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All Sheep and Lamb Inventory Down 2 Percent

All sheep and lamb inventory in the United States on July 1, 2010 totaled 6.90 million head, down 2 percent from July 1, 2009. Breeding sheep inventory at 4.16 million head on July 1, 2010 was down 3 percent from July 1, 2009. Market sheep and lambs (including newborn lambs), at 2.74 million head, were down 1 percent from last July.

The breeding herd consists of 3.37 million ewes one year old and older, 175,000 rams one year old and older, and 620,000 replacement lambs (including newborn lambs). Market lamb inventory at 2.65 million head was comprised of 1.58 million lambs under 65 pounds, 550,000 lambs 65-84 pounds, 285,000 lambs 85-105 pounds, and 235,000 lambs over 105 pounds. Market sheep inventory was 90,000 head.

Lamb Crop Down 2 Percent

The 2010 lamb crop in the United States is expected to total 3.60 million head, down 2 percent from the 2009 lamb crop of 3.69 million head. Lambs born during January through June 2010 totaled 3.15 million head or 88 percent of the yearly total. An additional 450,000 head are expected to be born during the period July through December 2010. The 2010 expected lambing rate of 108 lambs per 100 ewes is unchanged from last year.

Total Goat and Kid Inventory Down 1 Percent

All goat and kid inventory on July 1, 2010 totaled 3.67 million head, down 1 percent from the previous July number. **Breeding goat inventory** totaled 2.74 million head, down 2 percent from July 2009. **All market goats and kids** totaled 925,000 head, unchanged from the previous July. On July 1, 2010, meat and all other goats totaled 3.11 million head, down 2 percent from July 2009. Milk goat inventory was up 1 percent increasing to 390,000 head while angora goat inventory, at 165,000 head, was unchanged from a year ago.

Kid Crop Virtually Unchanged

The 2010 kid crop in the United States is expected to total 1.95 million head, virtually unchanged from the 2009 kid crop. The 2010 expected kidding rate of 104 kids per 100 does is up 1 percent from the 2009 kid rate of 103.

Special Note

This will be the final issue of the July Sheep and Goats Report. Questions concerning the discontinuation of the July report should be directed to Joseph Prusacki, Director, Statistics Division at 202-720-3896. NASS will continue to publish the more detailed January Sheep and Goats Report.

**Sheep and Lambs: Number by Class,
United States, July 1, 2009-2010**

| Class | 2009 | 2010 | 2010 as % of 2009 |
|----------------------------------|-------------------|-------------------|----------------------|
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Percent</i> |
| All Sheep and Lambs | 7,050 | 6,900 | 98 |
| Breeding Sheep and Lambs | 4,280 | 4,160 | 97 |
| Replacement Lambs | 630 | 620 | 98 |
| Under One Year Old | | | |
| Ewes - One Year Old and Older | 3,470 | 3,365 | 97 |
| Rams - One Year Old and Older | 180 | 175 | 97 |
| Market | 2,770 | 2,740 | 99 |

**Market Sheep and Lambs Inventory: By Weight Class,
United States, July 1, 2009-2010**

| Period | Market Lambs | | | | | Market Sheep | Market Sheep and Lambs |
|--------|-----------------------|--------------------|---------------------|-----------------------|-------------------|-------------------|------------------------------|
| | Under 65 Pounds | 65 to 84 lbs | 85 to 105 lbs | Over 105 Pounds | Total | | |
| | <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> |
| 2009 | 1,600 | 560 | 290 | 240 | 2,690 | 80 | 2,770 |
| 2010 | 1,580 | 550 | 285 | 235 | 2,650 | 90 | 2,740 |

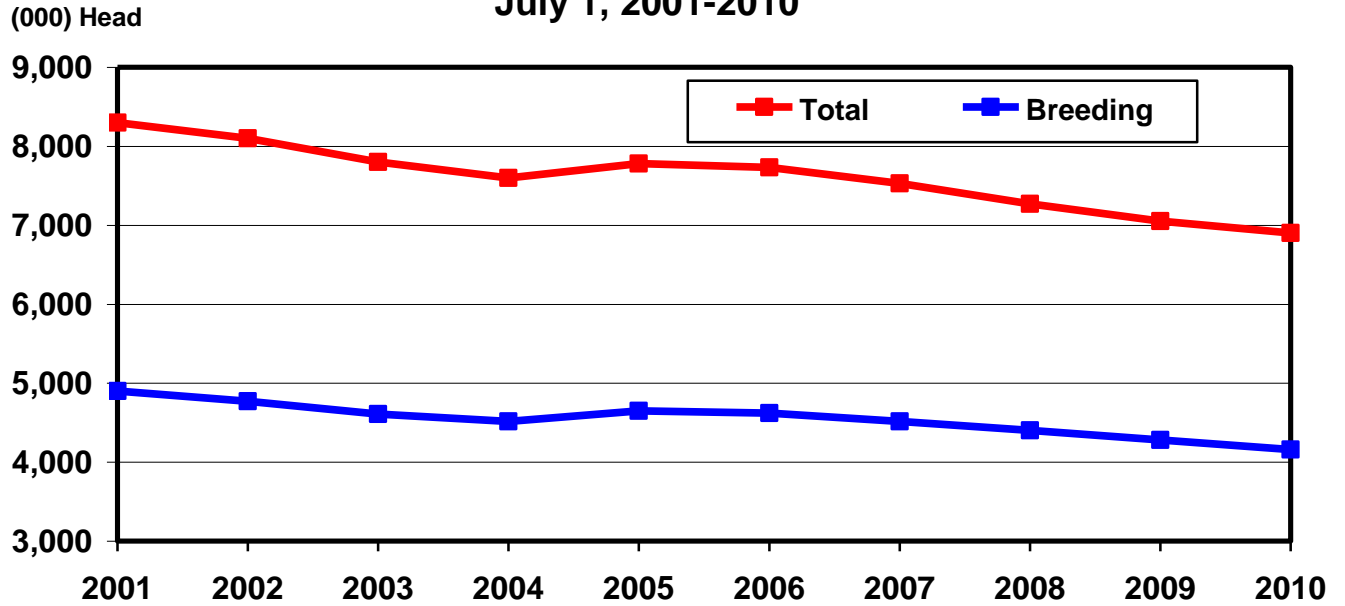
**Lamb Crop: Number and Percent of Total by Six Month Period,
United States, 2009 and Preliminary Lamb Crop 2010**

| Period | 2009 | | 2010 | |
|----------------|-------------------|----------------|-------------------|----------------|
| | Number | % of Total | Number | % of Total |
| | <i>1,000 Head</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>Percent</i> |
| Jan 1 - Jun 30 | 3,240.0 | 87.8 | 3,150.0 | 87.5 |
| Jul 1 - Dec 31 | 450.0 | 12.2 | 450.0 | 12.5 |
| Total | 3,690.0 | 100.0 | 3,600.0 | 100.0 |

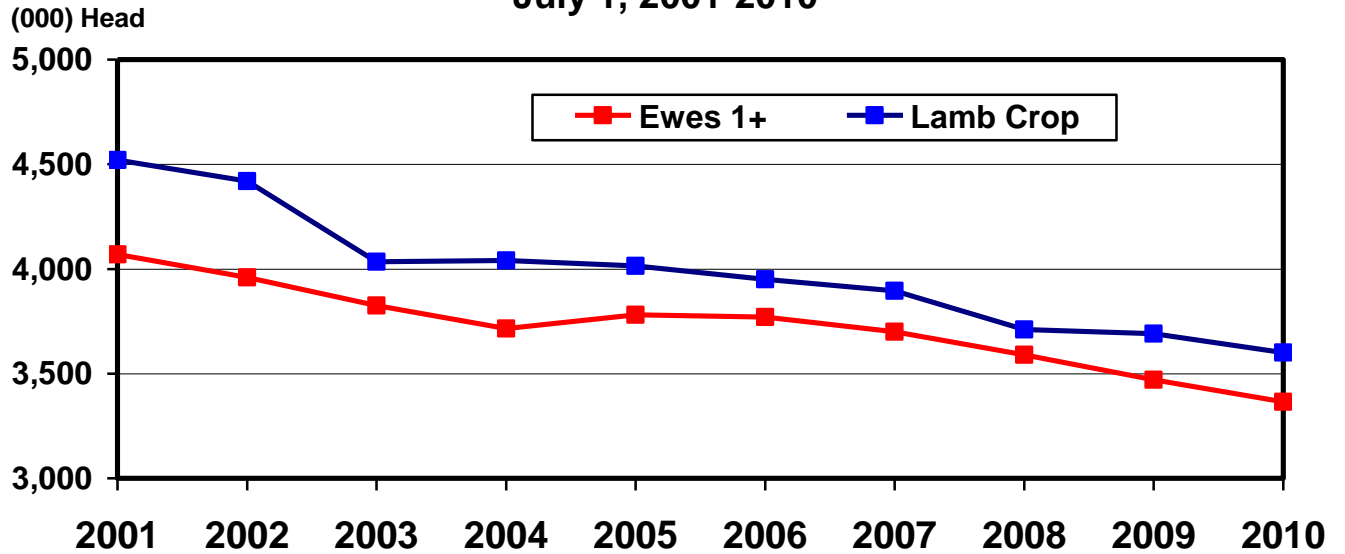
Lamb Crop: Per 100 Ewes 1+, United States, 2009-2010

| Period | Lamb Crop | Breeding Ewes 1+ Jan 1 | Lambs per 100 Ewes 1+ Jan 1 |
|--------|-------------------|---------------------------|--------------------------------|
| | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Number</i> |
| 2009 | 3,690 | 3,405 | 108 |
| 2010 | 3,600 | 3,340 | 108 |

U.S. Sheep and Lambs July 1, 2001-2010



U.S. Total Breeding Ewes 1+ and Lamb Crop July 1, 2001-2010



Goats: Number by Class, United States, July 1, 2009-2010

| Item | Total | Breeding | Market | Kid Crop ¹ |
|--------|-------------|-------------|-------------|-----------------------|
| | <i>Head</i> | <i>Head</i> | <i>Head</i> | <i>Head</i> |
| 2009 | | | | |
| Angora | 165,000 | 130,000 | 35,000 | 80,000 |
| Milk | 385,000 | 325,000 | 60,000 | 252,000 |
| Meat | 3,160,000 | 2,330,000 | 830,000 | 1,612,000 |
| All | 3,710,000 | 2,785,000 | 925,000 | 1,944,000 |
| 2010 | | | | |
| Angora | 165,000 | 130,000 | 35,000 | 70,000 |
| Milk | 390,000 | 330,000 | 60,000 | 265,000 |
| Meat | 3,110,000 | 2,280,000 | 830,000 | 1,610,000 |
| All | 3,665,000 | 2,740,000 | 925,000 | 1,945,000 |

¹ Kid Crop for 2009 refers to the actual kids born during 2009. Kid Crop for 2010 is the kids born alive between January 1 and June 30, 2010 plus the kids expected to be born July through December 2010.

Kid Crop: Per 100 Does 1+, United States, 2009-2010

| Period | Kid Crop | Breeding Does 1+ Jan 1 | Kids per 100 Does 1+ Jan 1 |
|--------|-------------|---------------------------|-------------------------------|
| | <i>Head</i> | <i>Head</i> | <i>Number</i> |
| 2009 | 1,944,000 | 1,895,000 | 103 |
| 2010 | 1,945,000 | 1,873,000 | 104 |

Reliability of July 1 Sheep and Goats 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. Data were collected during the first half of June from about 40,000 operations. These operators were contacted by face-to-face personal interviews. About 4,400 producers and feedlots were contacted during the first half of July by mail, telephone, and face-to-face personal interviews. Operators were asked to report inventories as of the first of the month and lamb crop for the entire year of 2010.

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 2010 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 lamb crop 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 lamb crop estimates over the past 10 years is 3.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 3.60 million head by more than 3.6 percent. Chances are 9 out of 10 that the difference will not exceed 6.6 percent.

Also shown in the table is a 10-year record showing the range between the first inventory estimate and the latest estimate. Estimate changes for lamb crop between the first inventory estimate and the latest estimate during the past 10 years have averaged 121,000 head, ranging from 10,000 to 260,000 head. The initial inventory estimate of lamb crop has been below the latest estimate 3 times and above the latest estimate 7 times in the last 10 years.

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

| Item | Root Mean Square Error | 90% Confidence Level | | Difference Between First and Latest Estimates | | | Number of Years | |
|-----------|------------------------|----------------------|-------------------|---|-------------------|-------------------|--------------------|--------------------|
| | | Percent | Head | Average | Smallest | Largest | First Above Latest | First Below Latest |
| | <i>Percent</i> | <i>Percent</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>1,000 Head</i> | <i>Number</i> | <i>Number</i> |
| Lamb Crop | 3.6 | 6.6 | 238 | 121 | 10 | 260 | 7 | 3 |

¹ Based on data for the past 10 years.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information.

- Dan Kerestes, Chief, Livestock Branch (202) 720-3570
- Scott Hollis, Head, Livestock Section (202) 690-2424
- Jim Collom – Dairy Products (202) 690-3236
- Joe Gaynor – Dairy Products Prices (202) 690-2168
- Jason Hardegree – Cattle, Cattle on Feed (202) 720-3040
- Sherry Bertramsen – Livestock Slaughter (515) 284-4340
- Everett Olbert – Sheep and Goats (202) 720-4751
- Mike Miller – Milk Production and Milk Cows (202) 720-3278
- Nick Streff – Hogs and Pigs (202) 720-3106

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