

## HIGHLIGHTS

- < 160,000 Equine on 34,000 Operations
- < Total Value of Equine Over \$580 Million
- < Quarter Horses Rank First in Inventory at 43,700, with Grade Horses Second at 22,300
- < Top Five Equine Counties are Lagrange, Elkhart, Allen, Hendricks, and Daviess
- < Quarter Horses Rank First in Total Value with over \$183 Million, Standardbred Horses Rank Second with over \$89 Million
- < Total Equine Related Assets Exceed \$4.6 Billion
- < Annual Equine Related Income \$92 Million
- < More Information Available at <http://www.nass.usda.gov/in/equine/equine.htm>

## EQUINE INVENTORY, VALUE AND OPERATIONS, BY BREED INDIANA, JANUARY 1, 2002

Breed	Inventory	Total Value	Value Per Head		Number of Operations	Percent of Operations
			Mean	Median		
	<u>Number</u>	<u>Dollars</u>	<u>Dollars</u>		<u>Number</u>	<u>Percent</u>
Quarter Horse	43,700	183,103,000	4,190	2,500	15,750	46
Grade Horse	22,300	29,882,000	1,340	1,000	8,220	24
Draft Horse	15,400	31,108,000	2,020	1,540	3,550	10
Standardbred	15,300	89,352,000	5,840	2,000	5,320	16
Pinto or Paint	11,700	34,749,000	2,970	2,000	5,880	17
Pony	10,000	13,100,000	1,310	700	6,410	19
Arabian	9,200	36,248,000	3,940	2,000	3,840	11
Appaloosa	5,900	16,225,000	2,750	1,660	3,310	10
Tennessee Walking	5,400	16,038,000	2,970	2,000	2,160	6
Thoroughbred	5,300	63,494,000	11,980	4,620	1,730	5
Donkey or Mule	4,000	3,760,000	940	700	1,690	5
Miniature	3,400	4,726,000	1,390	1,150	830	2
Saddlebred	2,600	20,514,000	7,890	3,400	1,020	3
Morgan	1,700	10,030,000	5,900	3,130	690	2
Warmblood	1,200	15,120,000	12,600	8,000	390	1
All Other Breeds <sup>1/</sup>	2,900	12,673,000	4,370	2,500	1,290	4
All Breeds	160,000	580,122,000	3,626	1,420	34,000 <sup>2/</sup>	---

<sup>1/</sup> All Other Breed classification included all write-in breed reports of AKA, ATA, Andalusian, American Saddle, American Show Horse, Anglo/Arab, Arab/Paso Mix, Azteca, Black Winamac, Buckskin, Bashkir Curly, Colorado Ranger, English Shire, Fox Trotter, Hungarian, Irish Draft, Irish Hunter, Irish Sport Horse, Lipizzaner, Morab, Mustang, Missouri Fox Trotter (MFT), National Show Horse, Oldenburg, Palomino, Paso Fino, Peruvian Paso, Rocky Mountain, Racking, Reg Saddle, Rocky Mountain/Kentucky Mountain, Shagya Arab, Spanish Mustang, Spotted Saddle, TBS, Trotting Breeds, Walkaloosa, Westphalen, and Wild Mustang.

<sup>2/</sup> Number of operations sums to greater than the 34,000 total because of operations reporting multiple breeds.

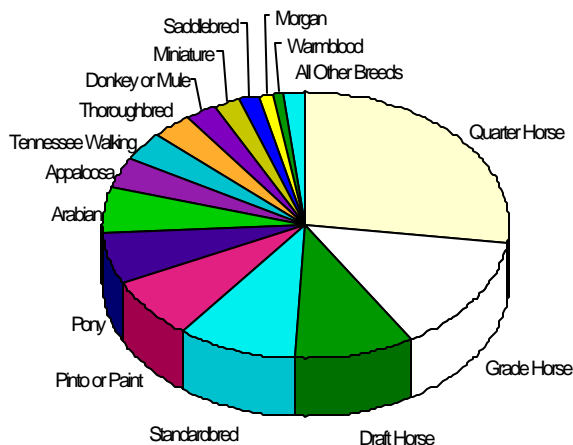
**EQUINE PRIMARY USE, BY BREED  
INDIANA, JANUARY 1, 2002**

Breed	Brood Mares	Stallions	Racing	Show or Competition	Trail or Recreation	Work	Other Use	Total Inventory
<b>Number of Head</b>								
Quarter Horse	6,000	1,160	380	10,190	22,060	480	3,430	43,700
Grade Horse	870	160	0	1,340	15,050	2,510	2,370	22,300
Draft Horse	2,900	500	0	1,290	1,410	7,850	1,450	15,400
Standardbred	3,220	230	4,430	130	1,010	4,860	1,420	15,300
Pinto or Paint	2,280	580	20	1,820	6,070	50	880	11,700
Pony	830	250	60	1,520	4,880	890	1,570	10,000
Arabian	1,340	380	60	1,820	4,620	50	930	9,200
Appaloosa	600	190	10	860	3,800	60	380	5,900
Tennessee	1,470	150	20	560	3,910	0	290	5,400
Thoroughbred	1,280	170	1,770	720	820	50	490	5,300
Donkey or Mule	750	150	0	220	1,790	270	820	4,000
Miniature	1,460	390	0	420	580	0	550	3,400
Saddlebred	340	80	10	910	890	100	270	2,600
Morgan	260	70	0	360	800	50	160	1,700
Warmblood	100	20	0	670	240	30	140	1,200
All Other Breeds	320	100	40	390	1,770	40	240	2,900
<b>All Breeds</b>	<b>23,020</b>	<b>4,580</b>	<b>6,800</b>	<b>23,220</b>	<b>69,700</b>	<b>17,290</b>	<b>15,390</b>	<b>160,00</b>

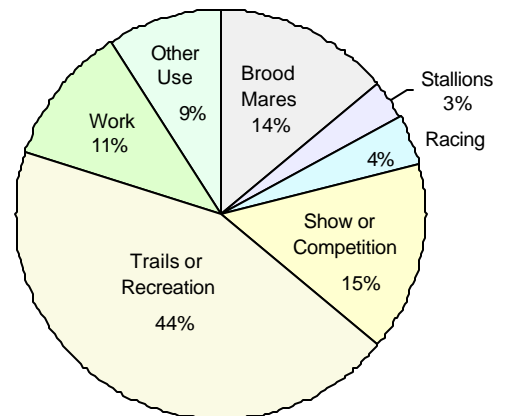
**EQUINE PERCENT OF PRIMARY USE  
INDIANA, JANUARY 1, 2002**

Breed	Brood Mares	Stallions	Racing	Show or Competition	Trail or Recreation	Work	Other Use	Total
<b>Percent</b>								
Quarter Horse	14	3	1	23	50	1	8	100
Grade Horse	4	1	---	6	67	11	11	100
Draft Horse	19	3	---	8	9	51	10	100
Standardbred	21	2	29	1	7	32	8	100
Pinto or Paint	19	5	---	16	52	---	8	100
Pony	8	3	1	15	49	9	15	100
Arabian	15	4	1	20	50	1	9	100
Appaloosa	10	3	---	15	64	1	7	100
Tennessee Walking	9	3	---	10	72	---	6	100
Thoroughbred	24	3	33	14	15	1	10	100
Donkey or Mule	19	4	---	5	45	7	20	100
Miniature	43	11	---	12	17	---	17	100
Saddlebred	13	3	---	35	34	4	11	100
Morgan	15	4	---	21	47	3	10	100
Warmblood	8	2	---	56	20	3	11	100
All Other Breeds	11	3	1	14	61	1	9	100
<b>All Breeds</b>	<b>14</b>	<b>3</b>	<b>4</b>	<b>15</b>	<b>44</b>	<b>11</b>	<b>9</b>	<b>100</b>

**Equine Inventory, by Breed**



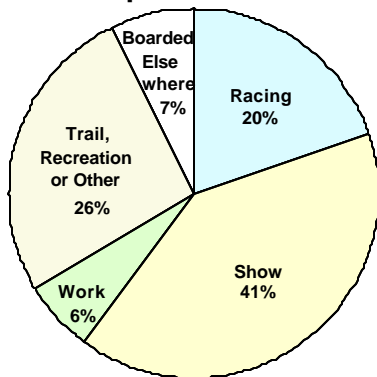
**Equine Percent of Primary Use**



**ANNUAL INCOME & EXPENSES OF EQUINE OPERATIONS  
AND OWNERS WITH EQUINE BOARDED ELSEWHERE: INDIANA, 2001**

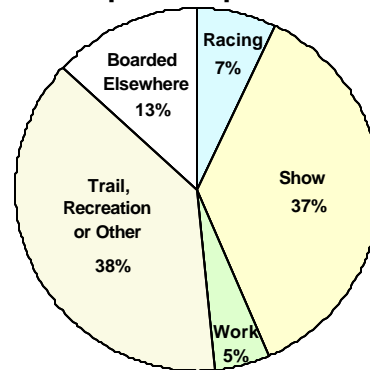
Category	Operations with Resident Equine					Owners With Equine Boarded Elsewhere	Total
	Racing Operations	Show or Competition Operations	Work Operations	Trail or Recreation Operations	All Operations		
	<b>Number</b>						
Operations	1,000	6,120	4,850	22,030	34,000	6,775	40,775
Equine	10,360	38,970	26,470	84,200	160,000	---	160,000
	<b>Thousand Dollars</b>						
Income							
Purses and Prizes	8,885	3,317	---	518	12,720	3,075	15,795
Stud Fees	589	1,253	65	219	2,126	237	2,363
Equine Leasing/Rental	19	34	---	77	130	359	489
Lessons	387	2,591	343	3,875	7,196	62	7,258
Equine Sales	3,688	8,837	1,947	5,630	20,102	918	21,020
Boarding	3,268	14,915	140	7,372	25,695	128	25,823
Training	1,089	5,382	897	170	7,538	1,845	9,383
Therapeutic Riding/Driving	0	4	---	2,091	2,095	---	2,095
Other	169	859	2,341	4,361	7,730	8	7,738
<b>Total Income</b>	<b>18,094</b>	<b>37,192</b>	<b>5,733</b>	<b>24,313</b>	<b>85,332</b>	<b>6,632</b>	<b>91,964</b>
Expenditures							
Total Operating Expenditures	27,395	88,349	17,291	102,943	235,978	46,951	282,929
Equine Purchases	3,864	12,935	2,924	11,529	31,252	10,999	42,251
Equine Related Real Estate Purchases	284	31,718	1,619	25,931	59,552	---	59,552
Equine Buildings or Equipment	6,971	67,855	4,533	69,663	149,022	14,827	163,849
<b>Total Expenditures</b>	<b>38,514</b>	<b>200,857</b>	<b>26,367</b>	<b>210,066</b>	<b>475,804</b>	<b>72,777</b>	<b>548,581</b>

**Equine Income**



Total = \$92 Million

**Equine Expenses**



Total = \$549 Million

**EQUINE ASSETS: INDIANA, 2001**

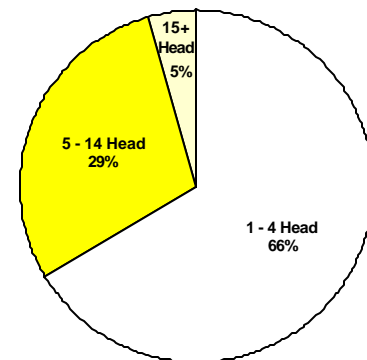
Assets	Operations with Resident Equine					Owners With Equine Boarded Elsewhere	Total
	Racing Operations	Show or Competition Operations	Work Operations	Trail or Recreation Operations	All Operations		
	<b>Thousand Dollars</b>						
Value of Equine	121,796	224,552	45,183	188,591	580,122	---	580,122
Value of Land Used for Equine	191,808	690,804	464,760	1,738,033	3,085,405	---	3,085,405
Value of Vehicles Used for Equine	34,660	226,250	40,205	463,600	764,715	51,610	816,325
Value of Tack	6,462	52,094	11,722	79,938	150,216	18,988	169,204
<b>Total Equine Related Assets</b>	<b>354,726</b>	<b>1,193,700</b>	<b>561,870</b>	<b>2,470,162</b>	<b>4,580,458</b>	<b>70,598</b>	<b>4,651,056</b>

## EQUINE LABOR: INDIANA, 2001

Category	Operations with Resident Equine					Owners With Equine Boarded Elsewhere	Total
	Racing Operations	Show or Competition Operations	Work Operations	Trail or Recreation Operations	All Operations		
	<b>Number</b>						
Full-Time Workers	115	595	20	395	1,125	---	1,125
Seasonal Workers	105	235	85	390	815	15	830
Part-Time Workers	325	720	150	1,755	2,950	55	3,005
Total Hired Workers	545	1,550	255	2,540	4,890	70	4,960

## RESIDENT EQUINE OPERATIONS, BY SIZE GROUP INDIANA, JANUARY 1, 2002

Size Group	Operations	Total Equine	Average Equine Per Operation
	<b>Number</b>	<b>Head</b>	
1 - 4 Head	22,590	54,580	2.4
5 - 14 Head	9,880	68,200	6.9
15+ Head	1,530	37,220	24.3
Indiana	34,000	160,000	4.7



Total = 34,000

## EQUINE SURVEY PROCEDURES

### **Purpose**

The 2002 Indiana Equine Survey was designed to determine equine inventory, economic contribution, and identify health related issues for the Indiana equine operations. Survey efforts were sponsored by the Indiana Horse Council (IHC), Indiana Horse Racing Commission, Indiana Livestock Development and Promotion Fund, Purdue University Veterinary School, and Purdue University Agricultural Statistics Department.

### **Reliability**

The estimate from a sample survey will vary depending upon the units responding to the survey. The variation in the expansions are measured by the standard error of the

estimate, expressed as a percent of the estimate, also identified as the coefficient of variation. The resulting coefficient of variation for the total number of equine in Indiana (160,000), was 3.4%. Chances are 95 out of 100 that the interval created by the estimate plus or minus two standard errors will contain the true population value. Therefore, there is a 95% confidence, that the survey estimate of 160,000 head would reflect the true population, plus or minus 6.8% (10,880 head).