

## 2004 South Carolina Equine Census

The survey results of the 2004 Equine Survey provide detailed information on the equine industry in South Carolina. Equine is defined as of or relating to horses, mules, and donkeys. Using the data collected from the survey, the USDA-NASS South Carolina Field Office was able to estimate the total number of equine in South Carolina.

USDA-NASS used the 2004 Equine Survey to estimate the number of equine owners and the economic impact of the equine industry in South Carolina as of December 31, 2004. The data collected from this survey also included:

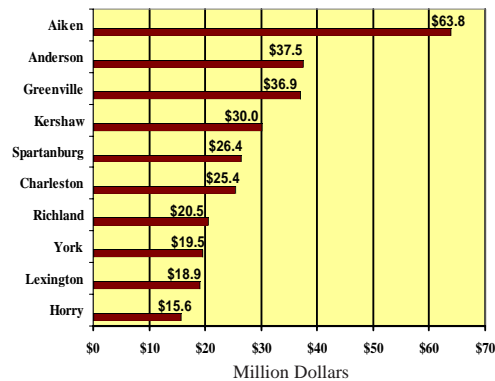
- 2004 Equine Inventory by County, by Breed
- Value of Equine Inventory by County
- Inventory by Breed by Primary Use
- Average Value per head by Breed
- Equine-related Labor
- Equine Operation by Primary Use
- Value of Equine-related Assets

For more information visit: <http://www.nass.usda.gov/sc/equine05.htm>.

## South Carolina Equine Economic Impact

As of December 31, 2004, the estimated value of the state's 84,300 equine was \$332 million. Warmbloods registered the highest average value per head at \$17,505, followed by Thoroughbreds at an average value of \$14,715 per head. After these, average values per head dropped significantly with Paso Finos the third highest at \$4,352 per head and \$3,696 for Arabians.

### South Carolina Equine Economic Impact (top 10 counties)



USDA-NASS 2004 Equine Census

Total expenses of \$402 million were incurred in 2004 by places with resident equine, equine owners who boarded their animals, and individuals with equine expenses but no equine owned or boarded on December 31, 2004. Total sales of equine in 2004 registered \$30 million and an additional \$46 million in income was received from boarding fees, breeding fees, training, lessons, etc.

Add the sum of equine expenses, equine sales, and other equine income and the total economic impact of South Carolina's equine industry is measured at \$478 million.

In addition to the dollars generated by the equine industry, owners and animals improve our quality of life in many other ways. Some examples are equine assisted therapy in the treatment of sexual abuse victims, law enforcement, equine rescue and rehabilitation, guard animals for other livestock such as cattle and goats, and teaching responsibility and work ethic to youth.

The value of equine related assets in the state was \$2.98 billion and the value of equine was \$332 million creating a total value of \$3.3 billion for South Carolina's equine industry.

$$\text{\$2.98 billion} + \text{\$332 million} = \text{\$3.3 billion}$$

United States  
 Department of Agriculture  
 National Agricultural Statistics Service  
 South Carolina Field Office  
 PO Box 1911  
 Columbia, SC 29202-1911

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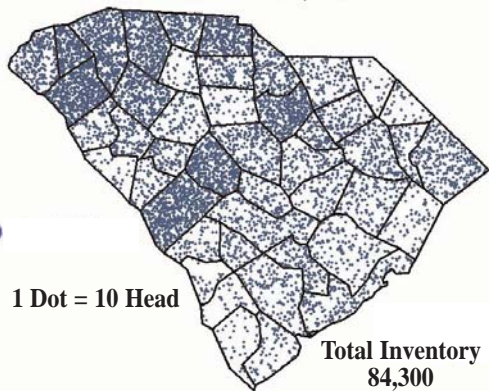
## 2004 South Carolina Equine Census



*Pocket Reference Guide*

### South Carolina Equine Density

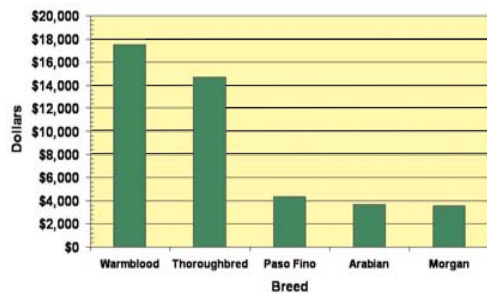
(as of December 31, 2004)



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### South Carolina Equine Average Value/Head

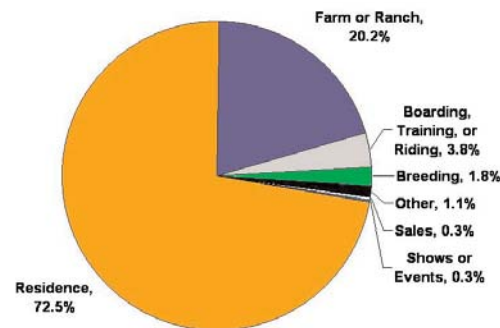
(top 5 breeds)



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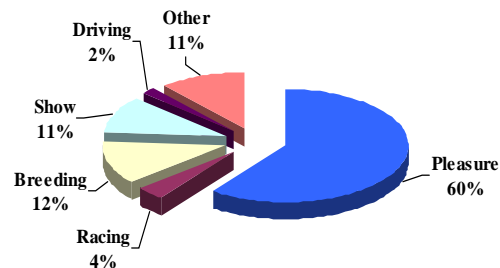
### South Carolina Equine Operations

(by primary function)



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### South Carolina Equine Uses

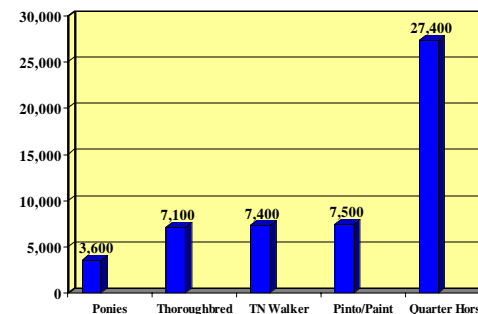


1/Other uses include farm work, old retired equine, and all other uses.

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### South Carolina Equine Inventory

(top 5 breeds)



USDA-NASS 2004 Equine Census

### South Carolina Equine Inventory

County	Head	Rank
Abbeville	1200	27
Aiken	6500	1
Allendale	300	46
Anderson	6000	2
Bamberg	800	33
Barnwell	700	36
Beaufort	800	33
Berkeley	1500	19
Calhoun	1000	30
Charleston	1800	16
Cherokee	1700	17
Chester	1500	19
Chesterfield	1400	22
Clarendon	1100	28
Colleton	1700	17
Darlington	1300	25
Dillon	400	42
Dorchester	1400	22
Edgefield	700	36
Fairfield	600	40
Florence	2000	15
Georgetown	700	36
Greenville	4600	3
Greenwood	1300	25
Hampton	300	46
Horry	3000	9
Jasper	400	42
Kershaw	3900	6
Lancaster	2200	13
Laurens	3400	8
Lee	800	33
Lexington	4400	5
Marion	700	36
Marlboro	300	46
McCormick	300	46
Newberry	1100	28
Oconee	2400	12
Orangeburg	2100	14
Pickens	2700	10
Richland	2600	11
Saluda	1000	30
Spartanburg	4600	3
Sumter	1400	22
Union	500	41
Williamsburg	1500	19
York	3700	7
<b>South Carolina</b>	<b>84,300</b>	

### Survey Methodology

Development of the mail list for the 2004 South Carolina Equine Survey came from a variety of sources; breed associations, equine feed and health sources, individuals advertising equine for sale, riding associations, individual registration via the internet, individuals leasing stable space, etc.

The final mail list totaled 28,280 with the first mailing delivered in January 2005 and the second request mailing in March 2005. Responses from the mail list totaled 11,235 of those mailed.

Building a complete mail list for a survey such as this was not possible. Therefore, an area frame survey procedure was used to estimate for the incompleteness in the mail list. Areas of land called segments (each approximately one square mile in size) were personally screened by field enumerators for equine and/or equine owners. Enumeration was conducted on 119 segments in June 2004 and an additional 105 segments in January and February 2005. Each of South Carolina's 46 counties had at least one area segment screened. Names of individuals and/or operations with equine found in the area segments were matched against the mail list. Those not on the mail list were used to measure the incompleteness in the mail list.

Telephoning of mail list non-respondents began in April 2005 and continued through August 2005. Personal enumeration of mail list non-respondents began in July 2004 and focused on the largest operations. Personal enumeration ended in early September 2005 when all allocated funds were expended.



- Good reports from equine owners on our list.
- An estimate based on the average of like, good reports for owners on the list who did not respond.
- An estimate for owners who were not on the list

**Appreciation**

The 2004 Equine Census was a cooperative effort of:

**USDA-NASS**  
**South Carolina Department of Agriculture**  
**South Carolina Farm Bureau**  
**South Carolina Horsemen's Council**

Our deepest appreciation to all equine survey respondents without whom this survey would not have been possible.

South Carolina Equine Census *Pocket Reference Guide* published by the:

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