

# 2012 Kentucky Equine Survey

*A comprehensive statewide survey of all breeds of horses, ponies, donkeys and mules*

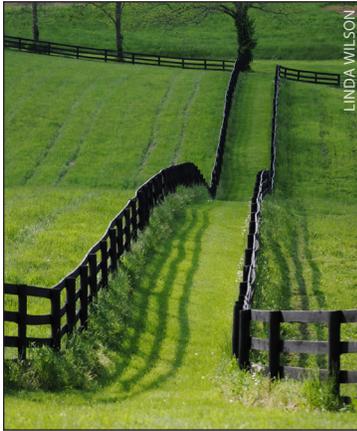


The last thorough equine inventory in Kentucky was undertaken in 1977, leaving the state's equine industry with 35 years of changes, growth and contraction that were neither measured nor analyzed.

In response to these needs, in 2011, the University of Kentucky and the Kentucky Horse Council, with support by industry organizations spearheaded by the Kentucky Quarter Horse Association, the Kentucky Thoroughbred Farm Managers' Club and Kentucky

Thoroughbred Association/Kentucky Thoroughbred Owners and Breeders, and initial support from the University of Louisville, succeeded in securing funding for a large-scale, comprehensive equine survey upon which future industry plans could be built. This was no small accomplishment, because many groups, including the Kentucky Equine Education Project, spent years laying the groundwork that eventually helped make this happen.





## Inventory Results

- Kentucky is home to 242,400 horses.
- There are approximately 35,000 equine operations in Kentucky.
- 1.1 million acres in Kentucky are devoted to equine use.
- The total value of the state's equine and equine-related assets is estimated at \$23.4 billion.
- The total of all equine-related sales and income for equine operations in 2011 was about \$1.1 billion.
- Equine-related expenditures by equine operations in 2011 totaled about \$1.2 billion; 77% of operating expenses are spent in Kentucky.

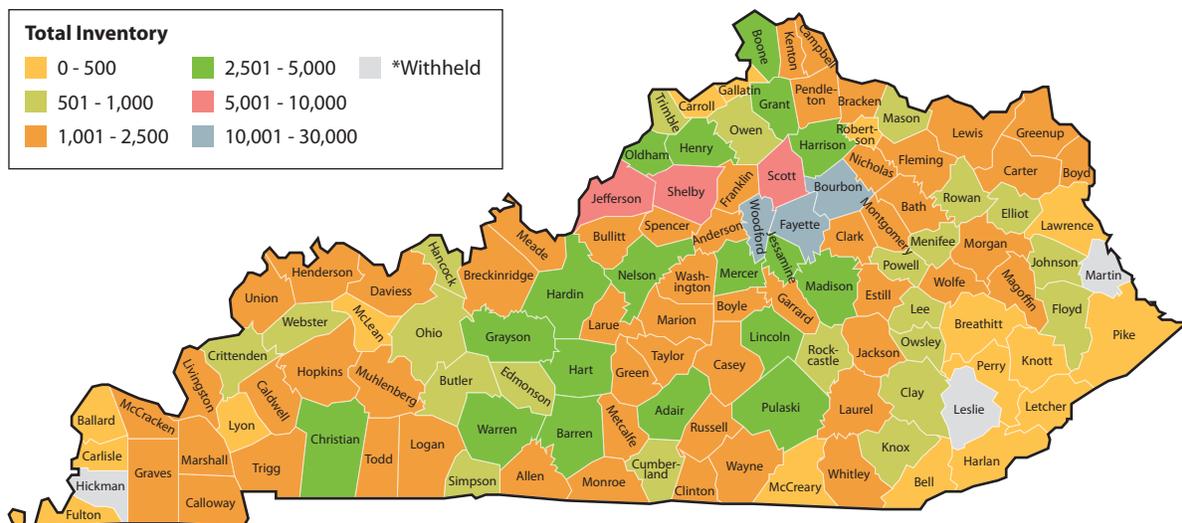
## Equine Breeds in Kentucky

|                          |        |
|--------------------------|--------|
| Thoroughbred             | 54,000 |
| Quarter Horse            | 42,000 |
| Tennessee Walking Horse  | 36,000 |
| American Saddlebred      | 14,000 |
| Donkeys and mules        | 14,000 |
| Mountain Horse breeds    | 12,500 |
| Standardbred             | 9,500  |
| Miniature Horses         | 7,000  |
| Ponies                   | 7,000  |
| Paint                    | 6,500  |
| Arabian and Half-Arabian | 5,500  |
| Appaloosa                | 3,800  |
| Belgian                  | 3,300  |
| Morgan                   | 2,000  |
| Percheron                | 1,600  |
| Paso Fino                | 1,500  |
| Hackney Horse            | 1,100  |
| Pinto (excludes Paint)   | 900    |
| Clydesdale               | 200    |
| Other                    | 20,000 |

## Primary Use of Kentucky's Equines

|                                |        |
|--------------------------------|--------|
| Trail riding/pleasure          | 79,500 |
| Broodmares                     | 38,000 |
| Idle/not working               | 33,000 |
| Competition/show               | 24,500 |
| Yearlings, weanlings and foals | 23,000 |
| Racing                         | 15,000 |
| Other activities               | 13,000 |
| Work/transportation            | 12,500 |
| Stallions at stud              | 3,900  |

## Kentucky Equine Inventory by County



\*Withheld to avoid disclosing data for individual firms.



### Operating Expenditures, 2011

| Category                            | Expense (\$)       | % Spent in Kentucky |
|-------------------------------------|--------------------|---------------------|
| Maintenance/repair                  | 149,000,000        | 73%                 |
| Feed                                | 123,000,000        | 85%                 |
| Breeding fees                       | 85,000,000         | 77%                 |
| Health                              | 71,000,000         | 82%                 |
| Training fees                       | 69,000,000         | 60%                 |
| Boarding fees paid to others        | 48,000,000         | 80%                 |
| Insurance premiums                  | 41,000,000         | 77%                 |
| Utilities/fuel                      | 38,000,000         | 86%                 |
| Farrier                             | 34,000,000         | 85%                 |
| Taxes                               | 34,000,000         | 78%                 |
| Shipping and travel                 | 34,000,000         | 70%                 |
| Supplies                            | 27,000,000         | 81%                 |
| Miscellaneous                       | 26,000,000         | 79%                 |
| Fees and payments                   | 25,000,000         | 69%                 |
| Bedding                             | 21,000,000         | 85%                 |
| Rent/lease                          | 14,000,000         | 88%                 |
| <b>Total operating expenditures</b> | <b>839,000,000</b> | <b>77%</b>          |

### Capital Expenditures, 2011

|  |                      |
|--|----------------------|
| Purchases of equine                    | \$185 million        |
| Real estate purchases and improvements | \$82 million         |
| Equipment purchases                    | \$71 million         |
| <b>Total capital expenditures</b>      | <b>\$338 million</b> |

### Equine Operation Revenues and Expenses (reported from calendar year 2011)

#### Revenues

|  |                 |
|--|-----------------|
| Income from sales of horses, ponies, mules and donkeys | \$522.1 million |
| Income from equine-related services                    | \$491 million   |
| <i>breeding services</i>                               | \$220 million   |
| <i>non-breeding services</i>                           | \$271 million   |

**In total, equine-related income from sales and services**      **\$1.1 billion**



### Value of Equine and Equine-Related Assets (on July 1, 2012)

|   |                |
|---|----------------|
| Value of the all horses, ponies, mules and donkeys  | \$6.3 billion  |
| Value of equine-related land, fencing and buildings | \$13.9 billion |
| Value of equine-related vehicles and equipment      | \$3 billion    |
| Value of tack and equestrian clothing               | \$114 million  |
| Value of feed and supplies                          | \$58 million   |

**Total value of all equine-related assets, including the value of the equine**      **\$23.4 billion**



## Economic Impact

An economic impact analysis of Kentucky's equine industry was also conducted. According to three of the most commonly-used measures of economic impact:

- The output effect, or the increase in sales of total goods and services due to the presence of the equine industry, was measured at approximately \$3 billion.

- The employment effect, or the number of jobs created, was measured at 40,665.
- The value added effect, which is new income paid to workers, profits earned by businesses or dividends paid to shareholders, was estimated to be \$1.4 billion.

In addition, the tax contribution of the equine industry to the state of Kentucky was approximately \$134 million.

### Total Economic Impact of Equine Industry

|                                | Employment<br>(jobs) | Output         | Value Added    |
|--------------------------------|----------------------|----------------|----------------|
| Direct equine industry impacts | 32,022               | \$1.78 billion | \$813 million  |
| Total equine industry impacts  | 40,665               | \$2.99 billion | \$1.40 billion |

### Estimate of Impact by Sector

| Sector      | Employment | Output         | Value Added   |
|-------------|------------|----------------|---------------|
| Breeding    | 16,198     | \$710 million  | \$333 million |
| Competition | 2,708      | \$635 million  | \$297 million |
| Racing      | 6,251      | \$1.28 billion | \$601 million |
| Recreation  | 594        | \$166 million  | \$78 million  |
| Other       | 14,914     | \$194 million  | \$91 million  |

A full copy of the report, methodology, terminology and lists of sponsors and key contributors can be requested by contacting [equine@uky.edu](mailto:equine@uky.edu) or 859-257-2226.