



ARIZONA ANNUAL LIVESTOCK

Released May 25, 2004, by the Arizona Agricultural Statistics Service and University of Arizona, College of Agriculture, 3003 N Central Avenue, Suite 950, Phoenix, Arizona 85012-2994, (602) 280-8850, Fax: (602) 280-8897, www.nass.usda.gov/az/

January 1 U.S. Cattle Inventory Down 1 Percent

All cattle and calves in the United States as of January 1, 2004, totaled 94.9 million head, 1 percent below the 96.1 million on January 1, 2003. All cows and heifers that have calved, at 41.9 million, were down 1 percent from the 42.1 million on January 1, 2003. Beef cows, at 32.86 million, were down slightly from January 1, 2003. Milk cows, at 8.99 million, were down 2 percent from January 1, 2003. Other class estimates on January 1, 2004 and the change from January 1, 2003, are as follows: All heifers 500 pounds and over, 19.3 million, down 1 percent. Beef replacement heifers, 5.52 million, down 2 percent. Milk replacement heifers, 4.02 million, down 2 percent. Other heifers, 9.80 million, down 1 percent. Steers weighing 500 pounds and over, 16.3 million, down 2 percent. Bulls weighing 500 pounds and over, 2.21 million, down 2 percent. Calves under 500 pounds, 15.2 million, down 2 percent. Cattle and calves on feed for slaughter in all feedlots, 13.8 million, up 4 percent. The combined total of calves under 500 pounds, and other heifers and steers over 500 pounds outside of feedlots, 27.5 million, down 4 percent.

Calf Crop Down 1 Percent

The 2003 calf crop was estimated at 37.9 million head, down 1 percent from 2002. Calves born during the first half of the year are estimated at 27.7 million, down 1 percent from 2002.

U.S. Cattle Operations Down 2 Percent

The number of operations with cattle totaled 1.01 million during 2003, down 2 percent from 2002 and 3 percent below 2001. Beef cow operations in 2003 were down 2 percent from 2002 and 3 percent below 2001. Milk cow operations were 5 percent below last year and 11 percent below two years ago. The three operation classes: cattle, beef cows, and milk cows, are classified into size groups independently. Therefore, it is possible to have more beef cow operations in a particular size group than cattle operations. As an example, an operator with 75 cattle and 40 beef cows would be classified in the 50-99 size group for cattle and 1-49 size group for beef cows.

REVISIONS

All inventory and calf crop estimates for July 1, 2002, January 1, 2003, and July 1, 2003 were reviewed using calf crop, official slaughter, import and export data, and the relationship of new survey information to the prior surveys. Based on the findings of this review, small adjustments of less than one-half percent were made to previously released inventory estimates by class and calf crop. State level estimates were reviewed and changes were made to reallocate inventory and calf crop estimates to the U.S. total. Cattle on Feed estimates for January 1, 2003 were revised upward by 2% based on feedlots which were added to the survey program due to the 2002 Census of Agriculture.

Cattle and Calves Inventory: January 1, 2003 and 2004

Item	ARIZONA		UNITED STATES	
	2003	2004	2003	2004
	1,000 Head			
All Cattle and Calves	840.0	850.0	96,100.0	94,882.0
Cows that have calved	325.0	330.0	42,125.0	41,850.8
Beef Cows that have calved	170.0	175.0	32,983.3	32,860.3
Milk Cows that have calved	155.0	155.0	9,141.7	8,990.5
Heifers 500 pounds and over	89.0	90.0	19,627.9	19,341.3
Beef Cow replacement	34.0	33.0	5,623.5	5,517.2
Milk Cow replacement	35.0	37.0	4,113.9	4,020.0
Other	20.0	20.0	9,890.5	9,804.1
Steers 500 pounds and over	255.0	255.0	16,554.1	16,280.1
Bulls 500 pounds and over	21.0	22.0	2,247.9	2,205.6
Calves under 500 pounds	150.0	153.0	15,545.1	15,204.2
Cattle and Calves on feed 1/	289.0	293.0	13,219.8	13,810.9

	Dollars			
Value per Head 2/	760	820	728	819

	1,000 Dollars			
Total Value	638,400	697,000	69,948,620	77,733,180

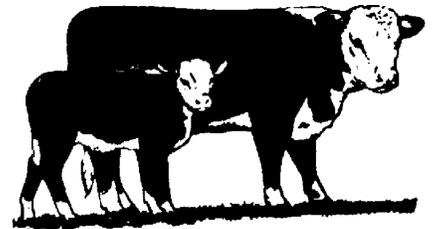
	2002	2003	2002	2003
	Number			
Operations				
Cattle	2,900	2,800	1,036,430	1,013,570
Beef Cows	2,100	2,000	808,110	792,050
Milk Cows	250	240	91,240	86,310
	1,000 Head			
Calf Crop	270	270	38,224	37,903

1/ Total cattle on feed included in other classes.

2/ 2003 revised.

PUBLISHED MONTHLY

Subscription to "Arizona Livestock" is free to reporters upon request and available for \$10 per year to non-reporters. Send request for order forms or address changes to Arizona Agricultural Statistics Service, 3003 N Central Ave., Suite 950, Phoenix, Arizona 85012-2994. Releases are also available through our web site @ www.nass.usda.gov/az/



Steven Manheimer, Director
 Dave DeWalt, Deputy Director
 Maria Bautista, Agricultural Statistician
 Clare Jervis, Agricultural Statistician
 Dennis Koong, Agricultural Statistician
 Tenopra Sheppard, Agricultural Statistician
 Dianne Matta, Agricultural Statistician

PORK PRODUCTION SETS RECORD HIGH IN 2003

Red meat production for the United States totaled 46.7 billion pounds in 2003, 1.3 percent below last year's record high. Red meat includes beef, veal, pork, and lamb and mutton. Red meat production in commercial plants totaled 46.6 billion pounds. On farm production totaled 136 million pounds. Beef production, at 26.3 billion pounds, was 3 percent below the previous record high set last year in 2002. Veal production totaled 201.3 million pounds, down 2 percent from last year, and set a new record low. Pork production, at 20.0 billion pounds, was 1 percent above last year, setting a new record high. Lamb and mutton production totaled 203.7 million pounds, falling 8 percent below the previous record low set a year ago.

There were slightly over 850 slaughtering plants under federal inspection on January 1, 2004 compared with 879 last year. Of these, 689 slaughtered at least one head of cattle during 2003 with 15 slaughtering over 56 percent of the total cattle killed. Hogs were slaughtered at 662 plants, with 13 accounting for 58 percent of the total. Likewise, 8 of the 290 plants that slaughtered calves accounted for 57 percent of the total and 4 of the 505 plants that slaughtered sheep or lambs in 2003 comprised 69 percent of the total head.

COMMERCIAL RED MEAT PRODUCTION: 2002 AND 2003 1/				
Class	December 2002	December 2003	January-December 2/	
			2002	2003
1,000 Pounds				
ARIZONA				
Total Red Meat	36,300	31,300	449,000	424,900
Million Pounds				
UNITED STATES				
Beef	2,107	1,973	27,091	26,248
Veal	18	19	196	192
Pork	1,715	1,866	19,664	19,983
Lamb and Mutton	19	18	218	199
Total Red Meat	3,858	3,876	47,169	46,622

1/ Excludes slaughter on farms.
2/ Based on packers' dressed weights.

U.S. HOG INVENTORY UP 1 PERCENT

U.S. inventory of all hogs and pigs on December 1, 2003, was 60.0 million head. This was 1 percent above December 1, 2002, but slightly below September 1, 2003. Breeding inventory, at 5.97 million head, was down 1 percent from December 1, 2002, but 1 percent above last quarter. Market hog inventory, at 54.1 million head, was 1 percent above last year, but slightly below last quarter. The September - November 2003 U.S. pig crop, at 25.3 million head, was 2 percent more than 2002, but 1 percent below 2001. Sows farrowing during this period totaled 2.84 million head, 1 percent above last year. The sows farrowed during this quarter represented 48 percent of the breeding herd. The average pigs saved per litter was 8.93 for the September - November period, compared to 8.83 last year. Pigs saved per litter by size of operation ranged from 7.40 for operations with 1-99 hogs to 9.10 for operations with more than 5,000 hogs and pigs.

U.S. hog producers intend to have 2.81 million sows farrow during the December 2003 - February 2004 quarter, 1 percent above the actual farrowings during the same period in 2003, but 1 percent below 2002. Intended farrowings for March - May 2004, at 2.85 million sows, are 1 percent below the same period in 2003 and 3 percent below 2002. Revisions All inventory and pig crop estimates for March 2002 through September 2003 were reviewed using final pig crop official slaughter, death loss, and updated import and export data. Based on the findings of this review, adjustments of less than one-half percent were made to the March 2003 total inventory, and one percent to the June 2003 and September 2003 total inventories. An adjustment of less than one-half percent was made to the December 2002 - February 2003 pig crop and a two percent adjustment was made to the March - May 2003 pig crop.

**** REVISIONS ****

All inventory and pig crop estimates for March 2002 through September 2003 were reviewed using final pig crop official slaughter, death loss, and updated import and export data. Based on the findings of this review, adjustments of less than one-half percent were made to the March 2003 total inventory, and one percent to the June 2003 and September 2003 total inventories. An adjustment of less than one-half percent was made to the December 2002 - February 2003 pig crop and a two percent adjustment was made to the March - May 2003 pig crop.

HOGS AND PIGS INVENTORY: DECEMBER 1, 2002 AND 2003

Item	ARIZONA		UNITED STATES	
	2002	2003	2002	2003
1,000 Head				
All Hogs and Pigs	143	127	59,513	60,040
Breeding	14	16	6,012	5,966
Market	129	111	53,501	54,074
Market Hogs and Pigs by Weight Groups				
Under 60 Lbs	44	32	19,461	19,821
60-119 Lbs	29	27	13,054	13,250
120-179 Lbs	28	26	10,881	10,839
180 Lbs and over	28	26	10,105	10,164
Farrowing Dec 1/ 2/				
Sows farrowing	33	30	2,836	2,765
Pigs per litter	7.91	8.33	8.74	8.81
Pig Crop	261	250	24,794	24,359
Farrowings March - May				
Sows farrowing			2,943	2,881
Pigs per litter			8.82	8.88
Pig Crop			25,959	25,583
Farrowings June - August				
Sows farrowing			2,887	2,825
Pigs per litter			8.90	8.90
Pig Crop			25,700	25,150
Farrowings Sept - Nov				
Sows farrowing			2,817	2,836
Pigs per litter			8.83	8.93
Pig crop			24,892	25,314
Number				
Operations with Hogs and Pigs	180	160	76,250	73,600
Dollars				
Value per Head 3/	76	71	71	66
1,000 Dollars				
Total Value	10,868	9,017	4,209,683	3,986,301

1/ December 1, preceding year. 2/ Annual farrowings for Arizona (December-November). 3/ 2002 revised.

UNITED STATES HONEY PRODUCTION UP 5 PERCENT

Honey production in 2003 from producers with five or more colonies totaled 181 million pounds, up 5 percent from 2002. There were 2.59 million colonies producing honey in 2003, up 1 percent from 2002. Yield per colony averaged 69.9 pounds, up 5 percent from the 66.7 pounds in 2002. Colonies which produced honey in more than one State were counted in each State and yields per colony may therefore be understated. Colonies were not included if honey was not harvested. Producer honey stocks were 40.7 million pounds on December 15, 2003, up 3 percent from a year earlier. Stocks held by producers exclude stocks held under the commodity loan program.

HONEY PRICES RECORD HIGH

Honey prices increased to a record high during 2003 to 140.4 cents, up 6 percent from 132.7 cents in 2002. Prices are based on retail sales by producers and sales to private processors and cooperatives. State level honey prices reflect the portions of honey sold through retail, co-op and private channels. U.S. honey prices for each color class are derived by weighing quantities sold for each marketing channel at the U.S. level. Honey prices for 2003 were higher than the previous year for all color classes. Some 2002 crop honey was sold at the higher prices in 2003, which caused some revisions to the 2002 crop prices.

HONEY PRODUCTION: 2002 AND 2003

Item	ARIZONA		UNITED STATES	
	2002	2003	2002	2003
Number of Honey Producing Colonies				
(000 Colonies)	38	40	2,574	2,590
Yield per Colony				
(Pounds)	63	72	66.7	69.9
Production				
(000 Pounds)	2,394	2,880	171,71	181,096
Stocks Dec 15				
(000 Pounds)	1,197	1,123	39,393	40,735
Average price per pound				
(Cents)	108	138	132.7	140.4
Value of Production				
(000 Dollars)	2,586	3,974	228,33	255,791

U.S. Sheep and Lamb Inventory Down 3 Percent

All sheep and lamb inventory in the United States on January 1, 2004, totaled 6.09 million head, down 3 percent from 2003 and 9 percent below two years ago. The inventory has trended downward since peaking at 56.2 million head in 1942.

Breeding sheep inventory declined to 4.48 million head on January 1, 2004, down 4 percent from 4.66 million head on January 1, 2003. Ewes one year old and older, at 3.60 million head, were 4 percent below last year. Market sheep and lambs on January 1, 2004, totaled 1.61 million head, down 2 percent from January 1, 2003. Market lambs comprised 96 percent of the total. Twenty-seven percent were lambs under 65 pounds, 16 percent were 65 - 84 pounds, 23 percent 85 - 105 pounds, 30 percent were over 105 pounds, and 4 percent were market sheep.

The 2003 lamb crop of 4.12 million head was down 5 percent from 2002 and established a new record low. The 2003 lambing rate was 109 lambs per 100 ewes one year old and older on January 1, 2003, unchanged from 2002.

The number of operations with sheep totaled 67,620 during 2003, down 1 percent from 2002 and 2001.

All Sheep and Lambs Inventory: January 1, 2003 and 2004

Class	ARIZONA		UNITED STATES	
	2003	2004	2003	2004
	1,000 Head			
All Sheep and Lambs	115.0	114.0	6,300.0	6,090.0
Breeding Sheep and Lambs	57.0	57.0	4,658.0	4,480.0
Ewes	49.0	48.0	3,770.0	3,601.0
Rams	3.0	3.0	193.0	188.5
Replacement Lambs	5.0	6.0	695.0	690.5
Market Sheep and Lambs	58.0	57.0	1,642.0	1,610.0
Sheep	2.0	2.0	66.8	67.3
Lambs	56.0	55.0	1,575.2	1,542.7
under 65 Pounds	11.0	11.0	441.0	433.0
65 to 84 Pounds	16.0	15.0	266.3	255.5
85 to 105 Pounds	17.0	16.0	393.0	367.4
over 105 Pounds	12.0	13.0	474.9	486.8
	Dollars			
Value per Head	115	121	104	118
	1,000 Dollars			
Total Value	13,225	13,794	654,288	721,314
	2002	2003	2002	2003
	Number			
Operations with Sheep and Lambs	250	270	68,150	67,620
	1,000 Head			
Lamb Crop	34.0	34.0	4,357.0	4,120.0

Angora Goats Inventory: January 1, 2003 and 2004

Item	ARIZONA		UNITED STATES	
	2003	2004	2003	2004
	1,000 Head			
Angora Goats	30	30	285	260
	Dollars			
Value per Head	60.00	65.00	55.80	63.30
	1,000 Dollars			
Total Value	1,800	1,950	15,900	16,460

U.S. Egg Production Up Slightly

Egg Production up slightly: Egg production during the year ending November 30, 2003 totaled a record high 87.2 billion eggs, up slightly from 2002. Table egg production, at 74.4 billion eggs, was up slightly from the previous year. Hatching egg production, at 12.8 billion eggs, decreased 1 percent from 2002.

Average Number of Layers Down 1 Percent: Layer numbers during 2003 averaged 337 million, down 1 percent from the year earlier. The annual average production per layer on hand in 2003 was 259 eggs, up one percent from the 2002 average of 257.

December 1 Inventory Numbers: The total number of chickens on hand on December 1, 2003 (excluding commercial broilers) was 449 million birds, up 1 percent from last year.

The total value of all chickens on December 1, 2003 was \$1.11 billion, up 5 percent from December 1, 2002. The average value increased from \$2.37 per bird on December 1, 2002, to \$2.47 per bird on December 1, 2003.

Chicken and Egg Production: December 1, 2002 and 2003

Item	Other States 1/		UNITED STATES	
	2002	2003	2002	2003
	1,000 Birds			
All Chickens	7,294	8,068	443,881	448,748
Total Layers	5,880	6,206	339,203	339,989
Layers 1 year old and older	3,209	3,369	153,027	169,263
Layers 20 weeks old but less than 1	2,671	2,837	186,176	170,726
Total Pullets	1,395	1,849	96,325	100,321
Pullets 13 weeks old & older but less than 20 weeks	291	403	39,679	42,030
Pullet Chicks and pullets under 13 weeks of age	1,104	1,446	56,646	58,291
Other Chickens	19	13	8,353	8,438
	Dollars			
Value per Head	1.89	1.80	2.37	2.47
	1,000 Dollars			
Total Value	13,766	14,498	1,052,230	1,108,304
	1,000 Birds			
Annual Average Number of All Layers	5,627	6,102	339,024	337,262
	Number			
Average Eggs per Layer	273	272	257	259
	Million Eggs			
Total Egg Production	1,537	1,660	87,179	87,196

1/ "Other States" includes Alaska, Arizona, Delaware, Kansas, Nevada, New Mexico, North Dakota, and Rhode Island combined to avoid disclosure of individual operations.

UNITED STATES DEPARTMENT OF
AGRICULTURE

Arizona Agricultural Statistics Service
3003 N Central Ave., Suite 950
Phoenix, Arizona 85012-2994
www.usda.gov/nass

PRESORTED STANDARD
POSTAGE AND FEES PAID
USDA
PERMIT NO. G-38

Farms and Land in Farms Decline Slightly in 2003

The number of farms in the United States in 2003 is estimated at 2.13 million, 0.4 percent fewer than in 2002. The decline in farms occurred in all sales categories except the \$250,000-\$499,999 class which remained unchanged. Total land in farms, at 938.8 million acres, decreased 1,550,000 acres from 2002. The average size farm during 2003 was 441 acres, an increase of one acre from the previous year. The decline in the number of farms and land in farms continues to reflect consolidation in farming operations and competition for agricultural land for other uses.

The U.S. number of agricultural operations in the economic sales class \$1,000-\$9,999 declined 0.2 percent to 1,199,270 in 2003. Farms with sales of \$10,000-\$99,999 decreased 0.7% from 2002 to 600,530. The number of farms with \$100,000-\$249,999 in sales was 167,230, a decline of 0.9 percent. In the \$250,000-\$499,999 sales class, the number of farms was unchanged from the previous year. The number of agricultural operations with \$500,000 or more of sales declined 0.4% from 2002. Generally favorable weather, stronger commodity prices, higher value of commodities produced, farm consolidation, and competition for other uses of farmland contributed to the shifting of farms among the sales categories.

The number of farms in the North Central Region decreased by 5,300 (0.7 percent) and the number of farms in the West Region declined by 1,800 (0.6 percent).

The South Region lost 1,300 farms (0.1 percent). The number of farms declined 100 (0.1 percent) in the Northeast Region.

The number of farms in 2003 declined in 20 States, remained unchanged in 28 States, and increased in two States. The largest decline in farms occurred in California which lost 1,200 places followed by Missouri with 1,000. Other notable declines were: Minnesota and Nebraska, 900; Indiana, 800; North Carolina, 700; Iowa, 600; and Tennessee, Washington, and Wisconsin each losing 500 farms. For the two states with increased farm numbers, Mississippi added 600 and Montana 100 places.

Texas, with 130.5 million acres of farm and ranch land, leads the nation. The farm and ranch acreage for Texas in 2003 was unchanged from 2002. States with the largest decreases in land in farms were: California, down 500,000 acres; Arizona, Arkansas, Colorado, Florida, Iowa, Kansas, Minnesota, New Mexico, Tennessee, and Wisconsin each lost 100,000 acres. Other states showing declines in agricultural acreage were: Virginia, 70,000 acres; Indiana and Wyoming, 60,000 acres; Louisiana and Washington, 50,000 acres; Maryland, 20,000 acres; and Delaware, New York, Ohio, and Vermont each with 10,000 fewer acres. After several years of drought conditions, renewed public grazing allotments contributed to an increase of 300,000 acres in Montana's ranch land.

Number of Farms, Land in Farms, and Average Size Farm: By State and United States, 2001-2003

Western States	Farms Numbers 1/			Land in Farms			Average Size Farm		
	2001	2002	2003	2001	2002	2003	2001	2002	2003
	Number			1,000 Acres			Acres		
AK	600	610	610	900	900	900	1,500	1,475	1,475
AZ 1/	10,400	10,300	10,300	26,700	26,600	26,500	2,567	2,583	2,573
CA	81,000	79,700	78,500	27,800	27,600	27,100	343	346	345
CO	30,900	31,400	31,400	31,400	31,100	31,000	1,016	990	987
HI	5,500	5,500	5,500	1,350	1,300	1,300	245	236	236
ID	24,500	25,000	25,000	11,800	11,800	11,800	482	472	472
MT	27,800	27,900	28,000	59,600	59,800	60,100	2,144	2,143	2,146
NV	3,050	3,000	3,000	6,300	6,300	6,300	2,066	2,100	2,100
NM	17,800	17,700	17,500	44,800	44,800	44,700	2,517	2,531	2,554
OR	40,000	40,000	40,000	17,200	17,200	17,200	430	430	430
UT	15,500	15,300	15,300	11,600	11,600	11,600	748	758	758
WA	36,500	36,000	35,500	15,400	15,350	15,300	422	426	431
WY	9,200	9,200	9,200	34,500	34,500	34,440	3,750	3,750	3,743
Total West	302,750	301,610	299,810	289,350	288,850	288,240	956	958	961
US	2,148,630	2,135,360	2,126,860	942,070	940,300	938,750	438	440	441

1/ Includes some accounting for individual farms on reservation land.