



# Sheep and Goats

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## Total Sheep and Lamb Inventory Up 1 Percent

**All sheep and lamb inventory** in the United States on January 1, 2016 totaled 5.32 million head, up 1 percent from 2015. Breeding sheep inventory at 3.97 million head on January 1, 2016, increased 1 percent from 3.94 million head on January 1, 2015. Ewes one year old and older, at 3.13 million head, were slightly above last year. Market sheep and lambs on January 1, 2016 totaled 1.36 million head, up 1 percent from January 1, 2015. Market lambs comprised 94 percent of the total market inventory. Market sheep comprised the remaining 6 percent of total market inventory.

**The 2015 lamb crop** of 3.44 million head was unchanged from 2014. The 2015 lambing rate was 111 lambs per 100 ewes one year old and older on January 1, 2015, also unchanged from 2014.

**Shorn wool production** in the United States during 2015 was 27.1 million pounds, up 1 percent from 2014. Sheep and lambs shorn totaled 3.68 million head, unchanged from 2014. The average price paid for wool sold in 2015 was \$1.45 per pound for a total value of 39.3 million dollars, up 1 percent from 38.9 million dollars in 2014.

**Sheep death loss** during 2015 totaled 230 thousand head, up 5 percent from 2014. Lamb death loss increased 3 percent from 365 thousand head to 375 thousand head in 2015.

## Total Goat and Kid Inventory Down 1 Percent

**All goat inventory** in the United States on January 1, 2016 totaled 2.62 million head, down 1 percent from 2015. Breeding goat inventory totaled 2.16 million head, down 1 percent from 2015. Does one year old and older, at 1.61 million head, were 2 percent below last year's number. Market goats and kids totaled 459 thousand head, down 1 percent from a year ago.

**Kid crop** for 2015 totaled 1.68 million head for all goats, down 2 percent from 2014.

**Meat and all other goats** totaled 2.10 million head on January 1, 2016, down 1 percent from 2015. Milk goat inventory was 375 thousand head, up 3 percent from January 1, 2015, while Angora goats were down 6 percent, totaling 150 thousand head.

**Mohair production** in the United States during 2015 was 765 thousand pounds. Goats and kids clipped totaled 139 thousand head. Average weight per clip was 5.5 pounds. Mohair price was \$5.30 per pound with a value of 4.05 million dollars.

## Sheep and Goat Revisions

All sheep and goat inventory and lamb and kid crop estimates for January 1, 2015, were reviewed using official slaughter, import and export data, and the relationship of new survey information to the prior surveys. No revisions were made to sheep inventory or lamb crop at the United States level. A revision of 1 percent was made to goat inventory and no change was made to the kid crop. State level estimates were reviewed and changes were made to reallocate inventory estimates to the United States total.

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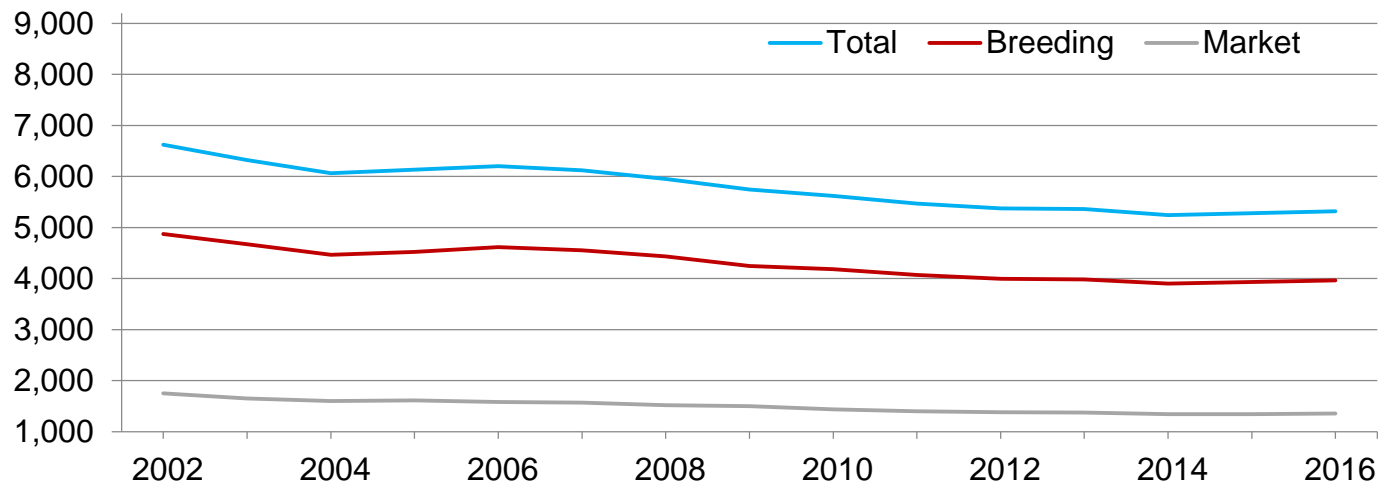
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## Sheep and Lamb Inventory by Class – United States: January 1, 2015 and 2016

Class	2015	2016	2016 as percent of 2015
	(1,000 head)	(1,000 head)	(percent)
All sheep and lambs .....	5,280.0	5,320.0	101
Breeding sheep and lambs .....	3,935.0	3,965.0	101
Replacement lambs under one year old .....	650.0	665.0	102
Ewes - one year old and older .....	3,110.0	3,125.0	100
Rams - one year old and older .....	175.0	175.0	100
Market .....	1,345.0	1,355.0	101

## Sheep and Lamb Inventory – United States: January 1

Thousand head



## Wool Production, Price, and Value – United States: 2014 and 2015

Year	Sheep shorn <sup>1</sup>	Weight per fleece	Shorn wool production	Price per pound	Value
	(1,000 head)	(pounds)	(1,000 pounds)	(dollars)	(1,000 dollars)
2014 .....	3,680	7.3	26,680	1.46	38,909
2015 .....	3,680	7.4	27,050	1.45	39,298

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

## Sheep and Lamb Inventory by Class – States and United States: January 1, 2015 and 2016

State	All sheep and lambs			Total breeding		Total market	
	2015	2016	2016 as percent of 2015	2015	2016	2015	2016
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	150.0	145.0	97	107.0	106.0	43.0	39.0
California .....	600.0	575.0	96	330.0	320.0	270.0	255.0
Colorado .....	420.0	435.0	104	220.0	220.0	200.0	215.0
Idaho .....	260.0	255.0	98	187.0	185.0	73.0	70.0
Illinois .....	57.0	60.0	105	48.0	50.0	9.0	10.0
Indiana .....	50.0	50.0	100	43.0	43.0	7.0	7.0
Iowa .....	175.0	175.0	100	125.0	125.0	50.0	50.0
Kansas .....	66.0	65.0	98	44.0	44.0	22.0	21.0
Kentucky .....	48.0	53.0	110	38.0	42.0	10.0	11.0
Michigan .....	76.0	82.0	108	55.0	58.0	21.0	24.0
Minnesota .....	130.0	125.0	96	92.0	88.0	38.0	37.0
Missouri .....	85.0	88.0	104	73.0	76.0	12.0	12.0
Montana .....	215.0	230.0	107	193.0	210.0	22.0	20.0
Nebraska .....	81.0	80.0	99	67.0	67.0	14.0	13.0
Nevada .....	69.0	60.0	87	60.0	49.0	9.0	11.0
New England <sup>1</sup> .....	43.0	42.0	98	34.0	33.0	9.0	9.0
New Mexico .....	90.0	90.0	100	76.0	76.0	14.0	14.0
New York .....	80.0	80.0	100	70.0	68.0	10.0	12.0
North Carolina .....	30.0	32.0	107	24.0	27.0	6.0	5.0
North Dakota .....	64.0	73.0	114	50.0	53.0	14.0	20.0
Ohio .....	121.0	120.0	99	96.0	96.0	25.0	24.0
Oklahoma .....	53.0	46.0	87	42.0	37.0	11.0	9.0
Oregon .....	195.0	190.0	97	140.0	135.0	55.0	55.0
Pennsylvania .....	86.0	94.0	109	71.0	77.0	15.0	17.0
South Dakota .....	255.0	255.0	100	200.0	200.0	55.0	55.0
Tennessee .....	44.0	48.0	109	37.0	40.0	7.0	8.0
Texas .....	720.0	735.0	102	570.0	590.0	150.0	145.0
Utah .....	290.0	285.0	98	270.0	265.0	20.0	20.0
Virginia .....	75.0	75.0	100	62.0	60.0	13.0	15.0
Washington .....	52.0	50.0	96	42.0	41.0	10.0	9.0
West Virginia .....	33.0	36.0	109	27.0	30.0	6.0	6.0
Wisconsin .....	77.0	76.0	99	65.0	63.0	12.0	13.0
Wyoming .....	345.0	355.0	103	260.0	265.0	85.0	90.0
Other States <sup>2</sup> .....	145.0	160.0	110	117.0	126.0	28.0	34.0
United States .....	5,280.0	5,320.0	101	3,935.0	3,965.0	1,345.0	1,355.0

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>2</sup> Includes data for States not published in this table.

## Breeding Sheep and Lamb Inventory by Class – States and United States: January 1, 2015 and 2016

State	Breeding sheep				Replacement lambs		Total breeding sheep and lambs	
	Ewes		Rams		2015	2016	2015	2016
	2015	2016	2015	2016				
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	76.0	75.0	7.0	6.0	24.0	25.0	107.0	106.0
California .....	275.0	265.0	10.0	10.0	45.0	45.0	330.0	320.0
Colorado .....	184.0	184.0	6.0	7.0	30.0	29.0	220.0	220.0
Idaho .....	150.0	146.0	6.0	5.0	31.0	34.0	187.0	185.0
Illinois .....	38.0	39.0	3.0	3.0	7.0	8.0	48.0	50.0
Indiana .....	34.0	33.0	3.0	3.0	6.0	7.0	43.0	43.0
Iowa .....	100.0	100.0	5.0	5.0	20.0	20.0	125.0	125.0
Kansas .....	36.0	36.0	2.0	2.0	6.0	6.0	44.0	44.0
Kentucky .....	30.0	33.0	2.0	2.0	6.0	7.0	38.0	42.0
Michigan .....	40.0	42.0	3.0	3.0	12.0	13.0	55.0	58.0
Minnesota .....	73.0	70.0	4.0	4.0	15.0	14.0	92.0	88.0
Missouri .....	58.0	60.0	4.0	3.0	11.0	13.0	73.0	76.0
Montana .....	153.0	159.0	6.0	6.0	34.0	45.0	193.0	210.0
Nebraska .....	55.0	55.0	3.0	3.0	9.0	9.0	67.0	67.0
Nevada .....	48.0	40.0	2.0	2.0	10.0	7.0	60.0	49.0
New England <sup>1</sup> .....	26.0	25.0	2.0	2.0	6.0	6.0	34.0	33.0
New Mexico .....	58.0	58.0	4.0	4.0	14.0	14.0	76.0	76.0
New York .....	51.0	50.0	3.0	3.0	16.0	15.0	70.0	68.0
North Carolina .....	18.0	20.0	2.0	3.0	4.0	4.0	24.0	27.0
North Dakota .....	42.0	44.0	2.0	2.0	6.0	7.0	50.0	53.0
Ohio .....	73.0	73.0	6.0	6.0	17.0	17.0	96.0	96.0
Oklahoma .....	31.0	29.0	3.0	2.0	8.0	6.0	42.0	37.0
Oregon .....	110.0	107.0	6.0	6.0	24.0	22.0	140.0	135.0
Pennsylvania .....	56.0	59.0	5.0	5.0	10.0	13.0	71.0	77.0
South Dakota .....	162.0	161.0	6.0	6.0	32.0	33.0	200.0	200.0
Tennessee .....	28.0	30.0	3.0	3.0	6.0	7.0	37.0	40.0
Texas .....	435.0	455.0	30.0	35.0	105.0	100.0	570.0	590.0
Utah .....	220.0	215.0	10.0	8.0	40.0	42.0	270.0	265.0
Virginia .....	50.0	50.0	3.0	3.0	9.0	7.0	62.0	60.0
Washington .....	31.0	31.0	3.0	3.0	8.0	7.0	42.0	41.0
West Virginia .....	22.0	24.0	1.0	1.0	4.0	5.0	27.0	30.0
Wisconsin .....	50.0	49.0	3.0	2.0	12.0	12.0	65.0	63.0
Wyoming .....	210.0	215.0	7.0	7.0	43.0	43.0	260.0	265.0
Other States <sup>2</sup> .....	87.0	93.0	10.0	10.0	20.0	23.0	117.0	126.0
United States .....	3,110.0	3,125.0	175.0	175.0	650.0	665.0	3,935.0	3,965.0

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>2</sup> Includes data for States not published in this table.

## Lamb Crop – States and United States: 2014 and 2015

State	Ewes 1 year and older January 1		Lambs per 100 ewes January 1		Lamb crop <sup>1</sup>		
	2014	2015	2014	2015	2014	2015	2015 as percent of 2014
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Arizona .....	80.0	76.0	61	67	49.0	51.0	104
California .....	270.0	275.0	89	85	240.0	235.0	98
Colorado .....	142.0	184.0	141	109	200.0	200.0	100
Idaho .....	155.0	150.0	119	120	185.0	180.0	97
Illinois .....	36.0	38.0	139	129	50.0	49.0	98
Indiana .....	34.0	34.0	126	124	43.0	42.0	98
Iowa .....	90.0	100.0	167	145	150.0	145.0	97
Kansas .....	39.0	36.0	113	119	44.0	43.0	98
Kentucky .....	31.0	30.0	129	143	40.0	43.0	108
Michigan .....	43.0	40.0	140	158	60.0	63.0	105
Minnesota .....	79.0	73.0	158	164	125.0	120.0	96
Missouri .....	57.0	58.0	125	124	71.0	72.0	101
Montana .....	155.0	153.0	129	137	200.0	210.0	105
Nebraska .....	54.0	55.0	135	129	73.0	71.0	97
Nevada .....	55.0	48.0	85	81	47.0	39.0	83
New England <sup>2</sup> .....	27.0	26.0	107	108	29.0	28.0	97
New Mexico .....	53.0	58.0	85	78	45.0	45.0	100
New York .....	47.0	51.0	117	118	55.0	60.0	109
North Carolina .....	15.0	18.0	127	106	19.0	19.0	100
North Dakota .....	41.0	42.0	134	131	55.0	55.0	100
Ohio .....	72.0	73.0	136	133	98.0	97.0	99
Oklahoma .....	36.0	31.0	100	100	36.0	31.0	86
Oregon .....	97.0	110.0	132	117	128.0	129.0	101
Pennsylvania .....	63.0	56.0	97	130	61.0	73.0	120
South Dakota .....	172.0	162.0	125	133	215.0	215.0	100
Tennessee .....	25.0	28.0	136	129	34.0	36.0	106
Texas .....	440.0	435.0	77	80	340.0	350.0	103
Utah .....	215.0	220.0	109	105	235.0	230.0	98
Virginia .....	53.0	50.0	104	116	55.0	58.0	105
Washington .....	34.0	31.0	121	110	41.0	34.0	83
West Virginia .....	22.0	22.0	132	145	29.0	32.0	110
Wisconsin .....	52.0	50.0	131	130	68.0	65.0	96
Wyoming .....	220.0	210.0	109	112	240.0	235.0	98
Other States <sup>3</sup> .....	86.0	87.0	93	98	80.0	85.0	106
United States .....	3,090.0	3,110.0	111	111	3,440.0	3,440.0	100

<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> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>3</sup> Includes data for States not published in this table.

## Market Sheep and Lamb Inventory by Weight Group – States and United States: January 1, 2015

State	Market lambs					Market sheep	Total market sheep and lambs
	Under 65 pounds	65 - 84 pounds	85 - 105 pounds	Over 105 pounds	Total		
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	12.0	8.0	5.0	14.0	39.0	4.0	43.0
California .....	110.0	15.0	40.0	95.0	260.0	10.0	270.0
Colorado .....	5.0	8.0	34.0	148.0	195.0	5.0	200.0
Idaho .....	1.0	10.0	12.0	49.0	72.0	1.0	73.0
Illinois .....	4.0	2.0	1.0	1.0	8.0	1.0	9.0
Indiana .....	3.0	1.0	1.0	1.0	6.0	1.0	7.0
Iowa .....	4.0	6.0	15.0	24.0	49.0	1.0	50.0
Kansas .....	8.5	2.5	2.5	5.5	19.0	3.0	22.0
Kentucky .....	4.9	3.0	1.1	0.5	9.5	0.5	10.0
Michigan .....	2.0	3.0	6.0	8.0	19.0	2.0	21.0
Minnesota .....	7.0	8.0	8.0	12.0	35.0	3.0	38.0
Missouri .....	4.8	2.3	2.2	1.7	11.0	1.0	12.0
Montana .....	1.0	3.0	10.0	6.0	20.0	2.0	22.0
Nebraska .....	3.5	2.0	2.5	5.0	13.0	1.0	14.0
Nevada .....	-	2.0	4.0	2.0	8.0	1.0	9.0
New England <sup>1</sup> .....	2.3	1.5	1.0	1.2	6.0	3.0	9.0
New Mexico .....	3.0	4.0	3.0	2.0	12.0	2.0	14.0
New York .....	3.0	3.0	1.0	1.0	8.0	2.0	10.0
North Carolina .....	2.7	1.0	1.0	0.3	5.0	1.0	6.0
North Dakota .....	2.0	4.0	4.0	3.0	13.0	1.0	14.0
Ohio .....	8.0	6.0	5.5	4.5	24.0	1.0	25.0
Oklahoma .....	7.0	1.0	1.0	1.0	10.0	1.0	11.0
Oregon .....	7.0	9.0	15.0	22.0	53.0	2.0	55.0
Pennsylvania .....	6.2	2.8	2.0	1.0	12.0	3.0	15.0
South Dakota .....	2.0	6.0	16.0	30.0	54.0	1.0	55.0
Tennessee .....	4.0	1.5	0.7	0.3	6.5	0.5	7.0
Texas .....	80.0	25.0	10.0	20.0	135.0	15.0	150.0
Utah .....	2.0	2.0	5.0	9.0	18.0	2.0	20.0
Virginia .....	5.0	3.0	3.0	1.0	12.0	1.0	13.0
Washington .....	2.0	2.5	2.5	1.0	8.0	2.0	10.0
West Virginia .....	2.1	1.9	1.0	1.0	6.0	-	6.0
Wisconsin .....	3.0	2.0	2.0	3.0	10.0	2.0	12.0
Wyoming .....	2.0	6.0	46.0	27.0	81.0	4.0	85.0
Other States <sup>2</sup> .....	13.0	5.0	3.0	2.0	23.0	5.0	28.0
United States .....	327.0	163.0	267.0	503.0	1,260.0	85.0	1,345.0

- Represents zero.

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>2</sup> Includes data for States not published in this table.



## Market Sheep and Lamb Inventory by Weight Group – States and United States: January 1, 2016

State	Market lambs					Market sheep	Total market sheep and lambs
	Under 65 pounds	65 - 84 pounds	85 - 105 pounds	Over 105 pounds	Total		
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	10.0	7.0	6.0	12.0	35.0	4.0	39.0
California .....	110.0	15.0	45.0	75.0	245.0	10.0	255.0
Colorado .....	3.0	9.0	22.0	179.0	213.0	2.0	215.0
Idaho .....	2.0	10.0	13.0	44.0	69.0	1.0	70.0
Illinois .....	2.0	3.0	2.0	2.0	9.0	1.0	10.0
Indiana .....	3.0	1.0	1.0	1.0	6.0	1.0	7.0
Iowa .....	5.0	7.0	16.0	21.0	49.0	1.0	50.0
Kansas .....	9.0	2.0	2.5	4.5	18.0	3.0	21.0
Kentucky .....	5.7	3.0	1.3	0.5	10.5	0.5	11.0
Michigan .....	3.0	6.0	5.0	7.0	21.0	3.0	24.0
Minnesota .....	7.0	7.0	8.0	14.0	36.0	1.0	37.0
Missouri .....	5.2	2.2	2.3	1.3	11.0	1.0	12.0
Montana .....	1.0	5.0	7.0	5.0	18.0	2.0	20.0
Nebraska .....	2.5	1.8	3.0	4.7	12.0	1.0	13.0
Nevada .....	2.0	2.0	3.0	3.0	10.0	1.0	11.0
New England <sup>1</sup> .....	2.2	1.3	1.2	1.3	6.0	3.0	9.0
New Mexico .....	2.0	5.0	3.0	2.0	12.0	2.0	14.0
New York .....	3.0	4.0	3.0	1.0	11.0	1.0	12.0
North Carolina .....	2.4	0.8	0.6	0.2	4.0	1.0	5.0
North Dakota .....	1.0	5.0	8.0	5.0	19.0	1.0	20.0
Ohio .....	7.0	5.0	5.5	5.5	23.0	1.0	24.0
Oklahoma .....	5.5	1.0	1.0	1.0	8.5	0.5	9.0
Oregon .....	6.0	8.0	16.0	22.0	52.0	3.0	55.0
Pennsylvania .....	7.0	5.0	2.0	1.0	15.0	2.0	17.0
South Dakota .....	3.5	7.0	10.5	32.0	53.0	2.0	55.0
Tennessee .....	5.0	1.4	0.6	0.5	7.5	0.5	8.0
Texas .....	80.0	25.0	15.0	15.0	135.0	10.0	145.0
Utah .....	2.0	3.0	7.0	7.0	19.0	1.0	20.0
Virginia .....	6.5	5.0	2.0	0.5	14.0	1.0	15.0
Washington .....	1.5	2.5	1.5	2.0	7.5	1.5	9.0
West Virginia .....	3.0	1.0	1.5	0.5	6.0	-	6.0
Wisconsin .....	4.0	2.0	2.0	3.0	11.0	2.0	13.0
Wyoming .....	1.0	10.0	43.0	31.0	85.0	5.0	90.0
Other States <sup>2</sup> .....	17.0	6.0	3.5	2.5	29.0	5.0	34.0
United States .....	330.0	179.0	264.0	507.0	1,280.0	75.0	1,355.0

- Represents zero.

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>2</sup> Includes data for States not published in this table.

## Sheep and Lamb Farm Slaughter and Death Loss – States and United States: 2014 and 2015

State	Farm slaughter <sup>1</sup>		Deaths			
			Sheep		Lambs	
	2014	2015	2014	2015	2014	2015
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona .....	12.3	12.4	8.0	7.0	4.0	3.0
California .....	4.3	4.4	12.0	14.0	7.0	9.0
Colorado .....	2.6	2.6	10.0	14.0	19.0	16.0
Idaho .....	2.6	2.6	7.0	9.0	9.0	11.0
Illinois .....	2.0	2.0	3.0	3.0	8.0	6.5
Indiana .....	3.4	3.4	3.0	2.0	6.0	6.0
Iowa .....	1.4	1.4	9.0	8.0	18.0	18.0
Kansas .....	2.5	2.6	2.5	3.0	6.5	6.0
Kentucky .....	0.5	0.5	2.0	3.0	5.5	7.0
Michigan .....	2.0	2.1	3.0	3.0	7.0	8.0
Minnesota .....	4.1	4.1	8.0	7.0	16.0	14.0
Missouri .....	1.0	1.0	3.5	4.0	10.0	10.0
Montana .....	1.5	1.5	12.0	11.0	15.0	16.0
Nebraska .....	0.4	0.3	4.3	4.0	8.5	9.0
Nevada .....	1.0	1.0	5.0	4.0	10.0	10.0
New England <sup>2</sup> .....	2.2	2.3	1.5	1.5	3.0	2.3
New Mexico .....	5.4	5.4	6.0	6.0	7.0	4.5
New York .....	2.6	2.6	3.0	4.0	6.0	6.5
North Carolina .....	0.2	0.1	1.7	1.5	2.5	2.7
North Dakota .....	0.5	0.5	2.5	3.0	7.0	7.0
Ohio .....	3.1	3.1	7.0	6.0	12.0	11.0
Oklahoma .....	1.3	1.3	4.0	3.5	6.0	5.5
Oregon .....	4.1	4.1	8.0	10.0	7.0	7.0
Pennsylvania .....	2.0	2.0	4.0	5.0	9.0	9.0
South Dakota .....	1.5	1.5	10.0	9.0	27.0	24.0
Tennessee .....	1.3	1.3	3.0	3.5	5.0	6.5
Texas .....	2.0	2.1	36.0	37.0	55.0	67.0
Utah .....	6.1	6.2	11.0	10.0	16.0	15.0
Virginia .....	3.1	3.1	4.0	4.0	9.0	9.5
Washington .....	6.1	6.2	3.0	3.5	2.0	2.0
West Virginia .....	0.9	0.9	2.0	2.5	5.0	6.0
Wisconsin .....	1.5	1.5	3.0	3.0	8.0	7.0
Wyoming .....	2.0	2.0	7.0	9.0	9.0	11.0
Other States <sup>3</sup> .....	7.0	7.0	11.0	12.0	20.0	22.0
United States .....	94.5	95.1	220.0	230.0	365.0	375.0

<sup>1</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>2</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>3</sup> Includes data for States not published in this table.

## Wool Production – States and United States: 2014 and 2015

State	Sheep shorn		Weight per fleece		Production	
	2014 (1,000 head)	2015 (1,000 head)	2014 (pounds)	2015 (pounds)	2014 (1,000 pounds)	2015 (1,000 pounds)
Arizona .....	115.0	110.0	5.9	5.6	680	620
California .....	460.0	430.0	6.3	6.6	2,900	2,850
Colorado .....	340.0	320.0	7.1	7.5	2,400	2,410
Idaho .....	200.0	200.0	8.5	8.3	1,700	1,650
Illinois .....	43.0	44.0	7.1	7.0	305	310
Indiana .....	35.0	34.0	6.0	6.2	210	210
Iowa .....	165.0	165.0	5.5	5.5	900	900
Kansas .....	39.0	42.0	6.2	6.5	240	275
Kentucky .....	11.0	12.0	6.5	6.7	71	80
Michigan .....	63.0	66.0	6.0	6.0	380	395
Minnesota .....	125.0	120.0	6.4	6.4	800	770
Missouri .....	44.0	44.0	6.0	6.0	265	265
Montana .....	185.0	205.0	9.0	9.0	1,660	1,840
Nebraska .....	62.0	63.0	7.2	7.3	445	460
Nevada .....	54.0	47.0	9.8	9.4	530	440
New England <sup>1</sup> .....	30.0	31.0	6.8	6.5	205	200
New Mexico .....	81.0	82.0	7.8	7.9	630	645
New York .....	40.0	53.0	6.5	6.1	260	325
North Carolina .....	7.0	8.0	5.0	5.0	35	40
North Dakota .....	58.0	64.0	7.9	7.6	460	485
Ohio .....	83.0	81.0	5.9	6.0	490	490
Oklahoma .....	21.0	17.0	5.5	5.6	115	95
Oregon .....	158.0	165.0	6.3	6.7	1,000	1,100
Pennsylvania .....	48.0	48.0	6.7	6.6	320	315
South Dakota .....	230.0	230.0	7.6	7.6	1,750	1,750
Tennessee .....	18.0	19.0	5.6	5.5	100	105
Texas .....	290.0	270.0	7.2	7.2	2,100	1,950
Utah .....	245.0	255.0	9.2	9.4	2,260	2,390
Virginia .....	27.0	27.0	5.6	5.4	150	145
Washington .....	36.0	33.0	7.5	7.9	270	260
West Virginia .....	20.0	22.0	5.7	5.5	114	120
Wisconsin .....	50.0	51.0	7.0	7.2	350	365
Wyoming .....	250.0	270.0	9.2	9.2	2,300	2,480
Other States <sup>2</sup> .....	47.0	52.0	6.1	6.1	285	315
United States .....	3,680.0	3,680.0	7.3	7.4	26,680	27,050

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>2</sup> Includes data for States not published in this table.

## Wool Price and Value – States and United States: 2014 and 2015

[United States value may not add due to rounding]

State	Price per pound		Value <sup>1</sup>	
	2014 (dollars)	2015 (dollars)	2014 (1,000 dollars)	2015 (1,000 dollars)
Arizona .....	1.10	1.15	748	713
California .....	1.35	1.55	3,915	4,418
Colorado .....	1.85	1.80	4,440	4,338
Idaho .....	1.54	1.53	2,618	2,525
Illinois .....	0.57	0.75	174	233
Indiana .....	0.46	0.75	97	158
Iowa .....	0.58	0.79	522	711
Kansas .....	0.95	0.87	228	239
Kentucky .....	0.75	0.80	53	64
Michigan .....	0.86	0.72	327	284
Minnesota .....	0.82	0.79	656	608
Missouri .....	0.56	0.73	148	193
Montana .....	2.05	1.90	3,403	3,496
Nebraska .....	1.06	0.90	472	414
Nevada .....	1.95	2.10	1,034	924
New England <sup>2</sup> .....	0.85	0.80	174	160
New Mexico .....	1.65	1.40	1,040	903
New York .....	0.70	0.60	182	195
North Carolina .....	1.30	1.20	46	48
North Dakota .....	1.45	1.28	667	621
Ohio .....	0.59	0.74	289	363
Oklahoma .....	0.70	0.70	81	67
Oregon .....	1.36	1.73	1,360	1,903
Pennsylvania .....	0.50	0.60	160	189
South Dakota .....	1.52	1.26	2,660	2,205
Tennessee .....	0.96	0.84	96	88
Texas .....	1.57	1.64	3,297	3,198
Utah .....	1.80	1.70	4,068	4,063
Virginia .....	0.80	1.05	120	152
Washington .....	1.80	1.90	486	494
West Virginia .....	0.86	1.00	98	120
Wisconsin .....	0.75	0.75	263	274
Wyoming .....	1.97	1.80	4,531	4,464
Other States <sup>3</sup> .....	1.60	1.50	456	473
United States .....	1.46	1.45	38,909	39,298

<sup>1</sup> Production multiplied by marketing year average price. United States value is the summation of State values.

<sup>2</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>3</sup> Includes data for States not published in this table.

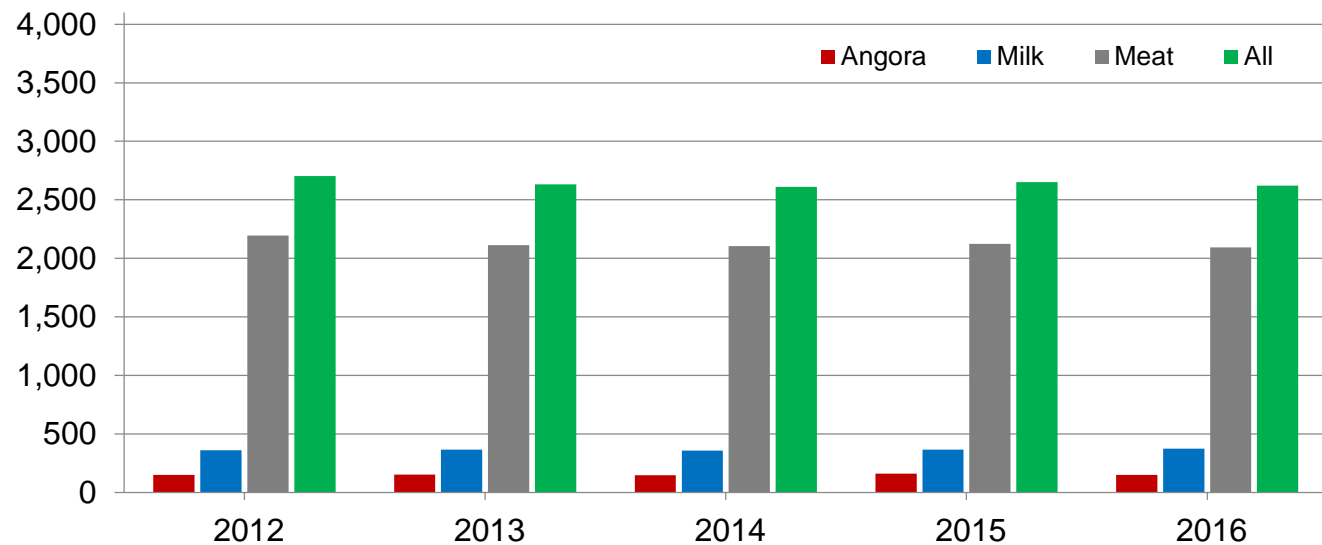
## Goat Inventory by Class – United States: January 1, 2015 and 2016

Class	2015	2016	2016 as percent of 2015
	(head)	(head)	(percent)
All goats and kids .....	2,650,000	2,620,000	99
All, breeding goats .....	2,188,000	2,161,000	99
Replacement kids - under one year .....	389,500	390,500	100
Does - one year old and older .....	1,634,500	1,607,500	98
Bucks - one year old and older .....	164,000	163,000	99
All, market goats and kids .....	462,000	459,000	99
Kid crop <sup>1</sup> .....	1,714,000	1,677,000	98

<sup>1</sup> Kid crop refers to kids born the previous year.

## Goat Inventory – United States: January 1

Thousand head



### Angora Goat Inventory by Class – United States: January 1, 2015 and 2016

Class	2015	2016	2016 as percent of 2015
	(head)	(head)	(percent)
Angora goats and kids .....	160,000	150,000	94
Angora, breeding goats .....	140,000	130,000	93
Replacement kids - under one year .....	22,000	19,500	89
Does - one year old and older .....	110,000	103,500	94
Bucks - one year old and older .....	8,000	7,000	88
Angora, market goats and kids .....	20,000	20,000	100
Kid crop <sup>1</sup> .....	84,000	79,000	94

<sup>1</sup> Kid crop refers to kids born the previous year.

### Milk Goat Inventory by Class – United States: January 1, 2015 and 2016

Class	2015	2016	2016 as percent of 2015
	(head)	(head)	(percent)
Milk goats and kids .....	365,000	375,000	103
Milk, breeding goats .....	329,000	336,000	102
Replacement kids - under one year .....	69,000	71,000	103
Does - one year old and older .....	236,000	241,000	102
Bucks - one year old and older .....	24,000	24,000	100
Milk, market goats and kids .....	36,000	39,000	108
Kid crop <sup>1</sup> .....	275,000	278,000	101

<sup>1</sup> Kid crop refers to kids born the previous year.

### Meat and Other Goat Inventory by Class – United States: January 1, 2015 and 2016

Class	2015	2016	2016 as percent of 2015
	(head)	(head)	(percent)
Meat and other goats and kids .....	2,125,000	2,095,000	99
Meat and other, breeding goats .....	1,719,000	1,695,000	99
Replacement kids - under one year .....	298,500	300,000	101
Does - one year old and older .....	1,288,500	1,263,000	98
Bucks - one year old and older .....	132,000	132,000	100
Meat and other, market goats and kids .....	406,000	400,000	99
Kid crop <sup>1</sup> .....	1,355,000	1,320,000	97

<sup>1</sup> Kid crop refers to kids born the previous year.

## Angora Goat Inventory – States and United States: January 1, 2015 and 2016

State	2015	2016	2016 as percent of 2015
	(head)	(head)	(percent)
Arizona .....	36,000	35,000	97
California .....	3,400	3,600	106
New Mexico .....	11,000	10,000	91
Texas .....	85,000	78,000	92
Other States <sup>1</sup> .....	24,600	23,400	95
United States .....	160,000	150,000	94

<sup>1</sup> Includes data for States not published in this table.

## Mohair Production, Price, and Value – States and United States: 2014 and 2015

[United States value may not add due to rounding]

State	Goats clipped		Average clip per goat		Production		Price per pound		Value <sup>1</sup>	
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
	(head)	(head)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Arizona .....	33,000	29,000	3.6	4.0	120	115	1.15	1.60	138	184
California .....	2,000	2,000	5.0	5.0	10	10	6.00	6.00	60	60
New Mexico .....	9,000	8,000	3.9	3.8	35	30	1.20	1.40	42	42
Texas .....	92,000	78,000	6.3	6.2	580	480	6.30	7.10	3,654	3,408
Other States <sup>2</sup> ..	23,000	22,000	5.9	5.9	135	130	2.80	2.75	378	358
United States ...	159,000	139,000	5.5	5.5	880	765	4.85	5.30	4,272	4,052

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

<sup>2</sup> Includes data for States not published in this table.

## Milk Goat Inventory – States and United States: January 1, 2015 and 2016

State	2015	2016	2016 as percent of 2015
	(head)	(head)	(percent)
Alabama .....	3,800	3,800	100
Arkansas .....	4,400	4,600	105
California .....	40,000	39,000	98
Colorado .....	10,000	11,000	110
Florida .....	6,400	9,500	148
Georgia .....	4,000	3,100	78
Idaho .....	3,900	3,800	97
Illinois .....	5,700	5,600	98
Indiana .....	11,500	11,500	100
Iowa .....	31,000	33,000	106
Kansas .....	4,200	4,200	100
Kentucky .....	5,700	5,000	88
Michigan .....	11,300	11,800	104
Minnesota .....	13,500	13,500	100
Missouri .....	9,900	11,300	114
Nebraska .....	3,700	3,200	86
New England <sup>1</sup> .....	14,500	14,500	100
New York .....	13,400	12,300	92
North Carolina .....	8,000	8,100	101
Ohio .....	10,000	9,500	95
Oklahoma .....	6,900	6,600	96
Oregon .....	9,500	12,200	128
Pennsylvania .....	13,000	14,000	108
South Carolina .....	3,400	3,400	100
Tennessee .....	6,300	7,200	114
Texas .....	23,000	22,000	96
Virginia .....	4,500	5,700	127
Washington .....	7,200	8,000	111
Wisconsin .....	44,000	44,000	100
Other States <sup>2</sup> .....	32,300	33,600	104
United States .....	365,000	375,000	103

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>2</sup> Includes data for States not published in this table.



## Meat and Other Goat Inventory – States and United States: January 1, 2015 and 2016

State	2015	2016	2016 as percent of 2015
	(head)	(head)	(percent)
Alabama .....	47,000	47,000	100
Arizona .....	28,000	27,000	96
Arkansas .....	38,000	36,000	95
California .....	85,000	90,000	106
Colorado .....	25,000	23,000	92
Florida .....	41,000	45,000	110
Georgia .....	67,000	72,000	107
Illinois .....	16,700	19,000	114
Indiana .....	31,000	32,000	103
Iowa .....	25,500	25,000	98
Kansas .....	40,000	43,000	108
Kentucky .....	60,000	59,000	98
Louisiana .....	20,000	19,000	95
Minnesota .....	20,500	21,000	102
Mississippi .....	19,000	20,000	105
Missouri .....	78,600	70,000	89
New York .....	18,700	17,000	91
North Carolina .....	43,000	45,000	105
Ohio .....	46,000	44,000	96
Oklahoma .....	95,000	91,000	96
Oregon .....	24,000	27,000	113
Pennsylvania .....	37,000	37,000	100
South Carolina .....	34,000	34,000	100
Tennessee .....	118,000	117,000	99
Texas .....	800,000	765,000	96
Virginia .....	46,000	47,000	102
Washington .....	21,000	22,000	105
West Virginia .....	21,000	21,000	100
Other States <sup>1</sup> .....	179,000	180,000	101
United States .....	2,125,000	2,095,000	99

<sup>1</sup> Includes data for States not published in this table.

## Statistical Methodology

**Survey Procedures:** A random sample of United States 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 26,500 operators were contacted during the first half of January by mail, telephone and face-to-face personal interview and 63 percent of the reports were usable. Regardless of when operators responded, they were asked to report inventories as of January 1.

**Estimating 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 2015 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 0.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 5.32 million head by more than 0.9 percent. Chances are 9 out of 10 that the difference will not exceed 1.7 percent.

The "Root Mean Square Error" for sheep shorn over the past 10 years is 1.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 3.68 million head by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.5 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 42,000 head, ranging from 0 to 105,000 head. The initial inventory estimate of All Sheep and Lambs has been below the latest estimate 3 times and above the latest estimate 5 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 33,000 head, ranging from 0 to 110,000 head. The initial inventory estimate of Sheep and Lambs Shorn has been below the latest estimate 2 times and above 6 times in the last 10 years.

## Reliability of January 1 Sheep and Lamb Estimates

[Based on data for the past ten years]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Years	
						Below latest	Above latest
	(percent)	(percent)	(1,000 head)	(1,000 head)	(1,000 head)	(number)	(number)
All sheep and lambs .....	0.9	1.7	42	0	105	3	5
Breeding sheep .....	1.0	1.8	35	0	74	3	6
Lamb crop .....	1.9	3.6	52	0	155	2	6
Sheep shorn .....	1.4	2.5	33	0	110	2	6
	(percent)	(percent)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(number)
Wool production .....	1.5	2.8	251	0	930	3	6

## Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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Sherry Bertramsen – Livestock Slaughter .....	(202) 720-3240
Doug Bounds – Hogs and Pigs .....	(202) 720-3106
David Colwell – Sheep and Goats .....	(202) 720-8784
Donnie Fike – Dairy Products .....	(202) 690-3236
Michael Klamm – Cattle, Cattle on Feed .....	(202) 720-3040
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278

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