
Sheep and Goats



National
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Service

United States
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Board

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ALL SHEEP AND LAMB INVENTORY in the United States on January 1, 1991, totaled 11.2 million head, according to the Agricultural Statistics Board, down 1 percent from a year earlier. The value of sheep and lambs on hand totaled \$735 million, 18 percent below a year earlier. The average value per head was \$65.60, down 17 percent from a year earlier.

STOCK SHEEP INVENTORY decreased to 9.47 million head on January 1, 1991, down 1 percent from 9.60 million last year. Ewes one year old and older, at 7.43 million head, was down 2 percent. Ewe lamb inventory totaled 1.34 million head, up 1 percent from a year earlier.

SHEEP AND LAMBS ON FEED January 1, 1991, for the slaughter market in the 25 major feeding States totaled 1.73 million head, down 2 percent from a year earlier.

1990 LAMB CROP of 7.70 million head decreased slightly from the 1989 lamb crop. The 1990 lambing rate was 101 per 100 ewes one year old and older on hand January 1, 1990, compared with 107 in 1989.

GOAT NUMBERS in Texas totaled 1.83 million on January 1, 1991, down 4 percent from a year earlier. Total value of \$62.2 million was down 33 percent from a year earlier. Angora goat inventory on January 1, 1991, in the five major producing States totaled 1.78 million head. Value of the angora goat inventory totaled \$70.9 million.

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RELIABILITY AND ESTIMATING PROCEDURES

Primary data used in making sheep and lamb estimates in this report were obtained from a sample of agricultural producers across the U.S. using probability surveys. Information was collected during the first half of January by mail, telephone, and personal interview. These surveys included information from a list of 57,300 agricultural producers plus additional information from operators of about 7,500 small land area tracts. Since all operations with sheep were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, was 3.6 percent of the total sheep and lambs at the national level. This means that chances are approximately 95 out of 100 that the survey estimate will be within 7.2 percent of the complete coverage value if the same procedures were used to survey all producers. The relative standard error for stock sheep, classes of stock sheep, and lamb crop was somewhat larger ranging from 4.1 to 8.3 percent. Survey estimates are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

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

Sheep: Number by Classes, Value Per Head, and Total Value
United States, January 1, 1989-91

Class	1989	1990	1991	1991/90
	-----1,000 HEAD-----			PERCENT
All Sheep and Lambs 1/	10,858	11,363	11,200	99
On Feed	1,646	1,762	1,730	98
Stock Sheep	9,212	9,601	9,471	99
Lambs				
Ewes	1,344	1,324	1,342	101
Wethers and Rams	346	312	351	113
One Year Old and Older				
Ewes	7,187	7,609	7,429	98
Wethers and Rams	334	356	349	98
New Crop Lambs 2/	821	774	761	98
	-----DOLLARS-----			
All Sheep and Lambs Value Per Head 3/	82.40	79.30	65.60	83
	-----1,000 DOLLARS-----			
All Sheep and Lambs Total Value	894,912	901,545	734,868	82

1/ New Crop Lambs are not included in all Sheep and Lambs Inventory estimates in this report. 2/ Includes all lambs born after Sep 30 previous year that are on hand Jan 1. 3/ Based on reporters' estimates of average price per head in their localities.

United States balance sheet 1/: All Sheep and Lambs, 1988-90

Item	1988	1989	1990
	-----1,000 HEAD-----		
Jan 1 Inventory	10,945	10,858	11,363
Lamb Crop and Imports	7,232	7,877	7,730
Total Supply	18,177	18,735	19,093
Slaughter	5,392	5,572	5,760
Deaths and Exports	1,596	1,514	1,731
Total Disappearance	6,988	7,086	7,491
Residual	331	286	402
Jan 1 Inventory (End of year)	10,858	11,363	11,200

1/ Final 1989 and preliminary 1990 estimates will be published in Meat Animals, Production, Disposition, and Income, Apr 12, 1991.

Lamb Crop: Per 100 Ewes 1+, Number and Percent of Previous Year, by States and United States, 1989-90

State	Breeding Ewes 1 Year and Older Jan 1		Lamb Crop per 100: Ewes 1+ Jan 1		Lamb Crop 1/		1990 as % of 1989
	1989	1990	1989	1990	1989	1990	
	1,000 HEAD		NUMBER		1,000 HEAD		PERCENT
AL	2/	2/	2/	2/	2/	7.4	2/
AK	1.4	1.5	50	53	0.7	0.8	114
AZ	185.0	170.0	70	68	130.0	115.0	88
CA	632.0	620.0	87	86	550.0	535.0	97
CO	355.0	375.0	113	113	400.0	425.0	106
CT	5.8	7.0	148	117	8.6	8.2	95
ID	220.0	215.0	123	119	270.0	255.0	94
IL	98.0	106.0	163	109	160.0	115.0	72
IN	68.0	67.0	132	134	90.0	90.0	100
IA	293.0	332.0	131	130	385.0	430.0	112
KS	130.0	155.0	112	87	145.0	134.0	92
KY	25.0	28.0	124	111	31.0	31.0	100
LA	12.0	12.2	92	86	11.0	10.5	95
ME	11.0	14.0	145	107	16.0	15.0	94
MD	23.0	21.2	100	109	23.0	23.0	100
MA	9.7	12.0	134	125	13.0	15.0	115
MI	72.0	75.0	132	113	95.0	85.0	89
MN	170.0	165.0	132	133	225.0	220.0	98
MO	87.0	100.0	126	110	110.0	110.0	100
MT	434.0	490.0	115	109	500.0	535.0	107
NE	97.0	111.0	129	108	125.0	120.0	96
NV	70.0	80.0	120	100	84.0	80.0	95
NH	7.6	8.8	158	114	12.0	10.0	83
NJ	9.0	9.5	111	126	10.0	12.0	120
NM	384.0	373.0	76	70	290.0	260.0	90
NY	57.0	60.0	118	107	67.0	64.0	96
NC	9.5	10.5	116	114	11.0	12.0	109
ND	111.0	120.0	141	143	156.0	171.0	110
OH	165.0	166.0	121	124	200.0	205.0	103
OK	94.0	82.0	96	104	90.0	85.0	94
OR	280.0	279.0	111	115	310.0	320.0	103
PA	91.0	95.0	108	105	98.0	100.0	102
SD	430.0	441.0	120	122	515.0	540.0	105
TN	8.1	9.2	120	109	9.7	10.0	103
TX	1,250.0	1,490.0	92	77	1,150.0	1,150.0	100
UT	405.0	407.0	106	106	430.0	430.0	100
VT	17.0	19.0	147	126	25.0	24.0	96
VA	95.0	100.0	137	124	130.0	124.0	95
WA	51.0	58.0	147	121	75.0	70.0	93
WV	62.0	62.0	121	121	75.0	75.0	100
WI	66.0	71.0	152	132	100.0	94.0	94
WY	555.0	545.0	99	101	550.0	550.0	100
8 OTHER STATES 3/	41.0	46.0	120	83	49.0	38.1	78
US	7,187.1	7,608.9	107	101	7,725.0	7,704.0	100

1/ Lamb Crop is defined as lambs born in the Native States and lambs docked or branded in the Western States. 2/ Not available. 3/ Other States includes Arkansas, Delaware, Florida, Georgia, Hawaii, Mississippi, Rhode Island, and South Carolina in 1990 and these 8 States plus Alabama in 1989.

All Sheep and Lambs: Number, Value per Head, and Total Value, by States,
and United States, January 1, 1990-91

State	All Sheep and Lambs 1/			Value per Head		Total Value	
	1990	1991	1991/90:	1990	1991	1990	1991
	1,000 HEAD		PERCENT	DOLLARS		1,000 DOLLARS	
AL	2/	11.5	2/	2/	115.00	2/	1,323
AK	2.5	2.5	100	71.00	68.00	178	170
AZ	262.0	250.0	95	89.00	80.00	23,318	20,000
CA	1,000.0	1,015.0	102	86.00	76.00	86,000	77,140
CO	840.0	710.0	85	84.00	80.00	70,560	56,800
CT	9.9	9.9	100	105.00	115.00	1,040	1,139
ID	286.0	272.0	95	92.00	69.00	26,312	18,768
IL	159.0	145.0	91	94.00	76.00	14,946	11,020
IN	90.0	100.0	111	87.00	83.00	7,830	8,300
IA	490.0	465.0	95	79.00	58.00	38,710	26,970
KS	287.0	213.0	74	63.00	55.00	18,081	11,715
KY	38.0	35.0	92	86.00	65.00	3,268	2,275
LA	17.0	16.0	94	75.00	82.00	1,275	1,312
ME	20.0	17.7	89	92.00	105.00	1,840	1,859
MD	32.0	30.0	94	96.00	105.00	3,072	3,150
MA	16.8	16.6	99	115.00	115.00	1,932	1,909
MI	121.0	115.0	95	77.00	70.00	9,317	8,050
MN	285.0	300.0	105	79.00	67.00	22,515	20,100
MO	138.0	134.0	97	78.00	56.00	10,764	7,504
MT	663.0	683.0	103	85.00	64.00	56,355	43,712
NE	177.0	165.0	93	72.00	67.00	12,744	11,055
NV	101.0	98.5	98	92.00	74.00	9,292	7,289
NH	12.6	10.8	86	110.00	115.00	1,386	1,242
NJ	14.0	11.4	81	115.00	120.00	1,610	1,368
NM	495.0	462.0	93	78.00	62.00	38,610	28,644
NY	92.0	92.0	100	96.00	84.00	8,832	7,728
NC	15.0	17.0	113	84.00	64.00	1,260	1,088
ND	186.0	222.0	119	84.00	67.00	15,624	14,874
OH	270.0	305.0	113	84.00	73.00	22,680	22,265
OK	119.0	135.0	113	72.00	53.00	8,568	7,155
OR	455.0	466.0	102	66.00	54.00	30,030	25,164
PA	134.0	140.0	104	79.00	88.00	10,586	12,320
SD	590.0	640.0	108	84.00	62.00	49,560	39,680
TN	12.0	14.0	117	94.00	88.00	1,128	1,232
TX	2,090.0	2,000.0	96	64.00	54.00	133,760	108,000
UT	509.0	508.0	100	94.00	64.00	47,846	32,512
VT	29.5	28.3	96	92.00	100.00	2,714	2,830
VA	165.0	157.0	95	73.00	54.00	12,045	8,478
WA	83.0	81.0	98	85.00	82.00	7,055	6,642
WV	80.0	85.0	106	72.00	59.00	5,760	5,015
WI	105.0	103.0	98	84.00	74.00	8,820	7,622
WY	805.0	830.0	103	86.00	64.00	69,230	53,120
8 OTHER STATES 3/	67.0	87.9	131	76.00	72.00	5,092	6,329
US	11,363.3	11,200.1	99	79.30	65.60	901,545	734,868

1/ New Crop Lambs are not included in the inventory estimates of All Sheep and Lambs. 2/ Not available. 3/ Other States includes Arkansas, Delaware, Florida, Georgia, Hawaii, Mississippi, Rhode Island, and South Carolina in 1991 and these States plus Alabama in 1990.

Sheep and Lambs: Number by Classes, by States and United States
January 1, 1990-91

State	: Stock Sheep-One Year Old and Older:				: Stock Sheep-Lambs			
	: Ewes		: Rams and Wethers :		: Ewes		: Rams and Wethers	
	: 1990	: 1991	: 1990	: 1991	: 1990	: 1991	: 1990	: 1991
	1,000 HEAD							
AL	1/	7.8	1/	0.7	1/	1.5	1/	1.5
AK	1.5	1.4	0.7	0.6	0.2	0.3	0.1	0.2
AZ	170.0	163.0	8.0	7.0	27.0	22.0	15.0	13.0
CA	620.0	576.0	26.0	27.0	97.0	91.0	32.0	41.0
CO	375.0	363.0	13.0	13.0	55.0	71.0	12.0	13.0
CT	7.0	7.0	0.6	0.5	1.6	1.7	0.7	0.7
ID	215.0	199.0	6.0	6.0	44.0	43.0	5.0	7.0
IL	106.0	89.0	6.0	6.0	22.0	17.0	4.0	3.0
IN	67.0	74.0	4.0	4.0	9.0	10.0	2.0	2.0
IA	332.0	315.0	12.0	12.0	46.0	43.0	10.0	10.0
KS	155.0	126.0	9.0	5.0	16.0	15.0	5.0	4.0
KY	28.0	25.0	2.0	1.7	3.8	3.8	4.2	4.5
LA	12.2	12.5	1.5	1.5	2.3	1.5	1.0	0.5
ME	14.0	12.0	1.3	1.2	2.9	2.7	1.8	1.8
MD	21.2	21.0	3.8	2.0	5.1	4.5	1.9	2.5
MA	12.0	12.0	1.1	1.0	2.6	2.6	1.1	1.0
MI	75.0	68.0	4.0	3.0	11.0	12.0	2.0	2.0
MN	165.0	170.0	8.0	7.0	31.0	36.0	6.0	7.0
MO	100.0	95.0	5.0	7.0	12.0	12.0	3.0	3.0
MT	490.0	504.0	17.0	17.0	124.0	117.0	9.0	12.0
NE	111.0	98.0	5.0	5.0	15.0	14.0	4.0	3.0
NV	80.0	79.0	3.0	3.0	13.0	13.0	1.0	1.0
NH	8.8	7.1	0.9	0.7	2.0	2.1	0.9	0.9
NJ	9.5	7.6	1.0	1.7	2.0	1.3	1.5	0.8
NM	373.0	338.0	21.0	21.0	66.0	60.0	13.0	16.0
NY	60.0	61.0	3.0	3.0	18.0	18.0	11.0	10.0
NC	10.5	11.5	1.0	1.0	2.5	3.5	1.0	1.0
ND	120.0	138.0	5.0	5.0	23.0	22.0	4.0	2.0
OH	166.0	184.0	8.0	10.0	27.0	32.0	4.0	4.0
OK	82.0	86.0	5.0	5.0	12.0	15.0	6.0	9.0
OR	279.0	285.0	14.0	15.0	40.0	43.0	12.0	17.0
PA	95.0	100.0	10.0	8.0	20.0	19.0	9.0	13.0
SD	441.0	438.0	14.0	17.0	74.0	94.0	6.0	6.0
TN	9.2	10.0	0.8	1.5	1.4	1.7	0.6	0.8
TX	1,490.0	1,420.0	80.0	70.0	250.0	240.0	70.0	90.0
UT	407.0	403.0	13.0	12.0	58.0	58.0	7.0	7.0
VT	19.0	18.0	1.5	1.5	5.4	5.2	3.6	3.6
VA	100.0	98.0	5.0	5.0	13.0	12.0	4.0	4.0
WA	58.0	59.0	4.0	3.0	15.5	15.0	5.5	4.0
WV	62.0	67.0	3.0	4.0	7.0	9.0	8.0	5.0
WI	71.0	67.0	4.0	4.0	13.0	10.0	2.0	4.0
WY	545.0	555.0	20.0	20.0	125.0	130.0	15.0	15.0
8 OTHER STATES 2/	46.0	58.0	5.0	9.3	9.0	16.1	7.0	4.5
US	7,608.9	7,428.9	356.2	348.9	1,324.3	1,341.5	311.9	351.3

1/ Not available. 2/ Other States includes Arkansas, Delaware, Florida, Georgia, Hawaii, Mississippi, Rhode Island, and South Carolina.

Sheep and Lambs: Number by Classes, by States, January 1, 1990-91
Operations with Sheep, 1989-90 1/

State	Stock Sheep and Lambs - Total			Sheep and Lambs on Feed 1/			Operations with Sheep 2/	
	1990	1991	1991/90	1990	1991	1991/90	1989	1990
	1,000 HEAD		PERCENT	1,000 HEAD		PERCENT	NUMBER	
AL	3/	11.5	3/				3/	3/
AK	2.5	2.5	100				40	30
AZ	220.0	205.0	93	42.0	45.0	107	450	450
CA	775.0	735.0	95	225.0	280.0	124	6,000	5,500
CO	455.0	460.0	101	385.0	250.0	65	2,300	2,400
CT	9.9	9.9	100				450	460
ID	270.0	255.0	94	16.0	17.0	106	2,000	2,000
IL	138.0	115.0	83	21.0	30.0	143	5,400	5,100
IN	82.0	90.0	110	8.0	10.0	125	3,800	3,500
IA	400.0	380.0	95	90.0	85.0	94	10,000	10,000
KS	185.0	150.0	81	102.0	63.0	62	2,600	2,600
KY	38.0	35.0	92				1,200	1,100
LA	17.0	16.0	94				1,300	1,200
ME	20.0	17.7	89				700	700
MD	32.0	30.0	94				1,200	1,200
MA	16.8	16.6	99				800	750
MI	92.0	85.0	92	29.0	30.0	103	2,600	2,600
MN	210.0	220.0	105	75.0	80.0	107	5,000	5,200
MO	120.0	117.0	98	18.0	17.0	94	3,500	3,400
MT	640.0	650.0	102	23.0	33.0	144	2,800	2,800
NE	135.0	120.0	89	42.0	45.0	107	3,200	3,200
NV	97.0	96.0	99	4.0	2.5	63	300	300
NH	12.6	10.8	86				600	550
NJ	14.0	11.4	81				700	700
NM	473.0	435.0	92	22.0	27.0	123	1,200	1,200
NY	92.0	92.0	100				2,200	2,400
NC	15.0	17.0	113				600	600
ND	152.0	167.0	110	34.0	55.0	162	1,900	1,900
OH	205.0	230.0	112	65.0	75.0	115	7,300	7,400
OK	105.0	115.0	110	14.0	20.0	143	2,800	2,700
OR	345.0	360.0	104	110.0	106.0	96	5,100	5,100
PA	134.0	140.0	105				4,000	3,800
SD	535.0	555.0	104	55.0	85.0	155	4,100	4,100
TN	12.0	14.0	117				600	650
TX	1,890.0	1,820.0	96	200.0	180.0	90	8,200	8,200
UT	485.0	480.0	99	24.0	28.0	117	2,100	2,100
VT	29.5	28.3	96				800	800
VA	122.0	119.0	98	43.0	38.0	88	2,800	2,500
WA	83.0	81.0	98				2,200	2,200
WV	80.0	85.0	106				2,000	2,000
WI	90.0	85.0	94	15.0	18.0	120	2,800	2,800
WY	705.0	720.0	102	100.0	110.0	110	1,500	1,500
8 OTHER STATES 4/	67.0	87.9	131				2,000	2,000
US	9,601.3	9,470.6	99	1,762.0	1,729.5	98	111,140	109,690

1/ Sheep on Feed for AL, AK, CT, KY, LA, ME, MD, MA, NH, NJ, NY, NC, PA, TN, VT, WA, WV, and other States were combined with Stock Sheep. Sheep on Feed for these States totaled 49,000 in 1990 and 66,600 in 1991. 2/ An operation is any place having one or more sheep on hand during the year. 3/ Not available. 4/ Other States includes Arkansas, Delaware, Florida, Georgia, Hawaii, Mississippi, Rhode Island, and South Carolina in 1991 and these 8 states plus Alabama in 1990.

**New Crop Lambs: Number, Selected States and United States,
January 1, 1990-91 1/**

State	1990	1991	1991/90
	1,000 HEAD		PERCENT
AZ	53.0	50.0	94
CA	300.0	315.0	105
CO	5.0	3.0	60
ID	13.0	15.0	115
IA	15.0	15.0	100
KS	51.0	28.0	55
KY	5.0	5.0	100
MO	7.0	6.0	86
NE	8.0	5.0	63
OH	11.0	15.0	136
OK	13.0	15.0	115
OR	15.0	15.0	100
PA	7.0	8.0	114
SD	8.0	11.0	138
TX	190.0	180.0	95
VA	15.0	16.0	107
OTH STS	57.7	59.3	103
US	773.7	761.3	98

1/ New Crop Lamb inventory includes All Lambs born after Sep 30 the previous year that are on hand Jan 1. New Crop Lambs are not included in the inventory estimates of All Sheep and Lambs on pages 5-7 of this publication.

**All Goats: Inventory, Value per Head, and Total Value,
Texas, January 1, 1990-91**

Year	Number	Value 1/	
		Per Head	Total
	1,000 HEAD	DOLLARS	1,000 DOLLARS
1989	1,850	54.20	100,270
1990	1,900	49.00	93,100
1991	1,830	34.00	62,200

1/ Based on Reporters' estimates of average price per head in their localities.

**Angora Goats: Inventory, Value per Head, and Total Value,
5 States, January 1, 1990-91**

State	Number		Value 1/			
			Per Head		Total	
	1990	1991	1990	1991	1990	1991
	1,000 HEAD		DOLLARS		1,000 DOLLARS	
AZ	98	108	50.00	45.00	4,900	4,860
MI	12	9	65.00	65.00	780	585
NM	105	100	43.00	39.00	4,515	3,900
OK	65	63	55.00	50.00	3,575	3,150
TX	1,620	1,500	50.00	39.00	81,000	58,390
Total	1,900	1,780	49.90	39.80	94,770	70,885

1/ Based on reporters' estimates of average price per head in their localities.