



Animal and Plant  
Health Inspection  
Service

Veterinary  
Services

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# 2014 Summary of Eastern Equine Encephalitis Cases in the United States

January 1, 2014 – December 31, 2014

This report is a descriptive summary of U.S. Eastern equine encephalitis (EEE) cases reported to the United States Department of Agriculture (USDA) in 2014. The USDA Animal and Plant Health Inspection Service (APHIS) Veterinary Services (VS) branch collaborates with the U.S. Centers for Disease Control and Prevention (CDC) and State veterinary and public health officials to facilitate communication about arbovirus disease cases in horses and confirm equine cases in each State. CDC collects arbovirus case information using its ArboNET reporting system, an electronic surveillance and reporting system used to track and report arboviral activity in humans and animals. During the transmission season, VS disseminates the equine arbovirus case information to State animal health officials for confirmation and posts the number of confirmed cases to the USDA equine infectious anemia disease information website (<http://www.aphis.usda.gov/animal-health/equine-health>). This site also provides specific case definitions. In this document, 'reported cases' of EEE may include presumptive positive and confirmed positive cases.

In 2014, **136** equine cases of EEE were reported from 15 States. Figure 1 shows the annual number of equine EEE cases reported in the U.S. from 2003 through 2014. Figure 2 shows the number of equine EEE cases in each State in 2014, and Table 1 provides the number of cases per county or parish in those States in 2014. The maps in Figures 3-13 show the historic number of equine EEE cases reported in each State from 2003 through 2014.

**Figure 1. Reported U.S. equine cases of Eastern equine encephalitis, 2003-2014**

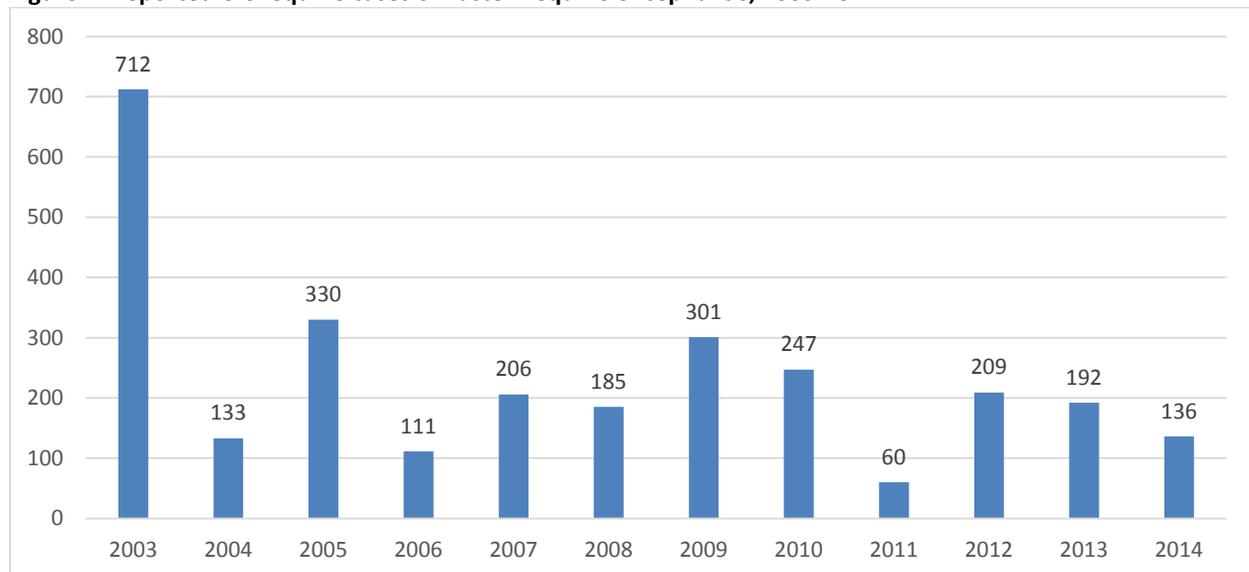


Figure 2. Distribution of reported equine EEE cases in 2014 (136 total cases)

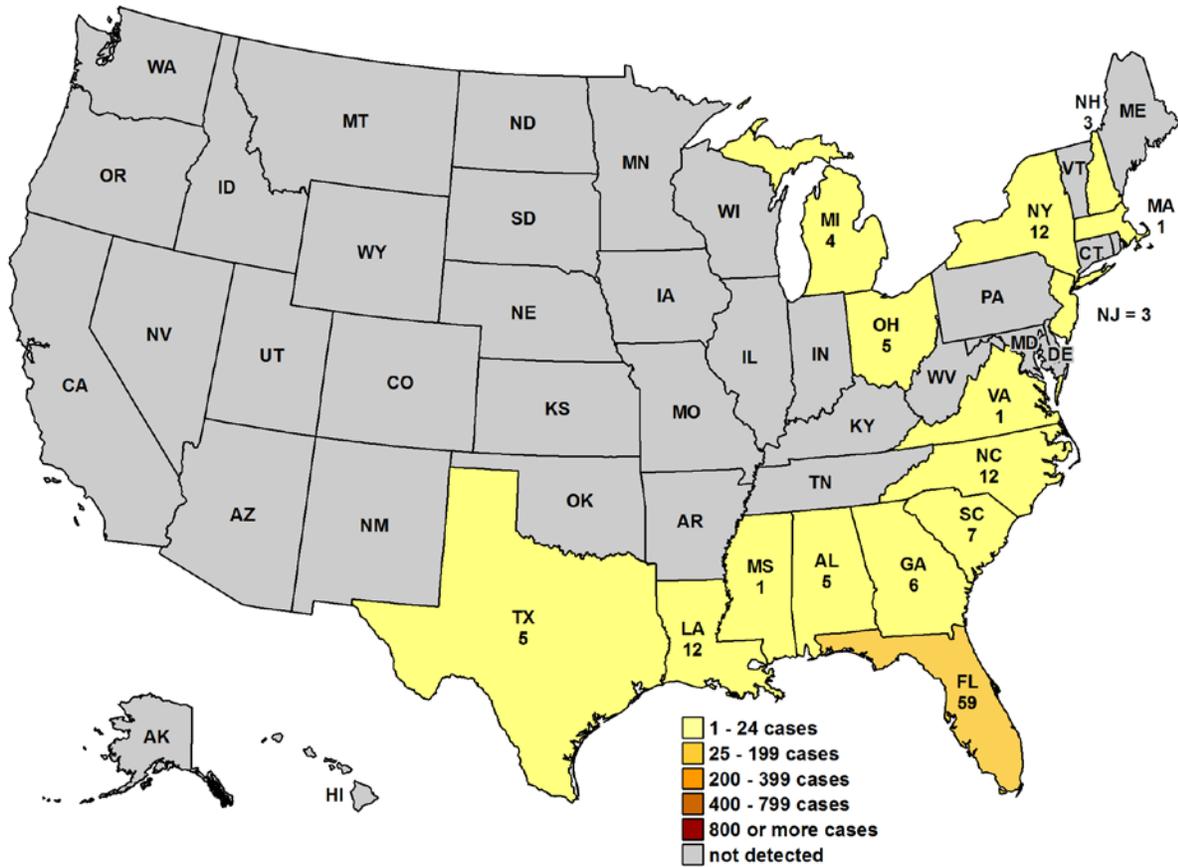


Table 1. Number of reported equine EEE cases by State and county, 2014

State	County	Eastern Equine Encephalitis Reported Cases
Alabama	Baldwin County	2
	Elmore County	1
	Escambia County	1
	Mobile County	1
<b>Total cases for Alabama</b>		<b>5</b>
Florida	Alachua County	3
	Baker County	3
	Bay County	2
	Clay County	6
	Columbia County	3
	Dixie County	1
	Escambia County	1
	Flagler County	2
	Gadsden County	1
	Gilchrist County	2

State	County	Eastern Equine Encephalitis Reported Cases
	Jackson County	1
	Jefferson County	2
	Lafayette County	1
	Levy County	6
	Marion County	9
	Okaloosa County	1
	Osceola County	2
	Pasco County	2
	Polk County	1
	Putman County	2
	Suwannee County	3
	Volusia County	3
	Washington County	2
<b>Total cases for Florida</b>		<b>59</b>
Georgia	Bulloch County	1
	Laurens County	1
	Lowndes County	2
	Wayne County	1
	Wilcox County	1
<b>Total cases for Georgia</b>		<b>6</b>
Louisiana	Acadia Parish	1
	Ascension Parish	1
	Avoyelles Parish	1
	Beauregard Parish	1
	Evangeline Parish	2
	Livingston Parish	2
	Vermilion Parish	4
<b>Total cases for Louisiana</b>		<b>12</b>
Massachusetts	Worcester County	1
<b>Total cases for Massachusetts</b>		<b>1</b>
Michigan	Lenawee County	3
	Oakland County	1
<b>Total cases for Michigan</b>		<b>4</b>
Mississippi	Webster County	1
<b>Total cases for Mississippi</b>		<b>1</b>
New Hampshire	Belknap County	1
	Rockingham County	2
<b>Total cases for New Hampshire</b>		<b>3</b>
New Jersey	Burlington County	1
	Gloucester County	1
	Ocean County	1
<b>Total cases for New Jersey</b>		<b>3</b>
New York	Madison County	1
	Oneida County	3

State	County	Eastern Equine Encephalitis Reported Cases
	Oswego County	3
	St. Lawrence County	1
	Wayne County	4
<b>Total cases for New York</b>		<b>12</b>
North Carolina	Bladen County	1
	Brunswick County	2
	Carteret County	3
	Lenoir County	1
	Martin County	1
	New Hanover County	1
	Onslow County	3
<b>Total cases for North Carolina</b>		<b>12</b>
Ohio	Ashtabula County	3
	Trumbull County	2
<b>Total cases for Ohio</b>		<b>5</b>
South Carolina	Charleston County	1
	Colleton County	1
	Darlington County	1
	Horry County	1
	Kershaw County	2
	Lexington County	1
<b>Total cases for South Carolina</b>		<b>7</b>
Texas	Cass County	1
	Hardin County	1
	Jefferson County	1
	Newton County	1
	Tyler County	1
<b>Total cases for Texas</b>		<b>5</b>
Virginia	Suffolk City	1
<b>Total cases for Virginia</b>		<b>1</b>
<b>Total Reported Eastern Equine Encephalitis Cases for the United States</b>		<b>136</b>

Figure 3. U.S. distribution of 192 reported equine cases of Eastern equine encephalitis in 2013

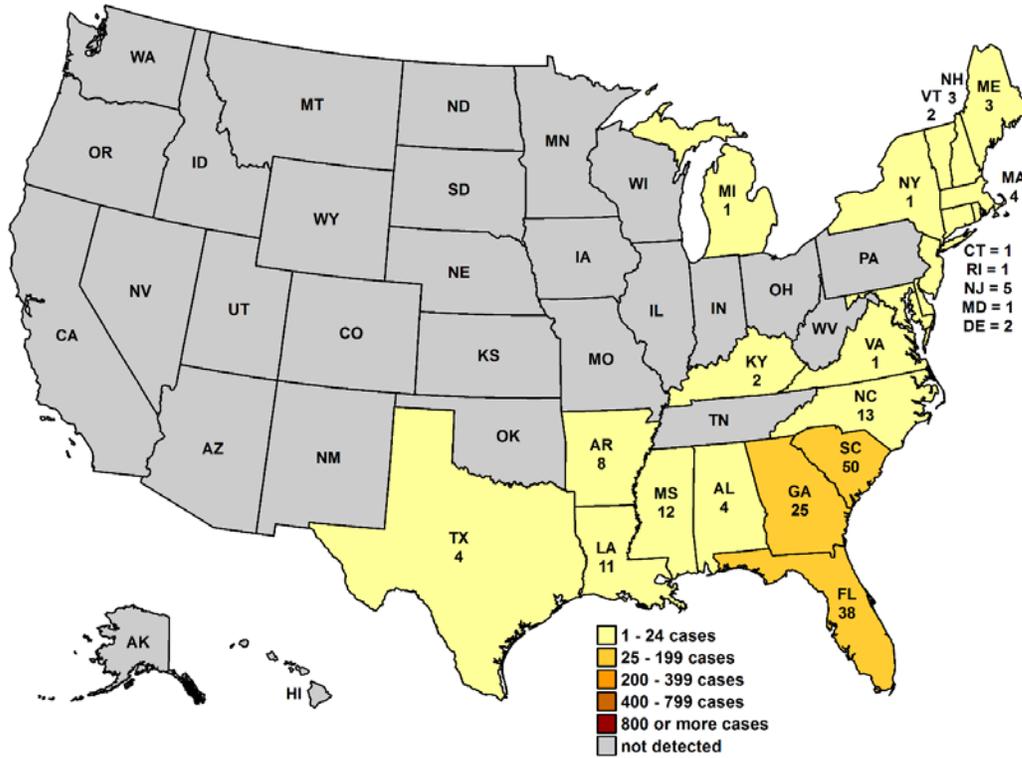


Figure 4. U.S. distribution of 209 reported equine cases of Eastern equine encephalitis in 2012

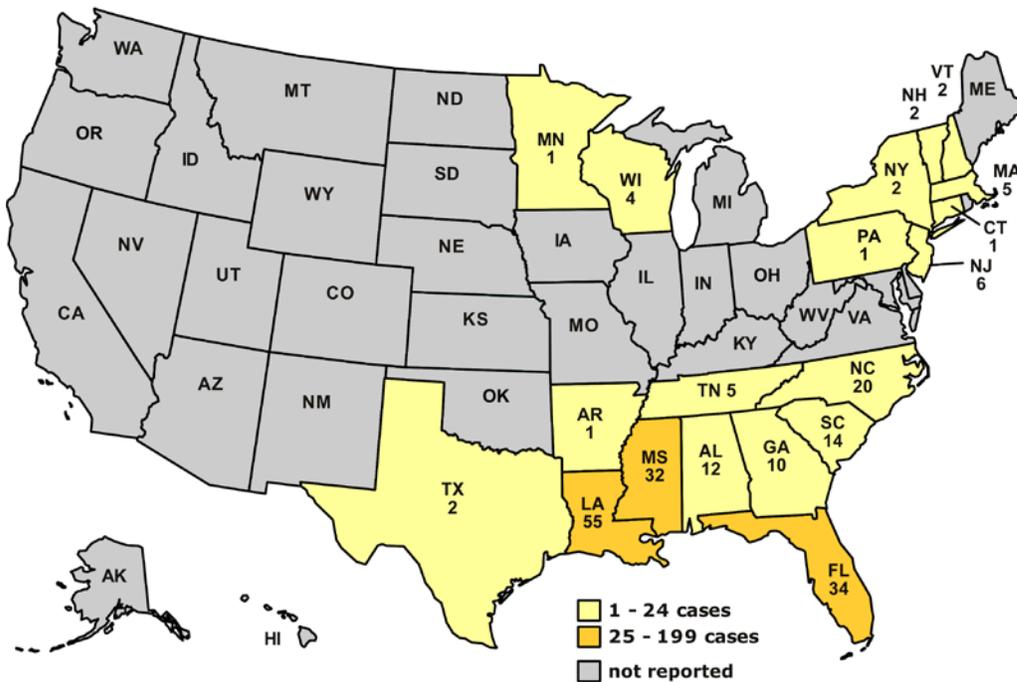


Figure 5. U.S. distribution of 60 reported equine cases of Eastern equine encephalitis in 2011

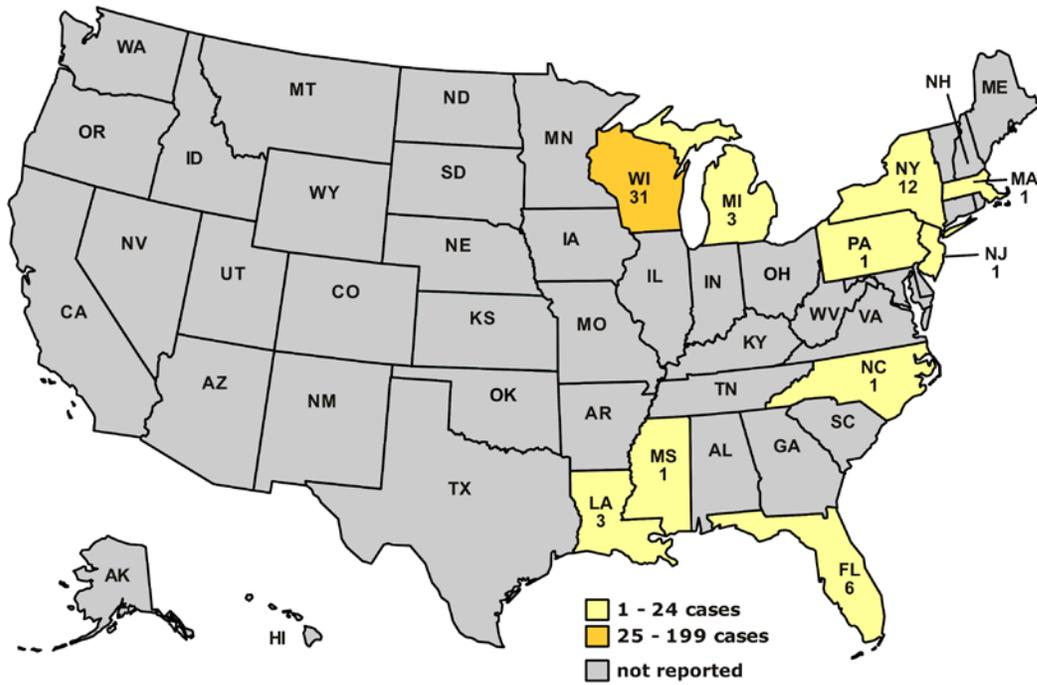


Figure 6. U.S. distribution of 247 reported equine cases of Eastern equine encephalitis in 2010

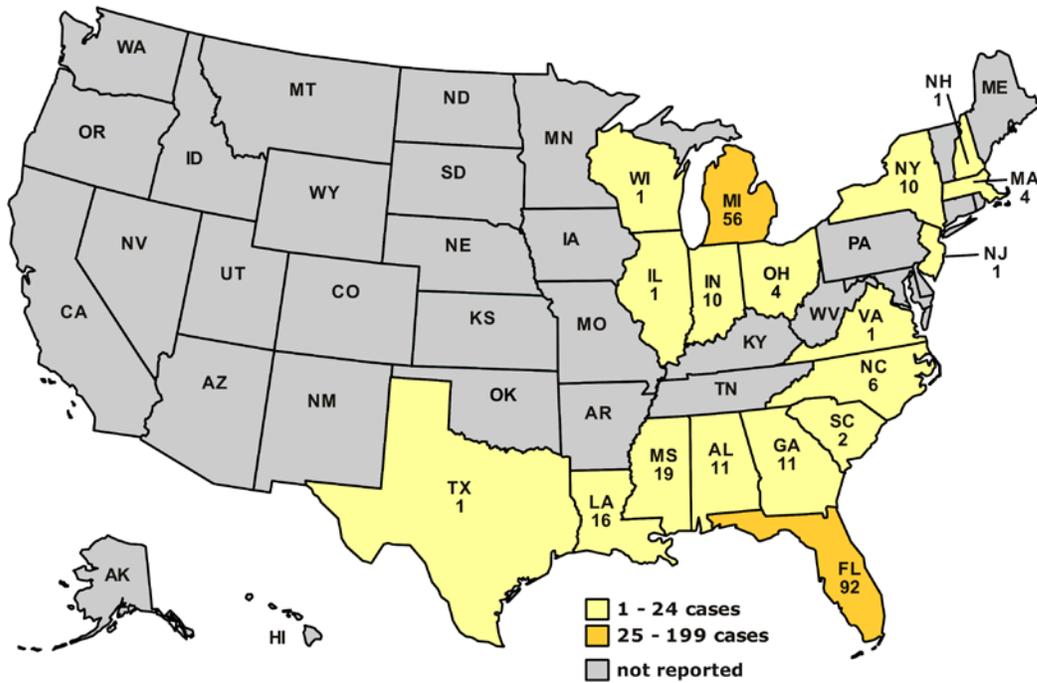


Figure 7. U.S. distribution of 301 reported equine cases of Eastern equine encephalitis in 2009

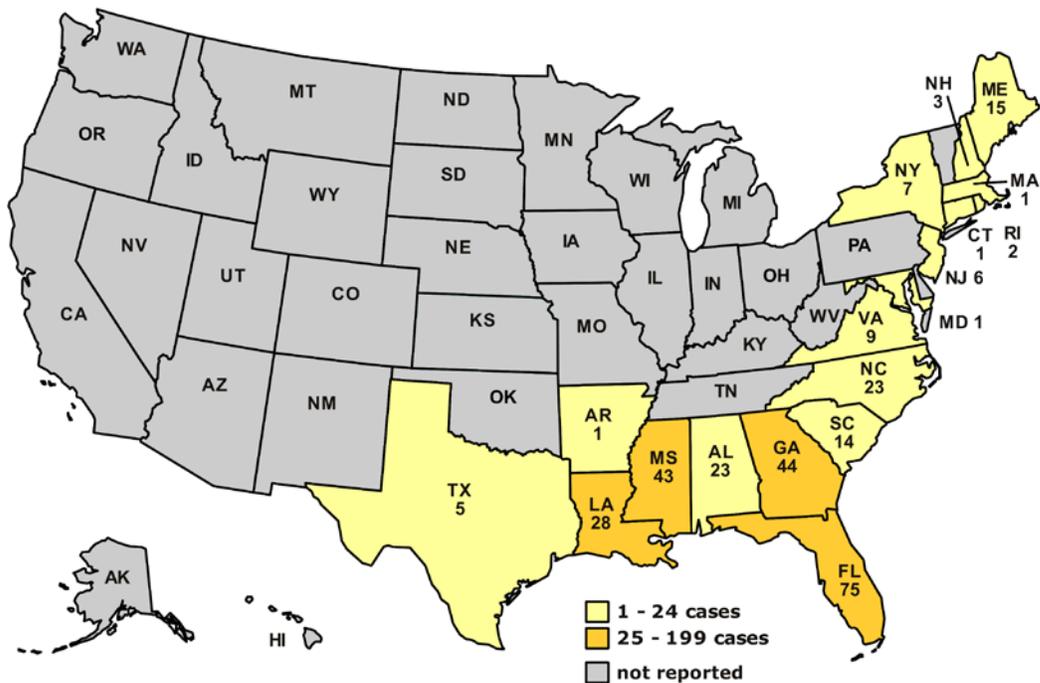


Figure 8. U.S. distribution of 185 reported equine cases of Eastern equine encephalitis in 2008

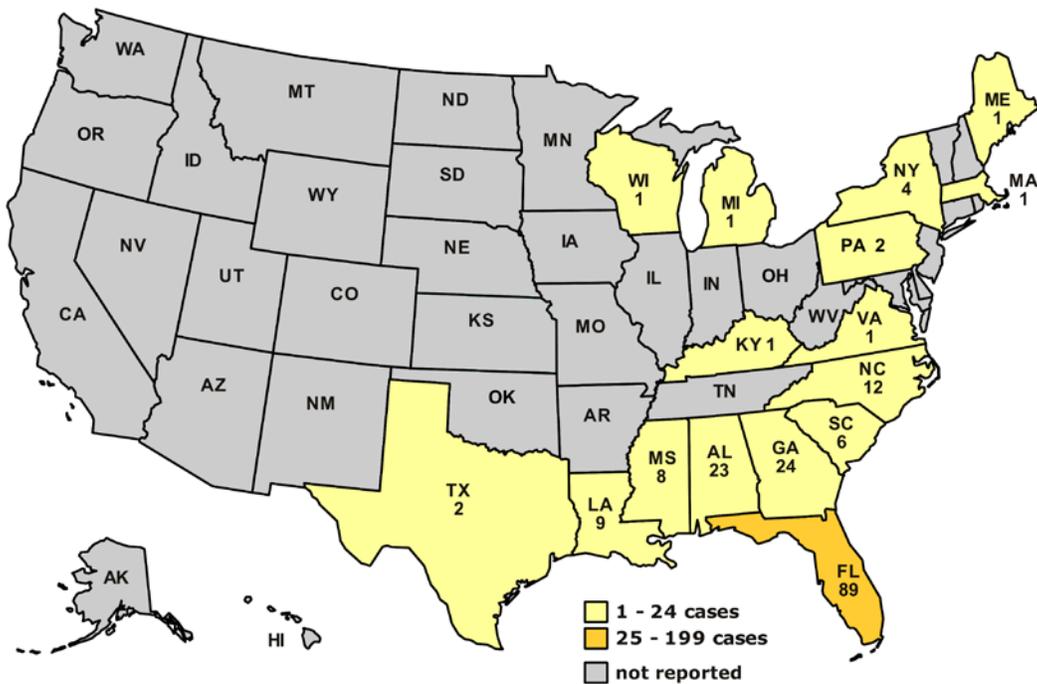




Figure 11. U.S. distribution of 330 reported equine cases of Eastern equine encephalitis in 2005

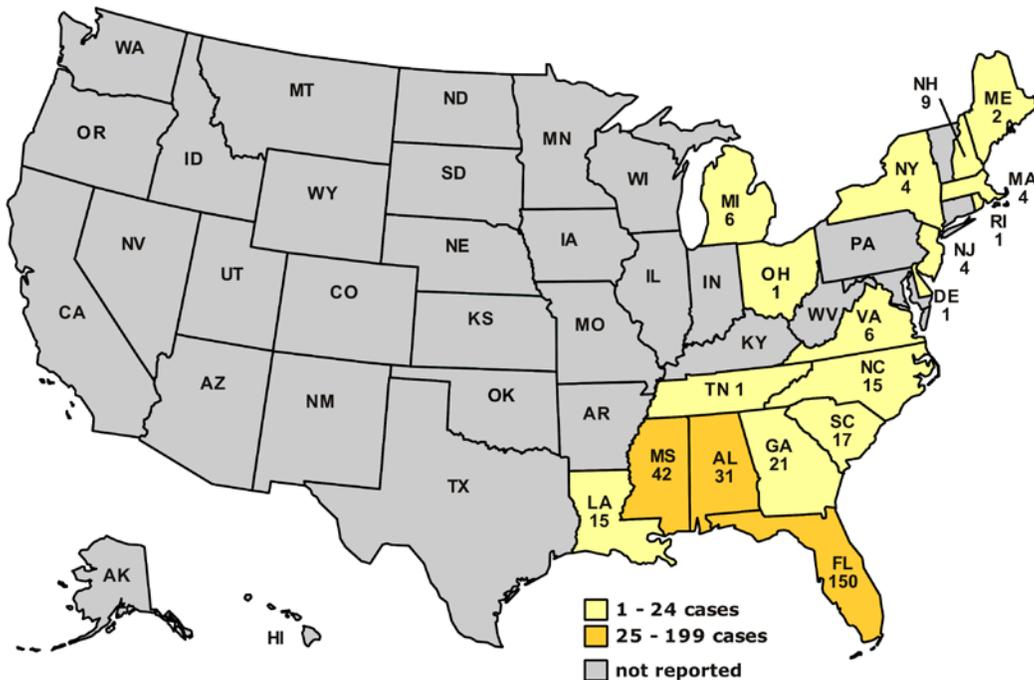


Figure 12. U.S. distribution of 133 reported equine cases of Eastern equine encephalitis in 2004

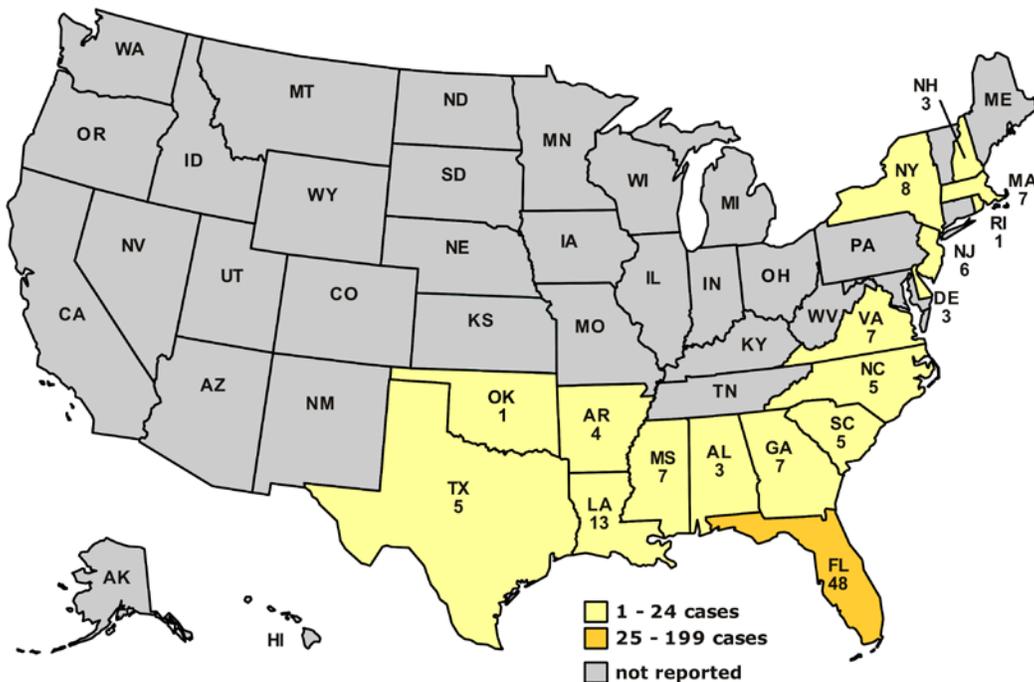


Figure 13. U.S. distribution of 712 reported equine cases of Eastern equine encephalitis cases in 2003

