



NR-08-04

News Release

January 15, 2008

2007 Equine Survey Summary

Results from the 2007 Michigan Equine Survey have been compiled. The survey was conducted last summer by the USDA, NASS, Michigan Field Office. Funding for the survey was provided by Michigan State University Extension, the Michigan Department of Agriculture, the Michigan Horse Council, Michigan Equine Partnership, and numerous other equine organizations.

The estimate of equine in Michigan on June 1, 2007, was 155,000. That compared with 130,000 on June 1, 1996, the last time an inventory of equine was done in Michigan. The four most numerous breeds, in order, were American Quarter Horse, American Paint, Arabian, and Standardbred. They accounted for over half the total inventory.

There were 35,000 equine operations in 2007, up from 28,700 in 1991. Almost two-thirds of the inventory was located on places with fewer than 10 equine. About 63 percent of the equine operations were on land zoned agricultural; the remainder was in areas zoned residential or other. Equine were more geographically dispersed than other livestock breeds; they were located in significant numbers in virtually every county.

Since most equine were on small or medium-sized operations, most equine-related labor was performed on an unpaid basis by 79,000 operators, partners, and family members. Nevertheless, equine operators spent \$25 million on 4,300 hired workers in 2006. That was a fraction of the large number of workers who were supported by the equine industry but were not employed directly by equine operations: veterinarians, farriers, tack store operators, trainers, jockeys, etc.

Excluding wages and salaries to hired workers, operators and owners incurred \$460 million of equine-related expenditures in 2006. These included costs for feed, fuel, health care, transportation, equipment, tack, boarding, bedding, breeding, show and race entry fees, and taxes. This amounted to a substantial contribution to the economy of the State.

All tables from the equine survey are available through the NASS home page at www.nass.usda.gov. Select Michigan under Statistics by State to access the Michigan internet page. In the list of Michigan Publications, choose Other Publications to find the Equine Survey information.

**Equine: Operations and inventory
by primary activity**

Primary activity	Operations	Inventory
	<i>Number</i>	<i>Number</i>
Boarding stable	1,000	11,500
Training stable	550	7,500
Breeding farm	1,600	21,000
Lesson stable	200	2,800
Other equine activity	650	6,200
Other farm	4,400	20,000
Private residence	26,600	86,000
Michigan	35,000	155,000

Equine: Inventory by principal use

Principal use	Inventory
	<i>Number</i>
Breeding	21,000
Competition	19,400
Work	12,600
Racing	5,700
Trail riding	17,300
Recreation/pleasure	57,500
Idle	21,500
Michigan	155,000

Equine: Number of operations and inventory by size group

Size group	Operations		Inventory	
	1991	2007	1991	2007
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1-2 head	14,700	15,400	24,000	24,000
3-9 head	11,500	16,600	54,000	76,000
10-29 head	2,150	2,650	33,000	38,000
30+ head	350	350	19,000	17,000
Michigan	28,700	35,000	130,000	155,000

Equine: Operations, inventory, and acres, used for equine, by land use zoning

Zoning	Operations	Inventory	Acres
	<i>Number</i>		
Agricultural	22,200	110,000	345,000
Residential	8,000	27,000	60,000
Other	4,800	18,000	35,000
Michigan	35,000	155,000	440,000

Equine: Assets, June 1, 2007

Category	Total
	<i>1,000 Dollars</i>
Current replacement value of assets	4,350,000
	<i>Number</i>
Acres used for equine	440,000
Operations with indoor arenas	2,300

Equine: Income, expenses and wages, 2006

Category	Total
	<i>1,000 Dollars</i>
Income from equine	150,000
Expenses for equine ¹	460,000
Equine wages and salaries	25,000

¹ Excluding wages and salaries.

Equine: Number of workers by category

Category	Workers
	<i>Number</i>
Hired managers	300
Full-time workers	650
Part-time workers	3,350
Total paid workers	4,300
Unpaid workers ¹	79,000

¹ Includes operators, partners, and family members.

Equine: Activity participants by age and gender

Age category	Participants	
	Females	Males
	<i>Number</i>	<i>Number</i>
Adults over 50	14,800	16,200
Adults 19 to 49	28,800	17,100
Youths 8 to 18	13,200	7,000
Youths under 8	2,900	2,700
Michigan	59,700	43,000

Equine: Inventory by housing category

Housing category	Inventory
	<i>Number</i>
Stalled	15,000
Pastured	60,000
Partially stalled ¹	80,000
Michigan	155,000

¹ Daily turnout time 4 hours or greater.

Equine: Bedding usage

Bedding type	Operations
	<i>Percent</i>
Wood shavings, sawdust, pellets	50
Sand	3
Straw	29
Other	2
None	29

Equine: Manure, used bedding, and compost disposition

Disposition	Operations
	<i>Percent</i>
Remained on operation	87
Removed from operation	13
Spread on farmland	5
For gardening/landscaping	7
Other	1

Equine: Inventory by county, June 1, 2007

County	Inventory	County	Inventory	County	Inventory
	<i>Number</i>		<i>Number</i>		<i>Number</i>
Alcona	550	Hillsdale	5,500	Montcalm	2,300
Alger	200	Houghton	400	Montmorency	350
Allegan	3,900	Huron	1,200	Muskegon	1,300
Alpena	1,400	Ingham	4,900	Newaygo	2,400
Antrim	700	Ionia	2,500	Oakland	6,900
Arenac	400	Iosco	1,000	Oceana	1,500
Barry	3,900	Iron	400	Ogemaw	700
Bay	1,300	Isabella	1,800	Ontonagon	450
Benzie	550	Jackson	5,700	Osceola	1,500
Berrien	1,900	Kalamazoo	3,100	Oscoda	550
Branch	2,900	Kalkaska	400	Otsego	400
Calhoun	3,100	Kent	4,500	Ottawa	3,300
Cass	1,900	Lake	550	Presque Isle	500
Charlevoix	700	Lapeer	5,100	Roscommon	150
Cheboygan	600	Leelanau	500	Saginaw	2,500
Chippewa	1,600	Lenawee	3,100	Sanilac	3,100
Clare	1,600	Livingston	5,900	Schoolcraft	200
Clinton	2,200	Mackinac	600	Shiawassee	2,600
Crawford	300	Macomb	2,300	St. Clair	3,500
Delta	650	Manistee	600	St. Joseph	3,300
Dickinson	450	Marquette	650	Tuscola	3,000
Eaton	4,400	Mason	750	Van Buren	1,900
Emmet	800	Mecosta	1,900	Washtenaw	6,300
Genesee	3,300	Menominee	850	Wayne	2,300
Gladwin	1,600	Midland	1,500	Wexford	800
Gogebic	200	Missaukee	550		
Grand Traverse	900	Monroe	3,300	Other counties ¹	350
Gratiot	1,300				

¹ Baraga, Keweenaw, and Luce.

Equine: Trail and pleasure riding locations used

Location	Owners
	<i>Percent</i>
Parks or recreation areas	23
State or national forests	14
Wildlife management areas	6
Public roads	36
Private land	53
Other	6
Do not ride	41

Equine: Transportation to and from Michigan state parks and forests

Category	Total
	<i>Number</i>
Owners transporting	10,000
Distance transported	<i>Miles</i> 5,600,000

Equine: Inventory and value by breed

Breed	Inventory		Value
	June 1, 1996	June 1, 2007	June 1, 2007
	<i>Number</i>	<i>Number</i>	<i>Dollars/head</i>
American Quarter Horse	36,000	41,000	3,000
American Paint	5,600	14,000	3,000
Appaloosa	6,900	6,400	2,000
Arabian	15,500	12,500	4,500
Belgian	5,800	7,700	1,500
Clydesdale	500	500	3,500
Donkey	1,100	3,800	500
Haflinger	1,400	2,500	1,500
Half-Arabian	2,500	3,400	4,000
Miniature Horse	1,700	5,800	2,000
Morgan	3,500	4,000	4,500
Mule	1,300	1,400	1,500
Percheron	2,500	3,200	2,500
Pony of the Americas	1,200	1,200	2,000
Saddlebred	1,400	1,800	7,000
Shetland	3,100	2,200	600
Standardbred	12,000	12,000	5,000
Tennessee Walking Horse	2,200	3,700	3,000
Warmblood	2,000	3,800	14,000
Thoroughbred	7,600	7,100	7,000
Welsh	1,800	1,100	1,500
Other Light Horse	3,100	4,900	6,000
Other Draft Horse	700	1,400	8,000
Other Pony	3,100	2,100	2,000
Grade Light Horse	7,500	3,700	1,000
Grade Pony		2,700	600
Grade Draft Horse		1,100	1,200
Michigan	130,000	155,000	