



United States Department of Agriculture

Animal and Plant
Health Inspection
Service

Veterinary
Services

May 2014

2013 Summary of Eastern Equine Encephalitis Cases in the United States

January 1, 2013 – December 31, 2013

This report is a descriptive summary of U.S. Eastern equine encephalitis (EEE) cases reported to the United States Department of Agriculture (USDA) in 2013. The USDA Animal and Plant Health Inspection Service (APHIS) Veterinary Services (VS) 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 health website (<http://www.aphis.usda.gov/animal-health/equine-health>).

Specific case definitions are also provided on this site. In this document, 'reported cases' of EEE may include presumptive positive and confirmed positive cases.

In 2013, **192** equine cases of EEE were reported from 22 States. Figure 1 shows the annual number of equine EEE cases reported in the U.S. from 2003 through 2013. Figure 2 shows the number of equine EEE cases in each State in 2013, and Table 1 provides the number of cases per county or parish in those States in 2013. The maps in Figures 3-16 show the historic number of equine EEE cases reported in each State from 2003 through 2012.

Figure 1. Reported U.S. equine cases of Eastern equine encephalitis, 2003-2013

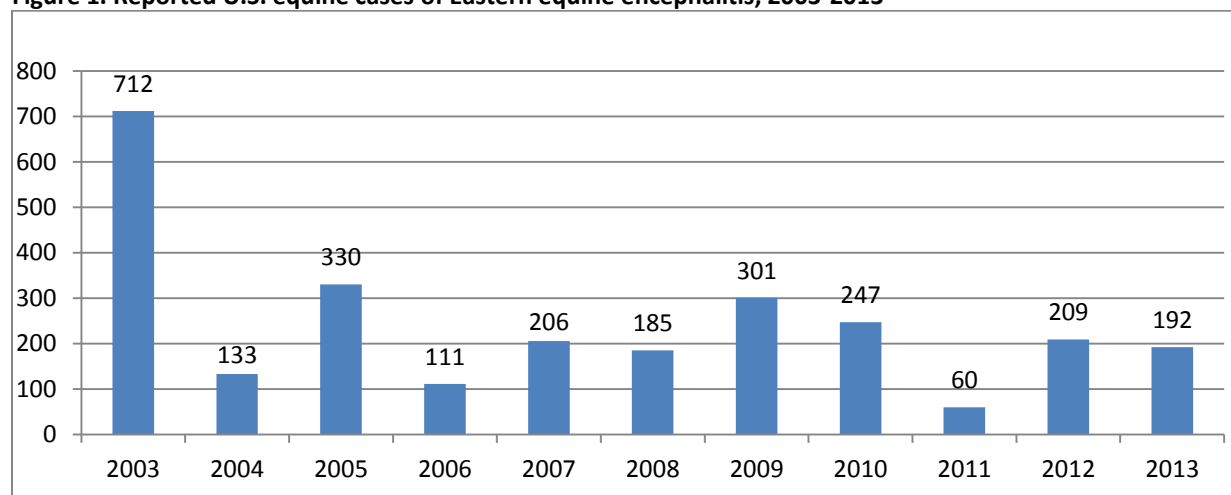


Figure 2. Distribution of reported equine EEE cases in 2013 (192 total cases)

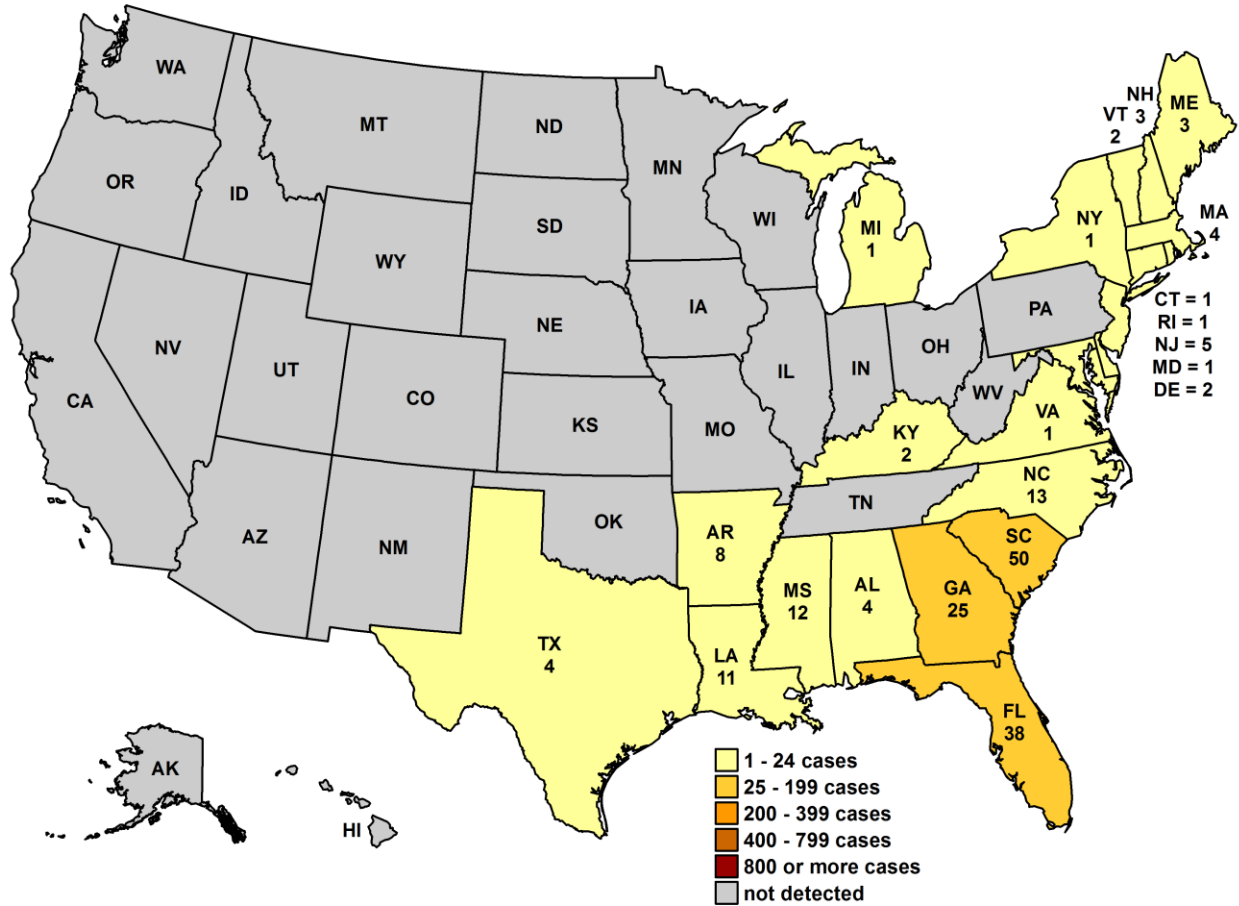


Table 1. Number of reported equine EEE cases by State and county, 2013

State	County	Eastern Equine Encephalitis Reported Cases
Alabama	Mobile County	4
Total cases for Alabama		4
Arkansas	Hot Spring County	2
	Little River County	2
	Pulaski County	4
Total cases for Arkansas		8
Connecticut	New London County	1
Total cases for Connecticut		1
Delaware	Sussex County	2
Total cases for Delaware		2
Florida	Alachua County	2
	Bay County	2
	Bradford County	2

State	County	Eastern Equine Encephalitis Reported Cases
	Clay County	1
	Columbia County	1
	Duval County	1
	Gadsden County	2
	Gilchrist County	6
	Hamilton County	1
	Hernando County	1
	Hillsborough County	1
	Indian River County	1
	Lake County	1
	Levy County	3
	Madison County	1
	Marion County	6
	Nassau County	1
	Pasco County	1
	Putnam County	2
	St. Johns County	1
	Suwannee County	1
Total cases for Florida		38
Georgia	Bacon County	1
	Berrien County	2
	Brooks County	2
	Bryan County	1
	Bulloch County	2
	Chatham County	1
	Chattooga County	1
	Crawford County	1
	Jenkins County	1
	Lee County	2
	Long County	1
	Lowndes County	2
	Pierce County	1
	Tattnall County	1
	Walton County	1
	Washington County	1
	Wayne County	3
	Wheeler County	1
Total cases for Georgia		25
Kentucky	Carlisle County	1
	Hart County	1
Total cases for Kentucky		2
Louisiana	Ascension Parish	2
	Evangeline Parish	1

		Eastern Equine Encephalitis
State	County	Reported Cases
	Jefferson Parish	1
	Livingston Parish	2
	Natchitoches Parish	1
	Sabine Parish	1
	St. John the Baptist	1
	St. Landry Parish	1
	St. Tammany Parish	1
	Total cases for Louisiana	11
Maine	Oxford County	1
	Somerset County	1
	York County	1
Total cases for Maine	3	
Maryland	Worcester County	1
Total cases for Maryland	1	
Massachusetts	Hampshire County	2
	Middlesex County	1
	Plymouth County	1
Total cases for Massachusetts	4	
Michigan	Van Buren County	1
Total cases for Michigan	1	
Mississippi	Clarke County	2
	George County	1
	Harrison County	1
	Jasper County	1
	Lamar County	1
	Lawrence County	1
	Madison County	1
	Neshoba County	1
	Pearl River County	1
	Perry County	1
	Wayne County	1
	Total cases for Mississippi	12
New Hampshire	Carroll County	1
	Rockingham County	2
Total cases for New Hampshire	3	
New Jersey	Camden County	1
	Cape May County	1
	Monmouth County	1
	Ocean County	1
	Salem County	1
Total cases for New Jersey	5	
New York	Chautauqua County	1
Total cases for New York	1	
North Carolina	Bladen County	1

State	County	Eastern Equine Encephalitis Reported Cases
	Brunswick County	1
	Columbus County	1
	Cumberland County	6
	Pender County	3
	Sampson County	1
Total cases for North Carolina		13
Rhode Island	Washington County	1
Total cases for Rhode Island		1
South Carolina	Aiken County	3
	Bamberg County	1
	Barnwell County	3
	Berkeley County	4
	Charleston County	3
	Clarendon County	2
	Colleton County	1
	Darlington County	1
	Dorchester County	5
	Florence County	1
	Georgetown County	1
	Horry County	10
	Jasper County	1
	Kershaw County	1
	Lee County	3
	Lexington County	1
	Marion County	2
	Orangeburg County	1
	Richland County	1
	Sumter County	4
	Williamsburg County	1
Total cases for South Carolina		50
Texas	Jasper County	1
	Jefferson County	1
	San Jacinto County	1
	Titus County	1
Total cases for Texas		4
Vermont	Franklin County	2
Total cases for Vermont		2
Virginia	Prince George County	1
Total cases for Virginia		1
Total Reported Eastern Equine Encephalitis Cases for the United States		192

Figure 3. U.S. distribution of 209 reported equine cases of Eastern equine encephalitis in 2012

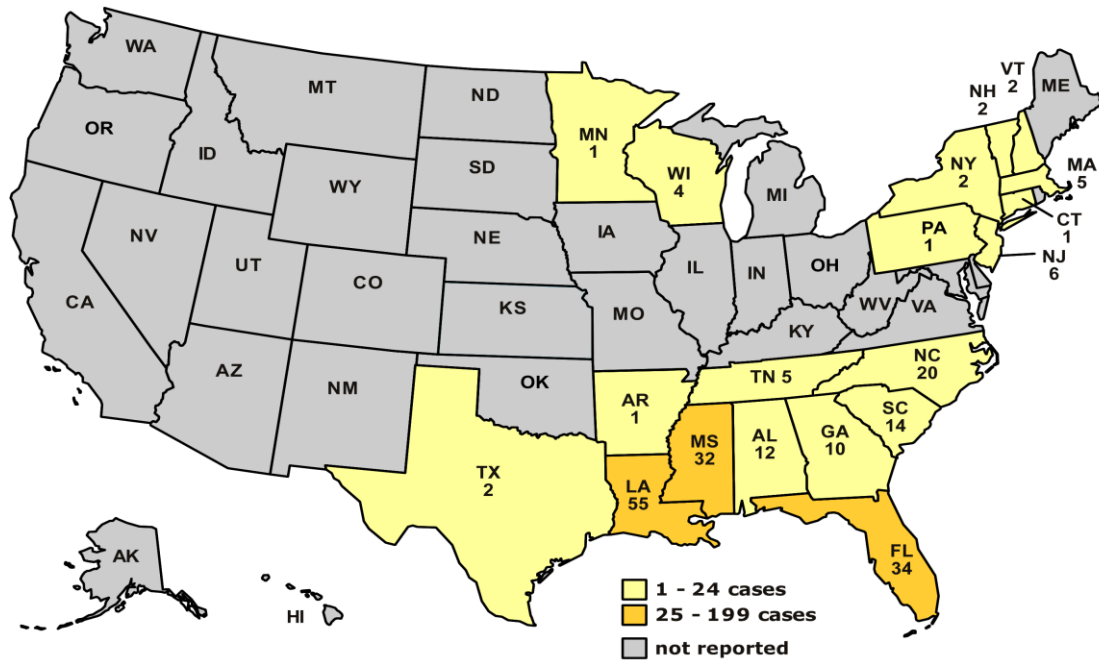


Figure 4. U.S. distribution of 60 reported equine cases of Eastern equine encephalitis in 2011

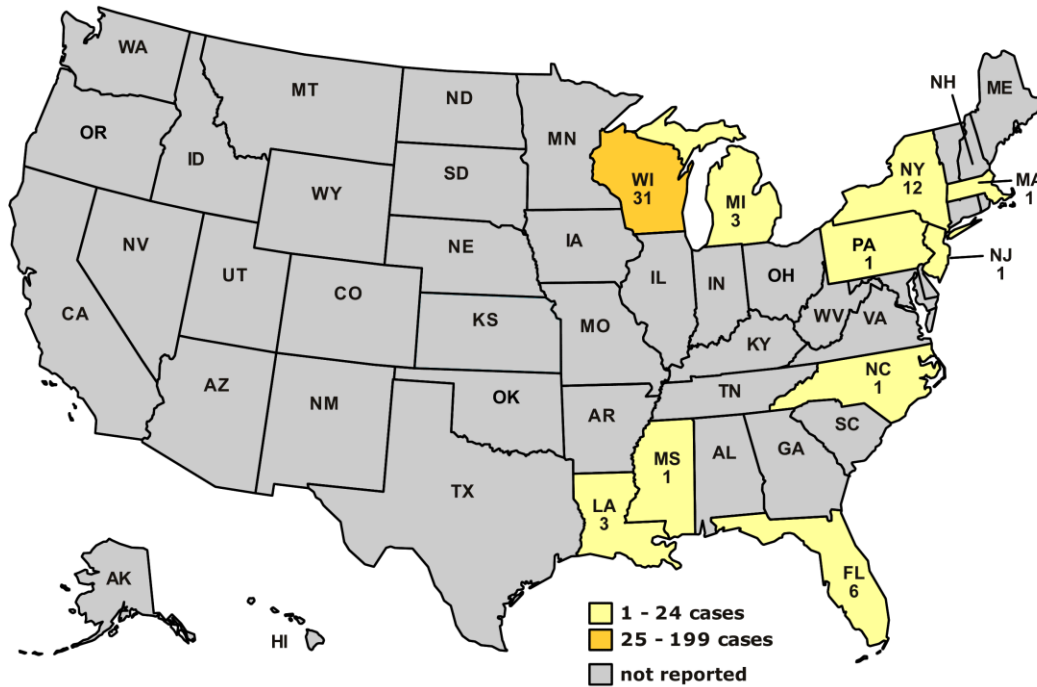


Figure 5. U.S. distribution of 247 reported equine cases of Eastern equine encephalitis in 2010

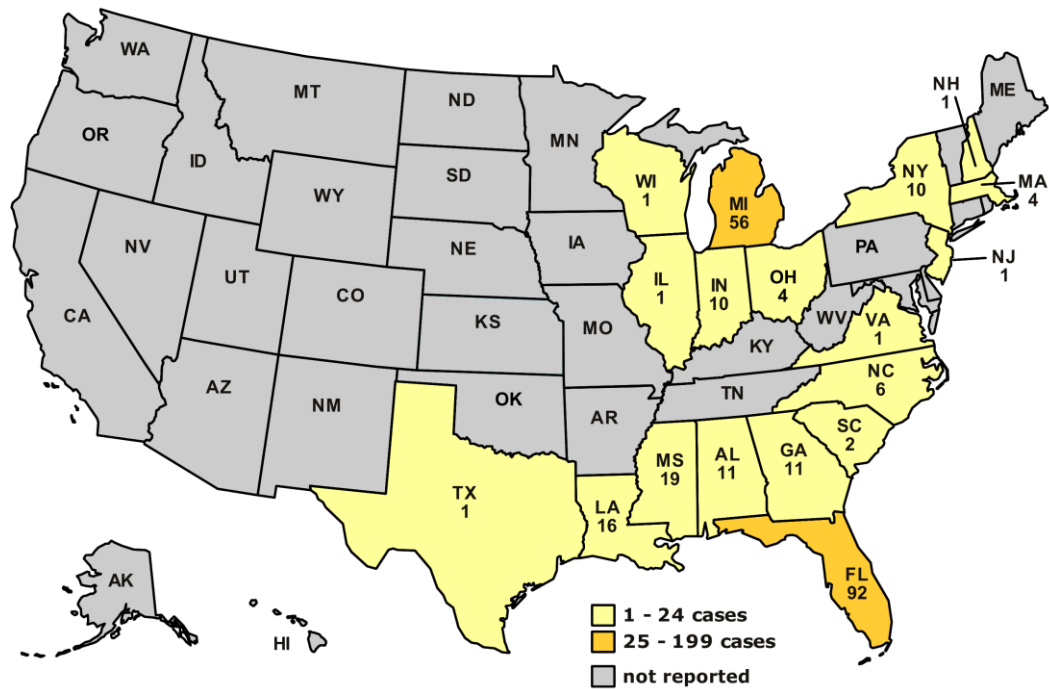


Figure 6. U.S. distribution of 301 reported equine cases of Eastern equine encephalitis in 2009

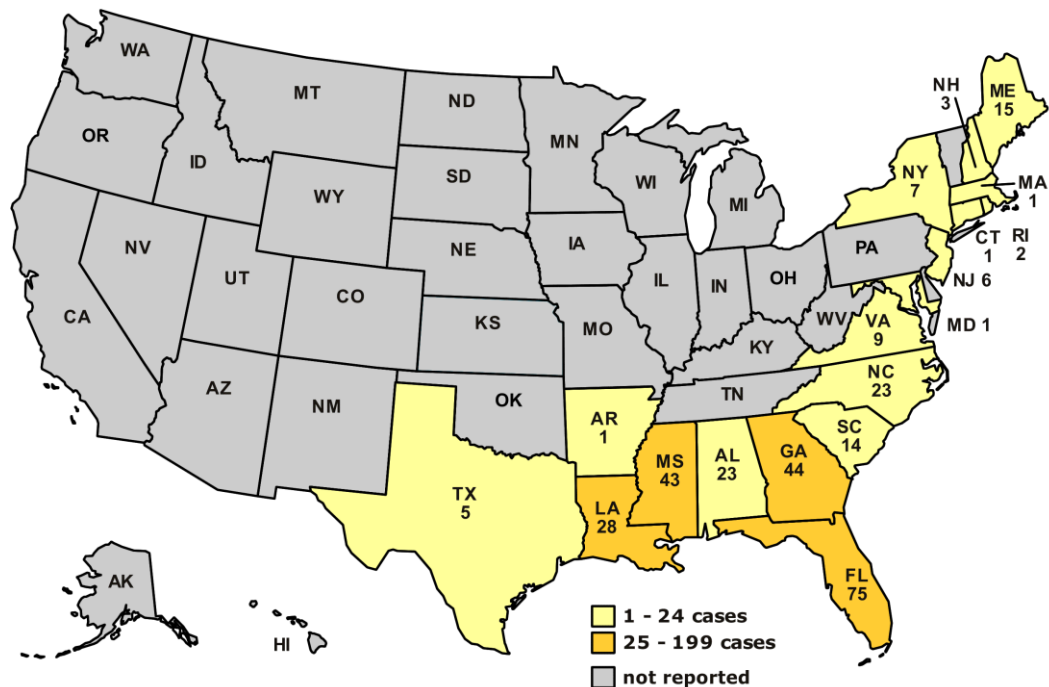


Figure 7. U.S. distribution of 185 reported equine cases of Eastern equine encephalitis in 2008

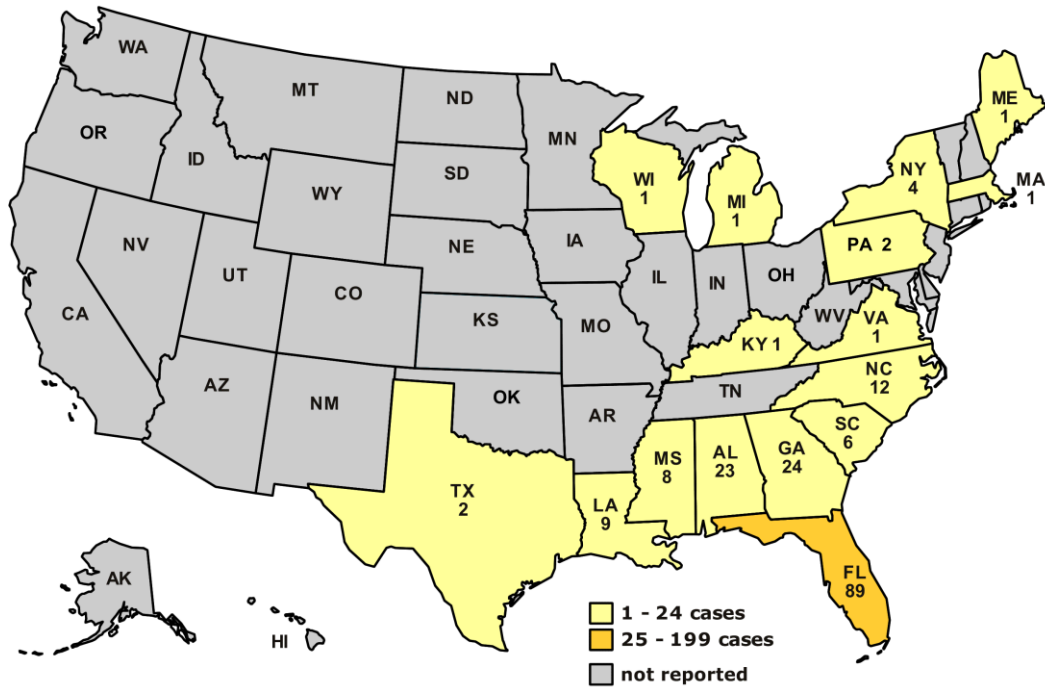


Figure 8. U.S. distribution of 206 reported equine cases of Eastern equine encephalitis in 2007

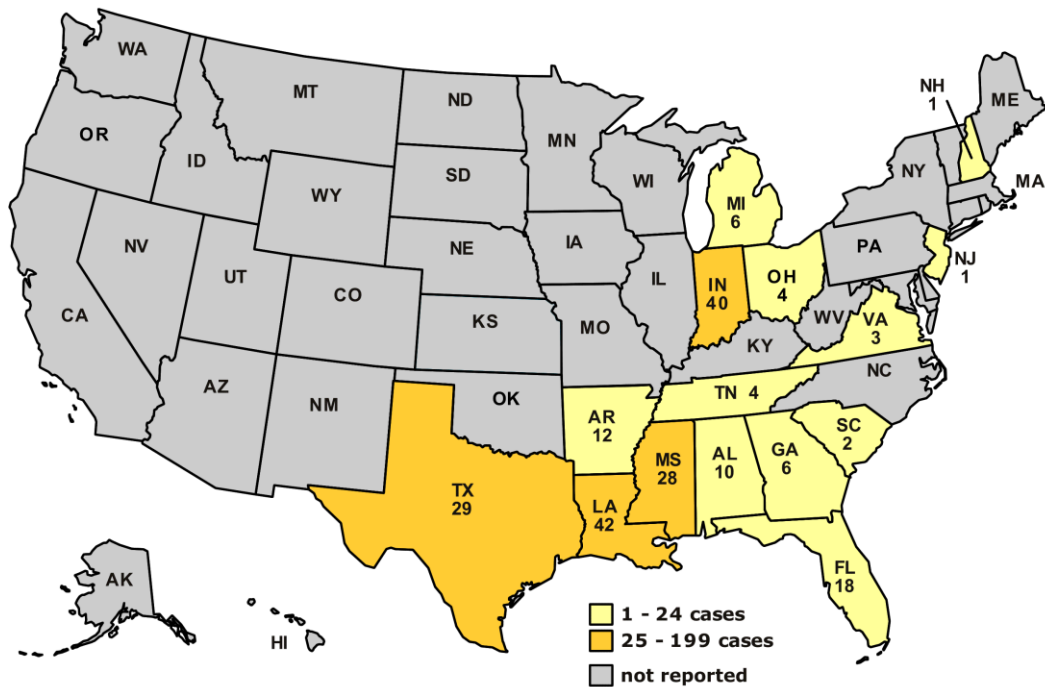


Figure 9. U.S. distribution of 111 reported equine cases of Eastern equine encephalitis in 2006

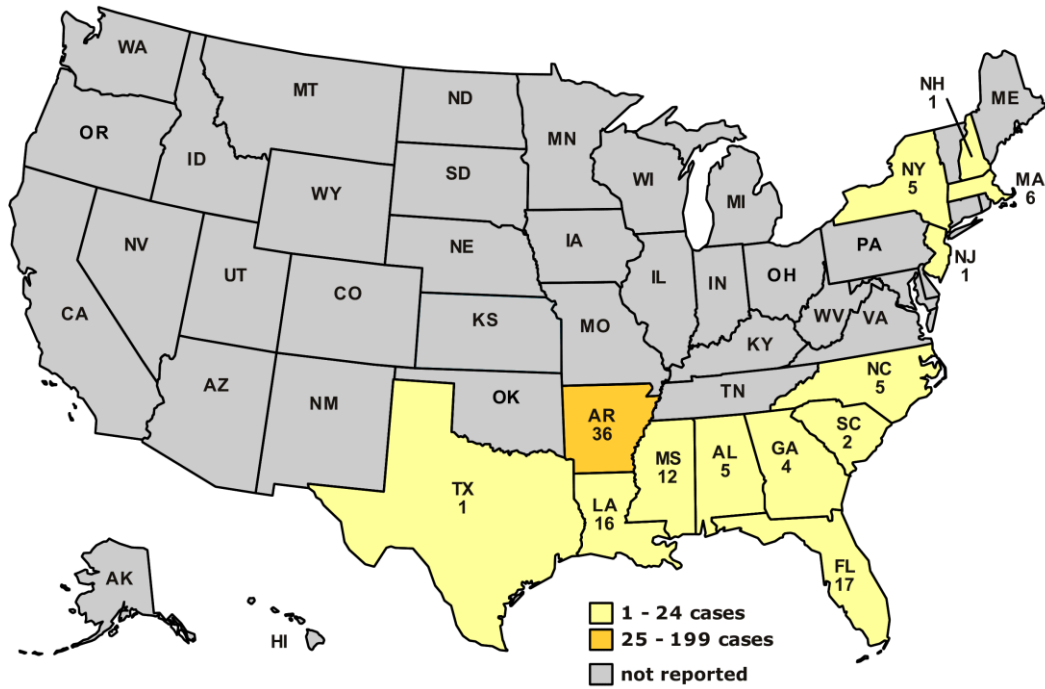


Figure 10. U.S. distribution of 330 reported equine cases of Eastern equine encephalitis in 2005

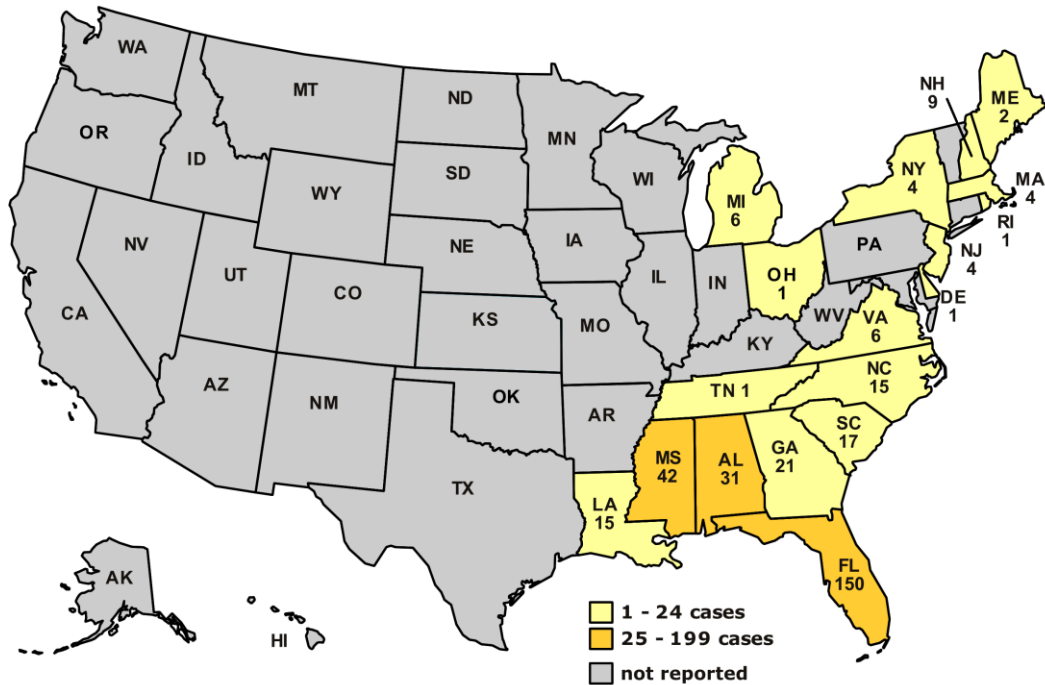


Figure 11. U.S. distribution of 133 reported equine cases of Eastern equine encephalitis in 2004

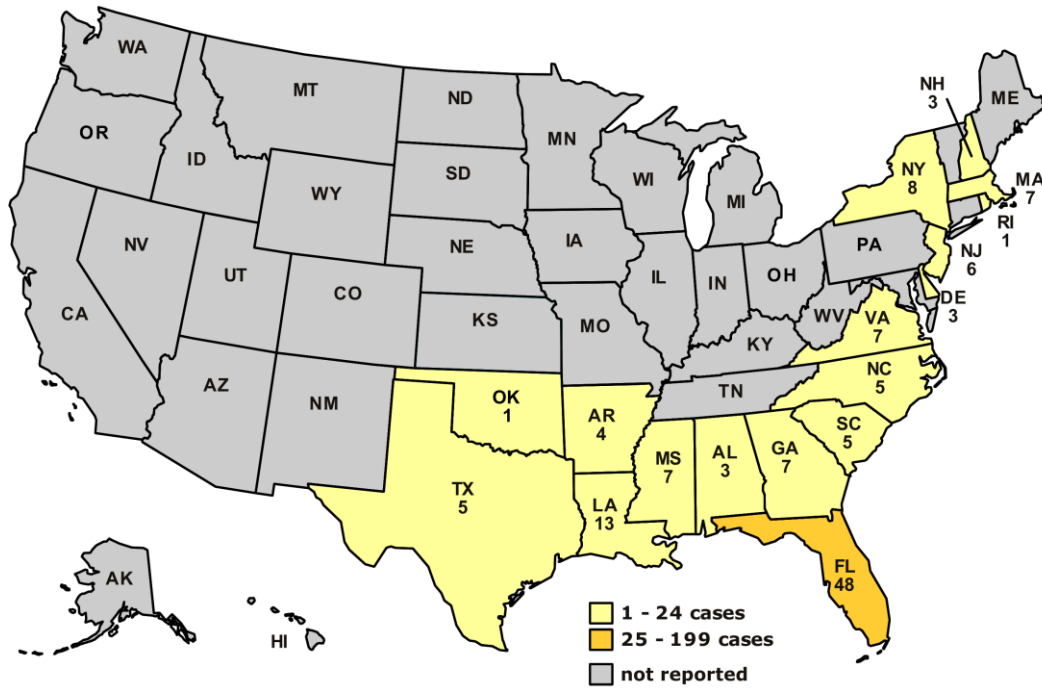


Figure 12. U.S. distribution of 712 reported equine cases of Eastern equine encephalitis cases in 2003

