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# 2011 SUMMARY OF EQUINE INFECTIOUS ANEMIA CASES IN THE UNITED STATES

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This document summarizes State reporting of equine infectious anemia (EIA) cases in the United States during 2011. State animal health officials report EIA testing and case information to APHIS Veterinary Services (VS) through the National Animal Health Reporting System (NAHRS). The NAHRS is an online reporting tool enabling States to submit animal disease information to VS by the Internet with assurance of secure data transfer and information confidentiality. The National Surveillance Unit requested EIA information by e-mail from States that did not use NAHRS, and recorded the data in the NAHRS database.

Reporting of testing for equine infectious anemia (EIA) is summarized on a calendar year basis. During 2011, a total of 1,572,868 EIA tests were conducted in 50 States, resulting in detection of 82 positive horses. These results compared to 1,681,570 tests and 49 positives in 2010. The resulting increase in EIA positive horses in 2011 is primarily related to the cluster of 40 cases on one premises in Arkansas. These 40 positive horses were from a semi-closed herd with infrequent movement off the premises. The premises had 40 test positive out of 87 horses tested for EIA. Additional information can be found at the Arkansas Livestock and Poultry Commission Web site: <http://alpc.arkansas.gov/Pages/default.aspx>. There were 30 new premises with positive horses in 2011, which was lower than the 32 premises recorded in 2010. Figure 2 presents a summary of EIA testing from 2001-2011. Historical data and additional information on EIA are available online at <http://www.aphisusda.gov/vs/nahss/equine/eia/index.htm>.

**Table 1. Test results for equine infectious anemia in the United States, 2011**

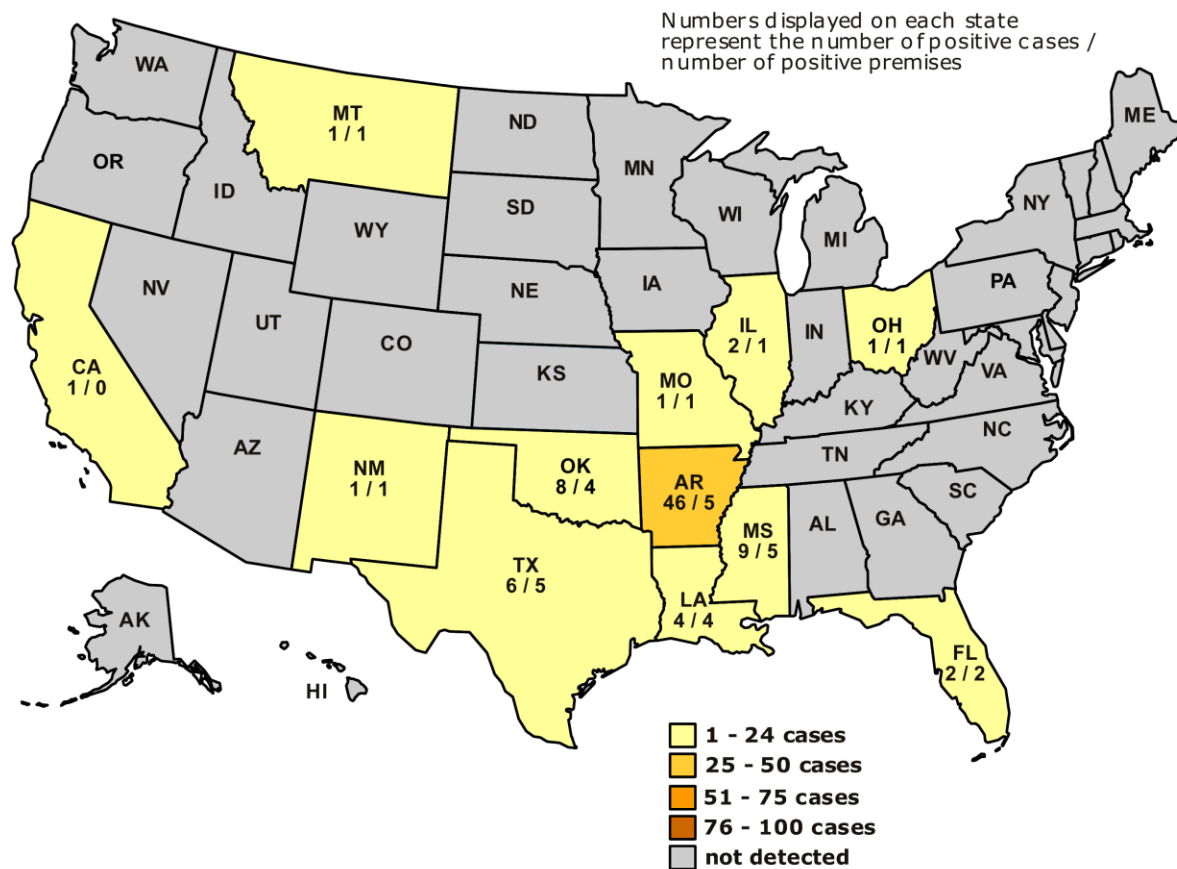
State	Tests Performed	Positive Horses	Positive Premises
Alabama	23,846	0	0
Alaska	625	0	0
Arizona	6,332	0	0
Arkansas	40,089	46	5
California	23,322	1	0
Colorado	20,141	0	0
Connecticut	9,839	0	0
Delaware	4,088	0	0



<b>State</b>	<b>Tests Performed</b>	<b>Positive Horses</b>	<b>Positive Premises</b>
Florida	114,892	2	2
Georgia	43,106	0	0
Hawaii	169	0	0
Idaho	11,241	0	0
Illinois	30,851	2	1
Indiana	25,083	0	0
Iowa	16,387	0	0
Kansas	7,162	0	0
Kentucky	86,903	0	0
Louisiana	42,279	4	4
Maine	4,313	0	0
Maryland	30,304	0	0
Massachusetts	12,962	0	0
Michigan	46,390	0	0
Minnesota	33,200	0	0
Mississippi	31,132	9	5
Missouri	80,249	1	1
Montana	16,210	1	1
Nebraska	9,497	0	0
Nevada	9,217	0	0
New Hampshire	9,932	0	0
New Jersey	16,833	0	0
New Mexico	20,388	1	1
New York	45,175	0	0
North Carolina	58,206	0	0
North Dakota	8,055	0	0
Ohio	38,373	1	1
Oklahoma	81,297	8	4
Oregon	6,587	0	0
Pennsylvania	53,325	0	0
Rhode Island	1,082	0	0
South Carolina	32,577	0	0
South Dakota	10,098	0	0
Tennessee	22,161	0	0

State	Tests Performed	Positive Horses	Positive Premises
Texas	236,282	6	5
Utah	11,793	0	0
Vermont	6,805	0	0
Virginia	59,835	0	0
Washington	3,294	0	0
West Virginia	13,079	0	0
Wisconsin	42,148	0	0
Wyoming	15,704	0	0
<b>U.S. Totals</b>	<b>1,572,868</b>	<b>82</b>	<b>30</b>

Figure 1. Reported numbers of horses and premises testing positive for EIA, 2011



**Figure 2. Reported numbers of EIA tests and positive cases in the United States, 2000-2011**

