	73	90
WA	0.63	0.80	184	261
WV	0.28	0.43	45	58
WI	0.25	0.30	120	150
WY	1.10	1.17	4,015	4,259
Oth Sts <sup>3</sup>	0.56	0.65	185	176
US <sup>4</sup>	0.73	0.80	28,126	29,931

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

<sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>3</sup> Other States include AL, AK, AR, DE, FL, GA, HI, LA, MS, NJ, and SC.

<sup>4</sup> U.S. Value may not add due to rounding.

**Goats: Number by Class, United States, January 1, 2005**

Item	Total	Breeding	Market	Kid Crop <sup>1</sup>
	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Angora	274,000	239,200	34,800	
Milk	283,500	256,500	27,000	
Meat	1,965,000	1,614,000	351,000	
All	2,522,500	2,109,700	412,800	1,673,280

<sup>1</sup> Kids born in 2004.

**Goat Inventory**  
**United States, 2002 and 2005**  
 2002 Census of Agriculture, January 1, 2005 Survey



**Angora Goats: Number by Class,  
State and United States, December 31, 2002 and January 1, 2005**

State	2002 <sup>1</sup>		2005	
	<i>Head</i>		<i>Head</i>	
AZ		27,905		23,000
CA		4,538		3,000
CO		1,004		1,000
GA		318		1,000
ID		403		1,100
MI		1,374		1,000
MO		2,483		1,600
NE		973		1,050
N ENG <sup>2</sup>		1,209		1,300
NM		7,059		10,000
OH		2,202		1,500
OK		1,101		1,000
OR		2,156		2,300
TX		229,937		210,000
WA		846		1,000
Oth Sts <sup>3</sup>		17,245		14,150
US		300,753		274,000

<sup>1</sup> 2002 Census of Agriculture.

<sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>3</sup> Other States include AL, AK, AR, DE, FL, HI, IL, IN, IA, KS, KY, LA, MD, MN, MS, MT, NV, NJ, NY, NC, ND, PA, SC, SD, TN, UT, VA, WV, WI and WY.

**Mohair: Production, Price, and Value by Selected States,  
United States, 2003-2004 <sup>1</sup>**

State	Goats Clipped		Average Clip per Goat		Production		Price per Pound		Value <sup>2</sup>	
	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004
	<i>Head</i>	<i>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	28,000	22,000	5.0	5.0	140	110	1.40	1.10	196	121
CA <sup>3</sup>		2,500		8.0		20		1.70		34
NM	10,000	10,000	6.0	6.0	60	60	1.25	1.10	75	66
TX	210,000	210,000	8.0	7.7	1,680	1,620	1.70	2.10	2,856	3,402
Oth Sts <sup>3 4</sup>		25,000		5.0		125		1.50		188
US <sup>2</sup>	248,000	269,500	7.6	7.2	1,880	1,935	1.66	1.97	3,127	3,811

<sup>1</sup> 2003 data are a 3-state total. 2004 data are U.S. total.

<sup>2</sup> Production multiplied by marketing year average price. U.S. value is summation of State values.

<sup>3</sup> Data not available prior to 2004.

<sup>4</sup> Other States include AL, AK, AR, CO, CT, DE, FL, GA, HI, ID, IL, IA, KS, KY, LA, ME, MD, MA, MI, MN, MO, MT, NE, NV, NH, NJ, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, UT, VT, VA, WA, WV, WI, and WY.

**Milk Goats: Number by Class,  
State and United States, December 31, 2002 and January 1, 2005**

State	2002 <sup>1</sup>	2005
	<i>Head</i>	<i>Head</i>
AL	2,657	2,000
AZ	3,197	1,000
AR	5,772	4,700
CA	37,343	30,000
CO	5,581	7,000
FL	3,686	3,500
GA	3,162	2,000
ID	4,434	2,700
IL	4,685	4,700
IN	7,558	8,800
IA	8,524	13,000
KS	4,341	3,500
KY	5,977	5,550
MI	8,935	7,500
MN	7,703	5,800
MS	1,630	1,500
MO	8,656	8,600
NE	2,541	3,000
N ENG <sup>2</sup>	9,153	11,300
NM	1,974	4,500
NY	12,822	13,000
NC	6,712	7,000
OH	14,420	9,500
OK	8,389	9,000
OR	9,250	6,900
PA	12,652	13,000
SC	2,849	3,000
TN	6,971	6,200
TX	22,569	30,000
VA	4,401	2,800
WA	8,106	7,500
WV	2,336	1,100
WI	25,900	28,000
Oth Sts <sup>3</sup>	15,903	15,850
US	290,789	283,500

<sup>1</sup> 2002 Census of Agriculture.

<sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>3</sup> Other States include AK, DE, HI, LA, MD, MT, NJ, NV, ND, SD, UT, and WY.

**Meat and Other Goats: Number by Class,  
State and United States, December 31, 2002 and January 1, 2005**

State	2002 <sup>1</sup>	2005
	<i>Head</i>	<i>Head</i>
AL	47,270	37,800
AZ	4,272	4,000
AR	26,578	27,000
CA	61,241	50,000
CO	11,976	16,000
FL	36,020	36,000
GA	66,018	77,000
ID	6,683	5,200
IL	12,142	11,000
IN	20,045	15,800
IA	9,666	13,000
KS	19,797	27,000
KY	61,618	63,500
LA	13,641	12,500
MI	10,785	8,500
MN	11,084	8,000
MS	24,788	14,100
MO	37,515	34,800
NE	8,204	13,000
N ENG <sup>2</sup>	9,783	10,000
NM	10,095	7,300
NY	19,539	18,100
NC	58,993	52,200
OH	28,439	34,000
OK	73,302	65,000
OR	19,222	21,700
PA	26,257	22,000
SC	37,985	41,000
TN	107,211	98,000
TX	941,783	1,010,000
VA	35,710	34,400
WA	14,265	14,000
WV	14,326	11,700
WI	8,634	6,400
Oth Sts <sup>3</sup>	44,037	45,000
US	1,938,924	1,965,000

<sup>1</sup> 2002 Census of Agriculture.

<sup>2</sup> N ENG includes CT, ME, MA, NH, RI, and VT.

<sup>3</sup> Other States include AK, DE, HI, MD, MT, NJ, NV, ND, SD, UT, and WY.

## Reliability of January 1 Sheep, Lamb, 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 22,000 operators were contacted during the first half of January by mail, telephone and face-to-face personal interview and 84 percent of the reports were usable. 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 2004 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 following table. 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 1.0 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 6.14 million head by more than 1.0 percent. Chances are 9 out of 10 that the difference will not exceed 1.9 percent.

The "Root Mean Square Error" for sheep shorn 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 5.1 million head by more than 1.1 percent. Chances are 9 out of 10 that the difference will not exceed 1.9 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 53,000 head, ranging from 7,000 to 209,000 head. The initial inventory estimate of All Sheep and Lambs has been below the latest estimate 7 times and above the latest estimate 3 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 48,000 head, ranging from 9,000 to 148,000 head. The initial inventory estimate of Sheep and Lambs Shorn has been below the latest estimate 5 times and above 5 times in the last 10 years.

**Reliability of U.S. January 1 Sheep and Lamb Estimates <sup>1</sup>**

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Final Estimates <sup>1</sup>			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	1.0	1.9	115.8	53	7	209	3	7
Breeding Sheep	0.8	1.4	63.4	33	2	78	3	7
Lamb Crop	1.0	1.8	73.6	46	5	112	2	8
Sheep Shorn	1.1	1.9	98.0	48	9	148	5	5
	<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	1.1	1.9	727.6	334	22	1,095	6	4

<sup>1</sup> Based on data for the past 10 years.

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