
2011 SUMMARY OF EASTERN EQUINE ENCEPHALITIS CASES IN THE UNITED STATES

PREPARED APRIL 2012

The National Surveillance Unit (NSU) collaborates with the VS National Centers for Animal Health Programs equine staff, the Centers for Disease Control and Prevention (CDC), and State veterinary and public health officials to provide accurate weekly equine arbovirus case reports to stakeholders during the arbovirus transmission season, typically from late June through early November. CDC provides arbovirus case information from its ArboNET reporting system, an electronic-based surveillance and reporting system used to track and report arboviral activity. NSU subsequently disseminates the equine case information weekly to State veterinary officials for their confirmation, and posts the confirmed data on the NAHSS website (<http://www.aphis.usda.gov/vs/nahss/equine/>). This website was developed at the request of the USAHA Infectious Diseases of Horses Committee and the American Horse Council. The site provides timely and accurate equine arbovirus case information to individuals associated with the horse industry, including horse owners, animal health professionals, and regulatory officials, as well as public health officials and those in related academic and research fields.

In calendar year 2011, **10** U.S. States reported **60** equine cases of eastern equine encephalitis (EEE). This was the fewest reported cases of EEE in the United States since 2003 (Figure 1). One State, Wisconsin (31 cases), reported 52 percent of all U.S. EEE cases in 2011. Table 1 shows the total number of cases in each State and county in 2011. Figures 2-10 show statewide equine EEE case totals for 2003-2011.

Figure 1. Reported U.S. Equine Cases of Eastern Equine Encephalitis, 2003-2011

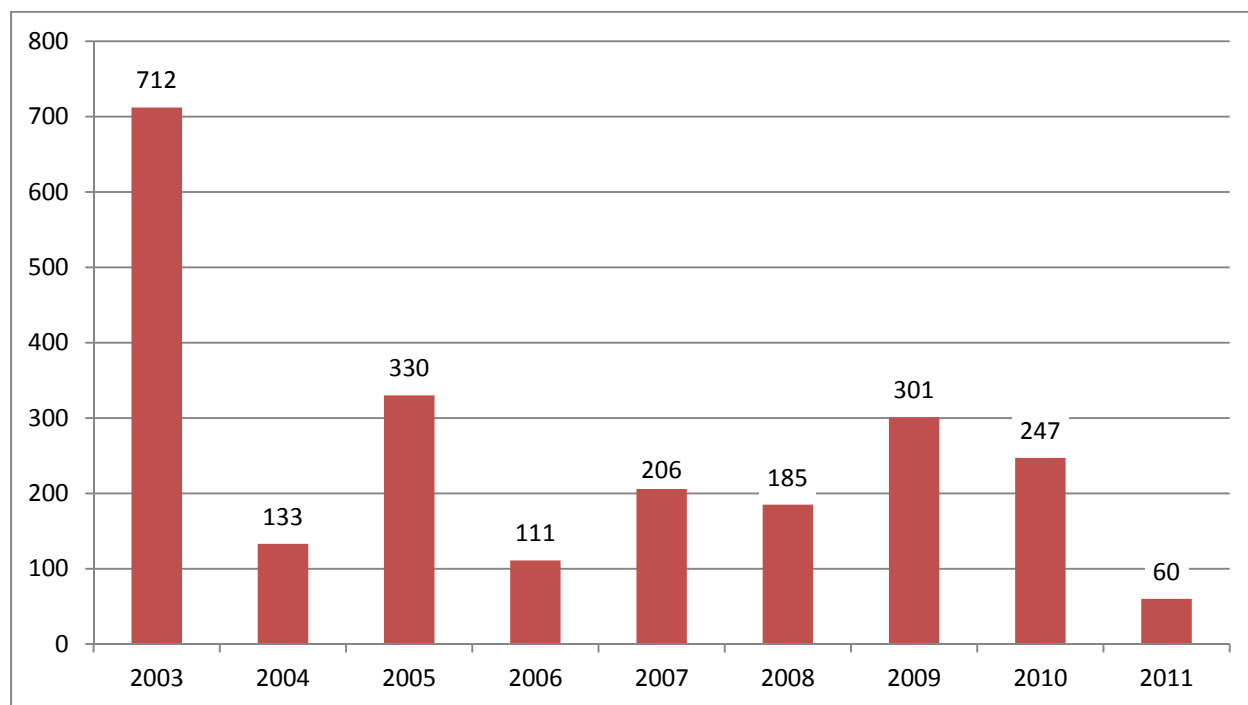


Table 1. Number of reported equine cases of eastern equine encephalitis by State and county, 2011.

State	County	Eastern Equine Encephalitis Reported Cases
Florida	Holmes County	2
	Lake County	2
	Marion County	1
	Putnam County	1
Total cases for Florida		6
Louisiana	Livingston Parish	1
	Ouachita Parish	2
Total cases for Louisiana		3
Massachusetts	Worcester County	1
Total cases for Massachusetts		1
Michigan	Arenac County	1
	Midland County	1
	Missaukee County	1
Total cases for Michigan		3
Mississippi	Lauderdale County	1
Total cases for Mississippi		1
North Carolina	Halifax County	1
Total cases for North Carolina		1
New Jersey	Gloucester County	1
Total cases for New Jersey		1
New York	Oneida County	4
	Oswego county	7
	St. Lawrence County	1
Total cases for New York		12
Pennsylvania	Lancaster County	1
Total cases for Pennsylvania		1
Wisconsin	Bayfield County	2
	Chippewa County	3
	Clark County	2
	Dunn County	1
	Langlade County	1
	Lincoln County	3
	Marathon County	2
	Price County	4
	Taylor County	12
	Waupaca County	1
Total cases for Wisconsin		31
Total Reported Eastern Equine Encephalitis Cases for the United States		60

Figure 2. U.S. State distribution of 60 reported equine cases of eastern equine encephalitis in 2011

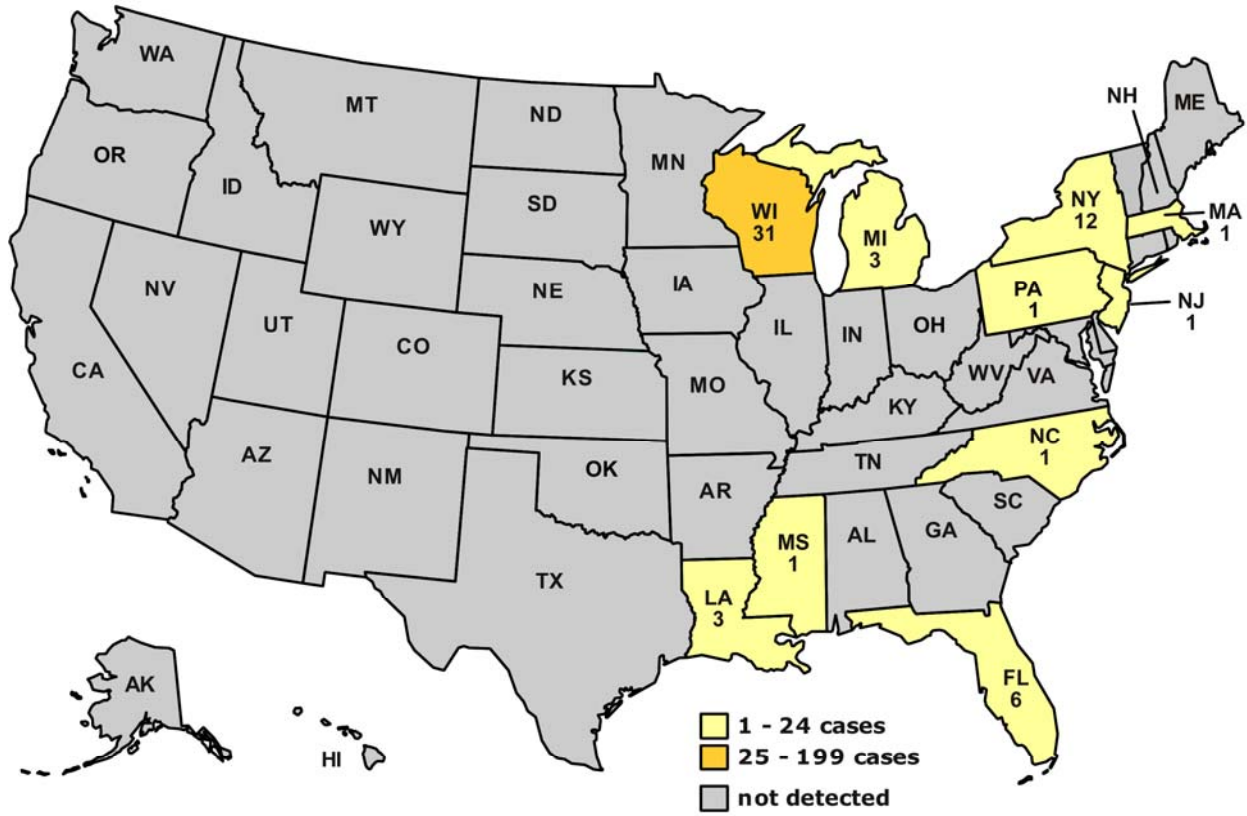


Figure 3. U.S. State distribution of 247 reported equine cases of eastern equine encephalitis in 2010

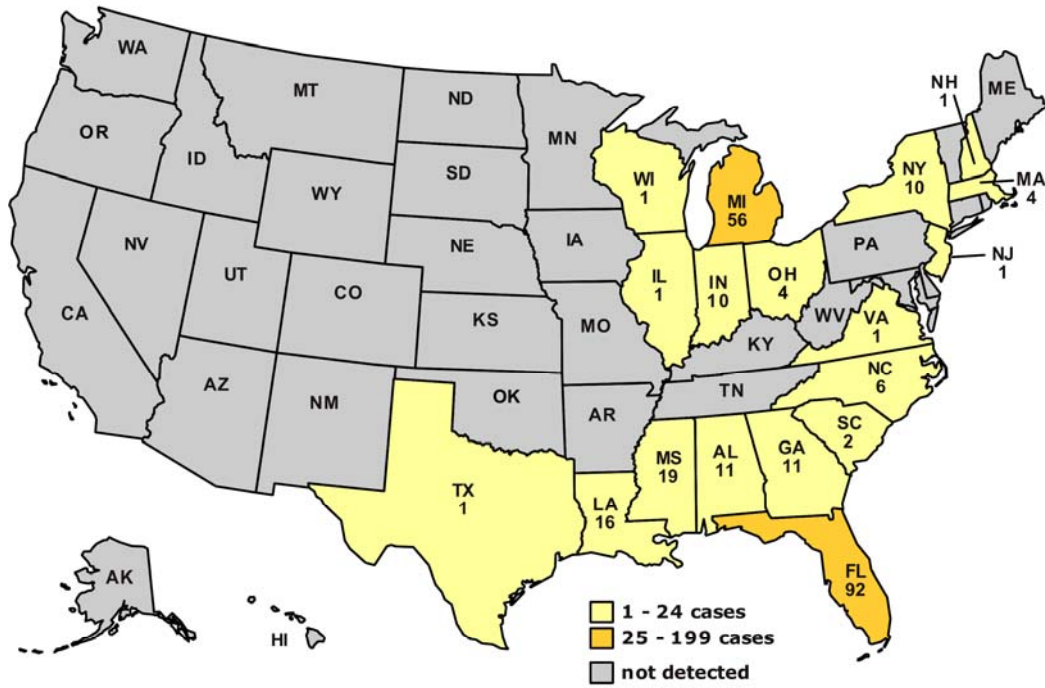


Figure 4. U.S. State distribution of 301 reported equine cases of eastern equine encephalitis in 2009

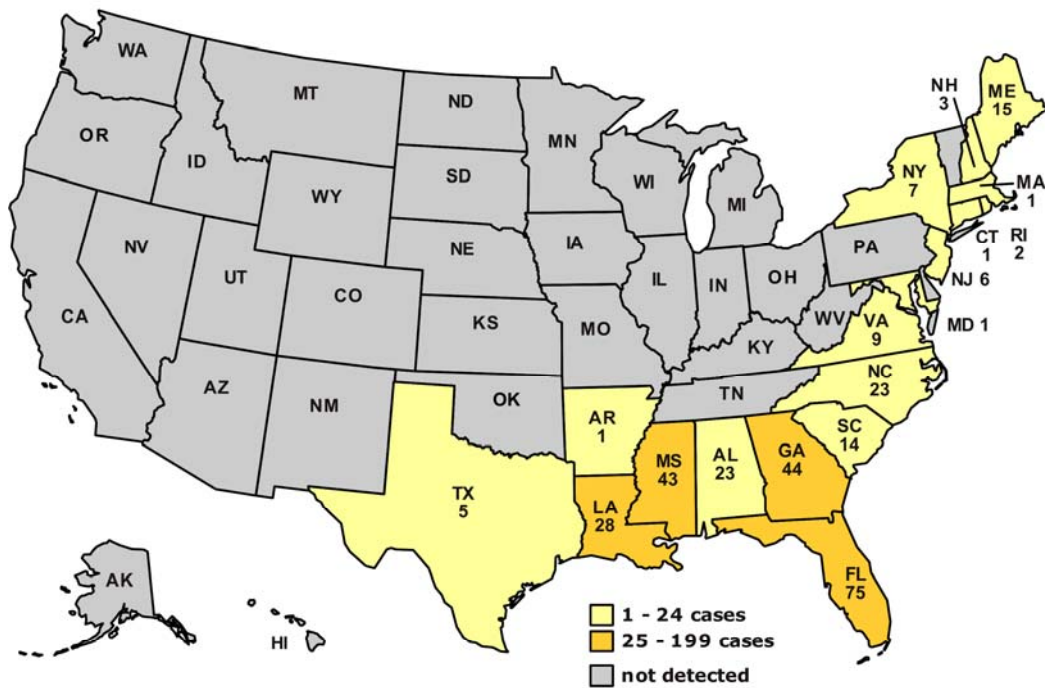


Figure 5. U.S. State distribution of 185 reported equine cases of eastern equine encephalitis in 2008

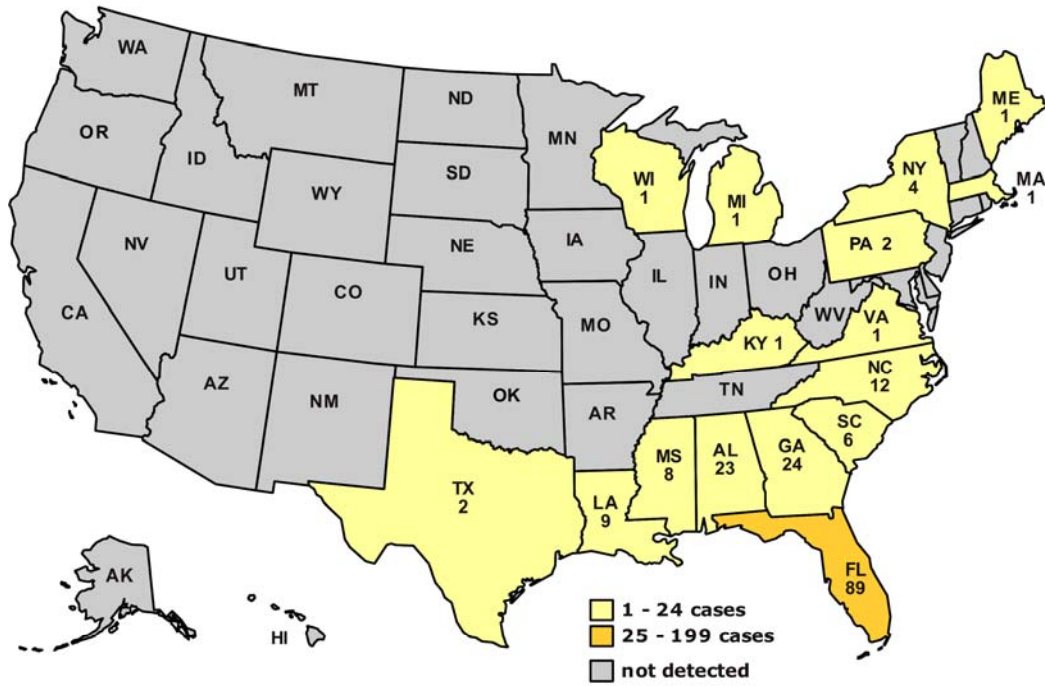


Figure 6. U.S. State distribution of 206 reported equine cases of eastern equine encephalitis in 2007

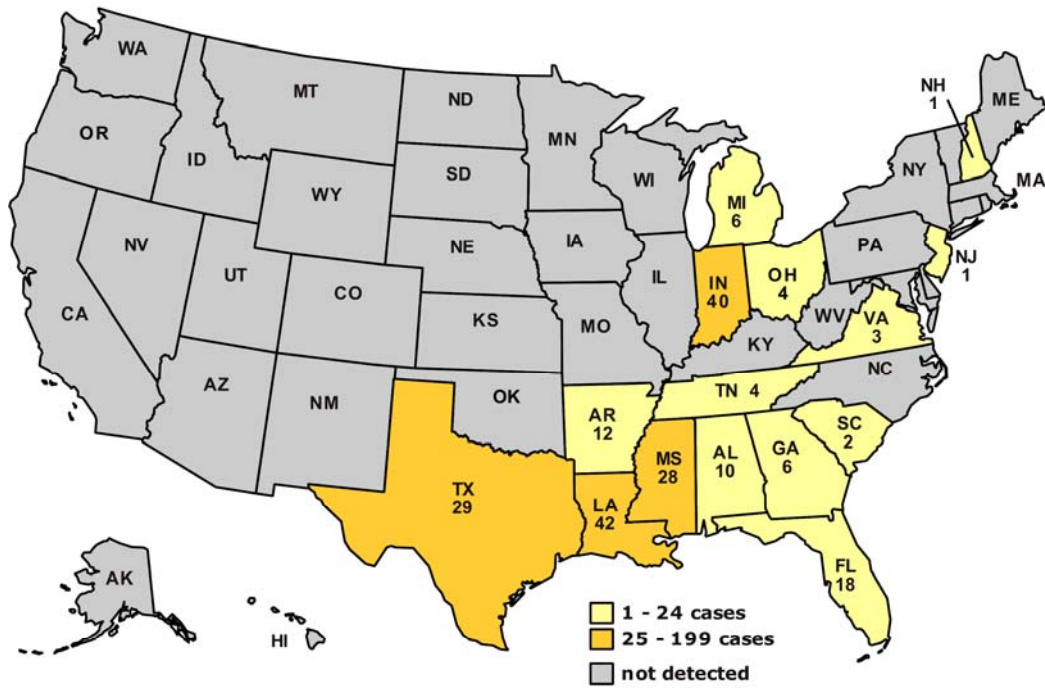


Figure 7. U.S. State distribution of 111 reported equine cases of eastern equine encephalitis in 2006

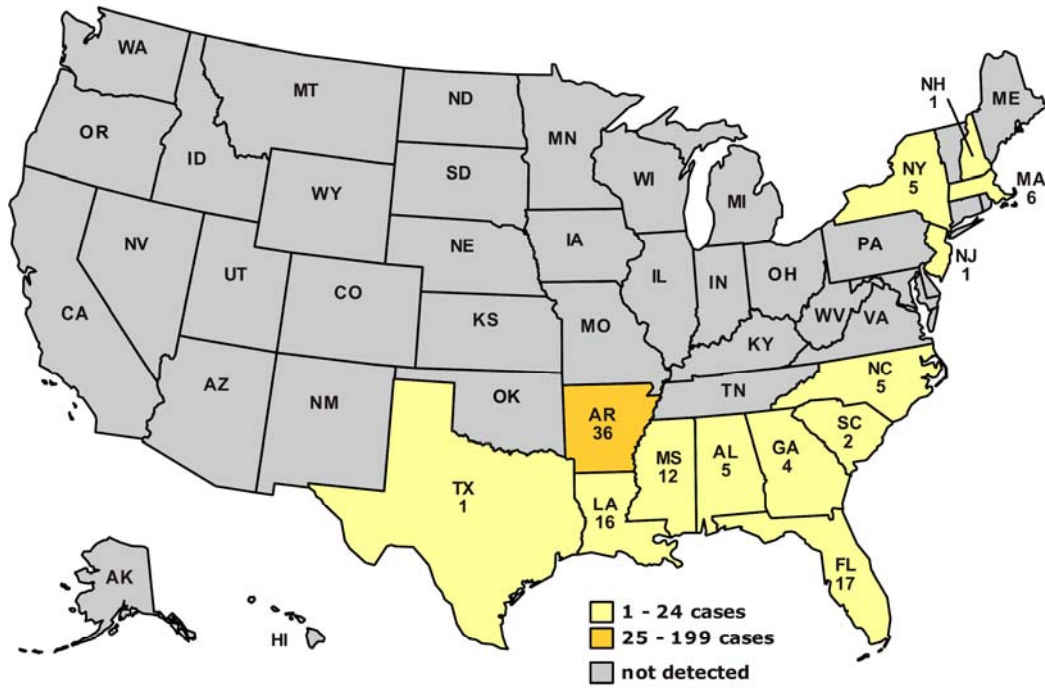


Figure 8. U.S. State distribution of 330 reported equine cases of eastern equine encephalitis in 2005

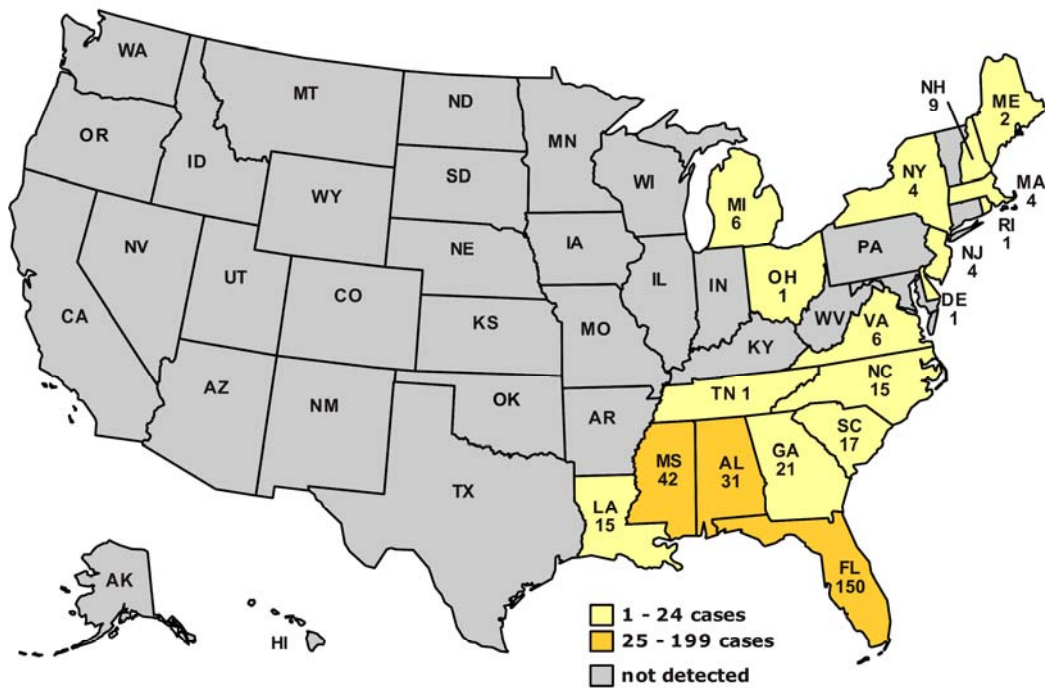


Figure 9. U.S. State distribution of 133 reported equine cases of eastern equine encephalitis in 2004

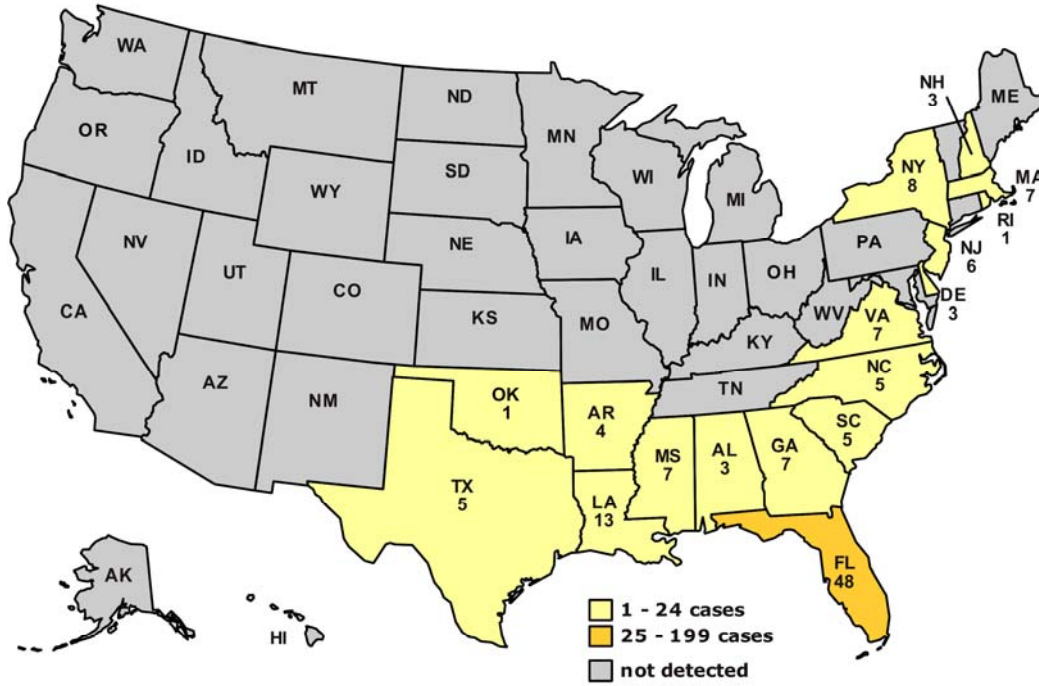


Figure 10. U.S. State distribution of 712 reported equine cases of eastern equine encephalitis cases in 2003

