
2012 SUMMARY OF EASTERN EQUINE ENCEPHALITIS EQUINE CASES IN THE UNITED STATES

UNITED STATES DEPARTMENT OF AGRICULTURE – ANIMAL AND PLANT HEALTH INSPECTION SERVICE – VETERINARY SERVICES

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This report is a descriptive summary of U.S. Eastern equine encephalitis (EEE) cases reported to the United States Department of Agriculture (USDA) in 2012. 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 case to the USDA equine health Web site (<http://www.aphis.usda.gov/vs/nahss/equine/>). 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 2012, **209** equine cases of EEE were reported from 19 States. Figure 1 shows the annual number of equine EEE cases reported in the U.S. from 2003 through 2012. Figure 2 shows the number of equine EEE cases in each State in 2012, and Table 1 provides the number of cases per county or parish in those States in 2012. The maps in Figures 3-15 show the historic number of equine EEE cases reported in each State from 2003 through 2011.

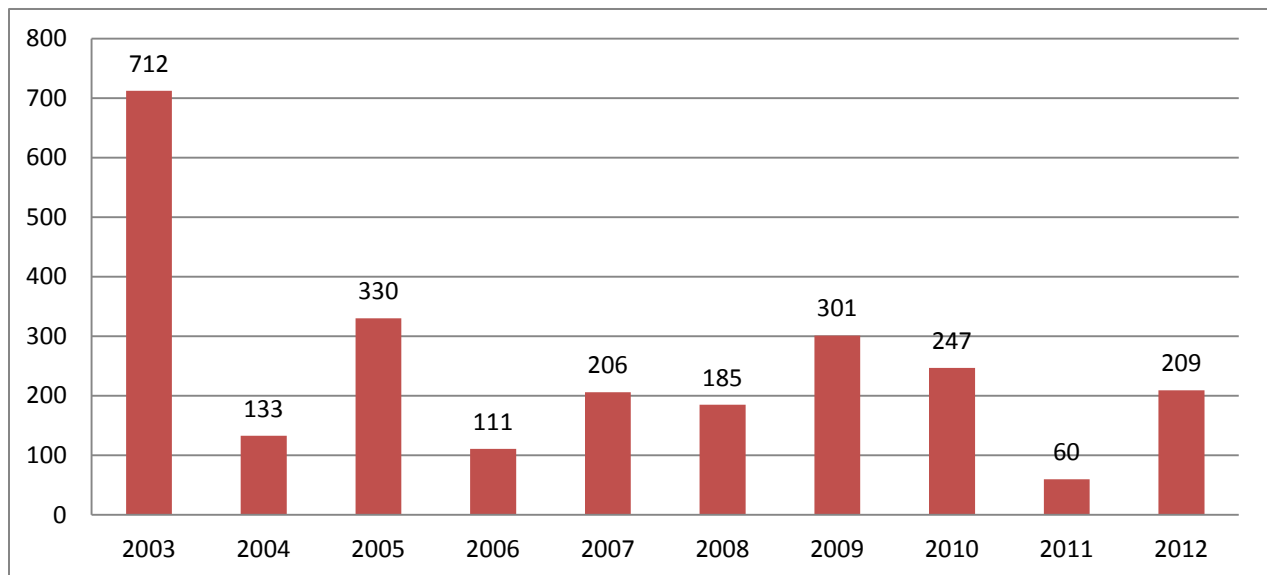


Figure 1. Reported U.S. equine cases of Eastern equine encephalitis, 2003-2012

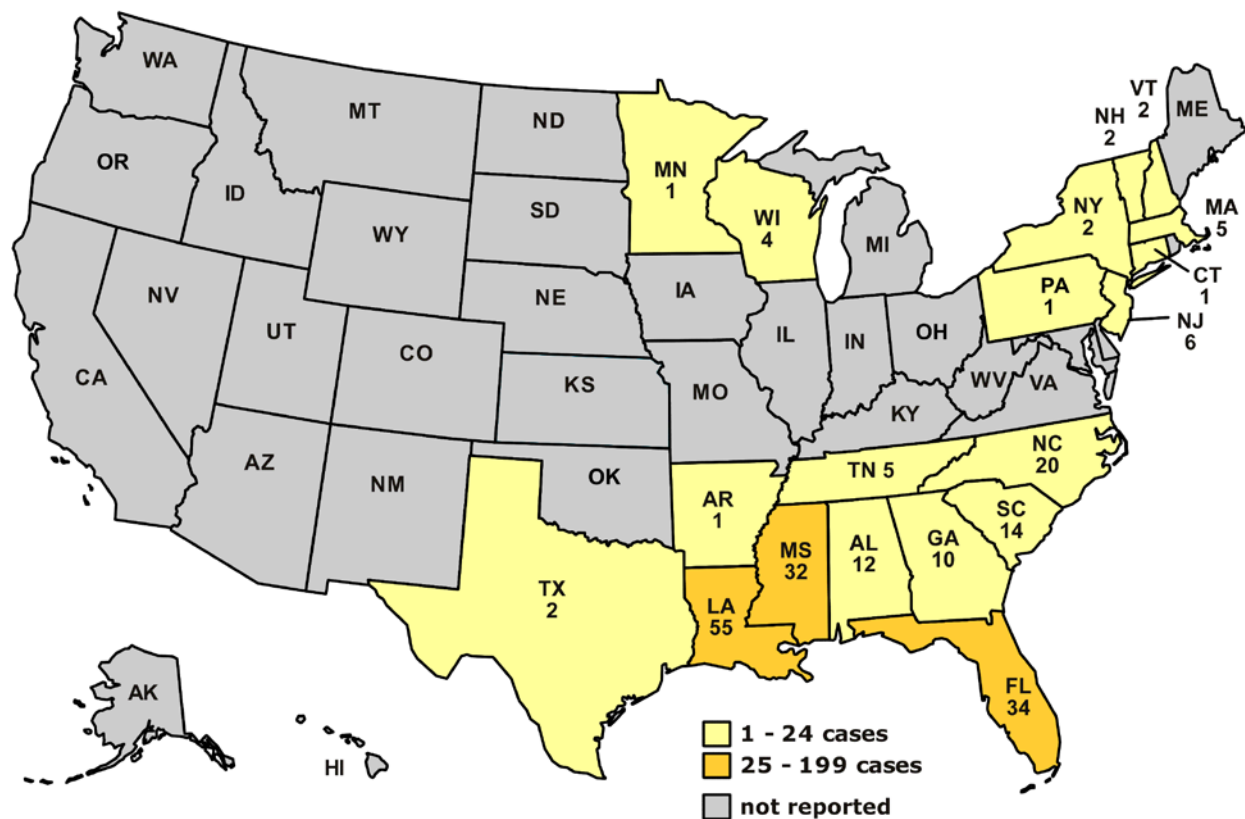


Figure 2. Distribution of reported equine EEE cases in 2012 (209 total cases)

Table 1. Number of reported equine EEE cases by State and county, 2012

State	County	Eastern Equine Encephalitis Reported Cases
Alabama	Choctaw County	1
	Dallas County	4
	Elmore County	1
	Houston County	1
	Marion County	1
	Mobile County	3
	Montgomery County	1
	Total cases for Alabama	12
Arkansas	Chicot County	1
Total cases for Arkansas		1
Connecticut	New London County	1
Total cases for Connecticut		1

State	County	Eastern Equine Encephalitis Reported Cases
Florida	Alachua County	1
	Baker County	1
	Clay County	1
	Gadsden County	1
	Glades County	2
	Gulf County	1
	Holmes County	4
	Jackson County	1
	Jefferson County	1
	Leon County	5
	Levy County	2
	Liberty County	1
	Manatee County	1
	Nassau County	1
	Osceola County	1
	Palm Beach County	1
	Putnam County	1
	Santa Rosa County	2
	Union County	1
	Wakulla County	4
	Washington County	1
Total cases for Florida		34
Georgia	Brantley County	1
	Bulloch County	1
	Candler County	1
	Coffee County	2
	Johnson County	1
	Lanier County	1
	Pierce County	1
	Thomas County	1
	Wayne County	1
Total cases for Georgia		10
Louisiana	Acadia Parish	3
	Allen Parish	1
	Ascension Parish	1
	Assumption Parish	1
	Bossier Parish	1
	Calcasieu Parish	2
	Cameron Parish	2
	East Feliciana Parish	1
	Evangeline Parish	5
	Franklin Parish	1
	Iberia Parish	2
	Jefferson Davis Parish	3

State	County	Eastern Equine Encephalitis Reported Cases
Louisiana	Lafayette Parish	1
	Livingston Parish	1
	Natchitoches Parish	1
	Ouachita Parish	1
	Rapides Parish	5
	Richland Parish	3
	Sabine Parish	1
	Tangipahoa Parish	1
	Terrebonne Parish	5
	Vermilion Parish	10
	Washington Parish	2
	West Carroll Parish	1
	Total cases for Louisiana	
Massachusetts	Essex County	2
	Hampshire County	1
	Plymouth County	2
Total cases for Massachusetts		5
Minnesota	Chisago County	1
Total cases for Minnesota		1
Mississippi	Alcorn County	2
	Clarke County	1
	George County	3
	Greene County	1
	Hancock County	1
	Harrison County	1
	Jackson County	5
	Jones County	2
	Lamar County	5
	Lauderdale County	2
	Leake County	1
	Leflore County	1
	Madison County	2
	Marion County	1
	Neshoba County	1
	Sunflower County	1
	Tate County	1
	Tishomingo County	1
	Total cases for Mississippi	
North Carolina	Bladen County	2
	Brunswick County	1
	Carteret County	1
	Columbus County	1
	Cumberland County	1
	Durham County	1
	Harnett County	1

State	County	Eastern Equine Encephalitis Reported Cases
	Onslow County	1
	Pitt County	1
	Richmond County	2
	Robeson County	3
	Sampson County	5
Total cases for North Carolina		20
New Hampshire	Rockingham County	1
	Strafford County	1
Total cases for New Hampshire		2
New Jersey	Atlantic County	1
	Burlington County	2
	Camden County	3
Total cases for New Jersey		6
New York	St. Lawrence County	1
	Westchester County	1
Total cases for New York		2
Pennsylvania	Luzerne County	1
Total cases for Pennsylvania		1
South Carolina	Aiken County	1
	Beaufort County	1
	Colleton County	1
	Darlington County	3
	Florence County	1
	Horry County	4
	Kershaw County	1
	Marion County	1
	Marlboro County	1
Total cases for South Carolina		14
Tennessee	Carroll County	5
Total cases for Tennessee		5
Texas	Hardin County	1
	Orange County	1
Total cases for Texas		2
Vermont	Addison County	1
	Rutland County	1
Total cases for Vermont		2
Wisconsin	Clark County	2
	Lincoln County	1
	Polk County	1
Total cases for Wisconsin		4
Total Reported Eastern Equine Encephalitis Cases for the United States		209

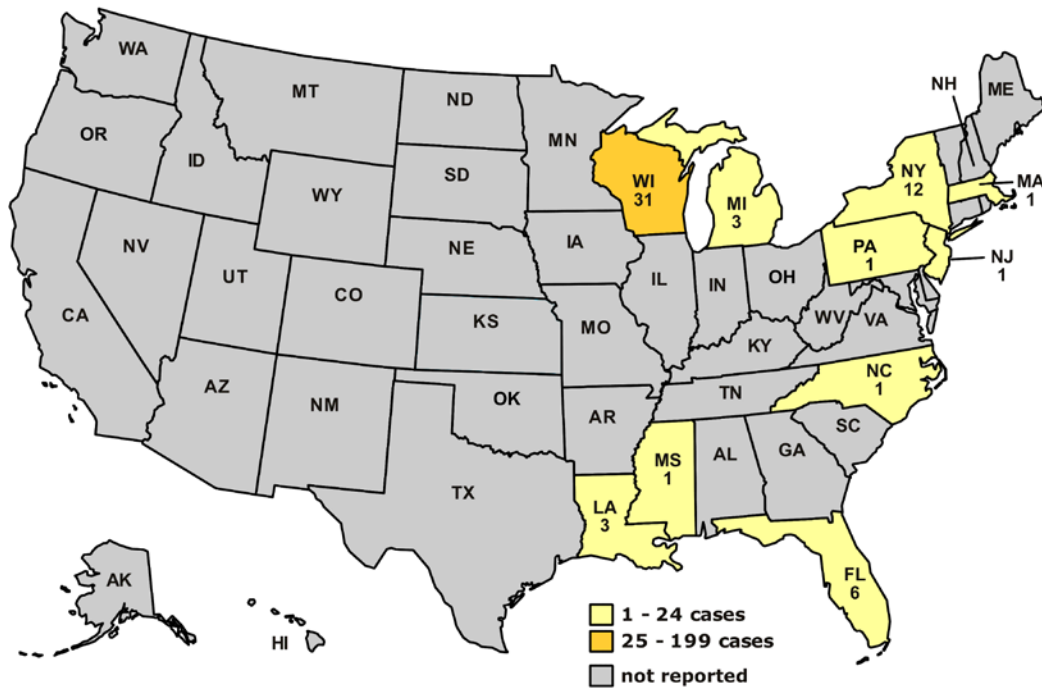


Figure 3. U.S. distribution of 60 reported equine cases of Eastern equine encephalitis in 2011

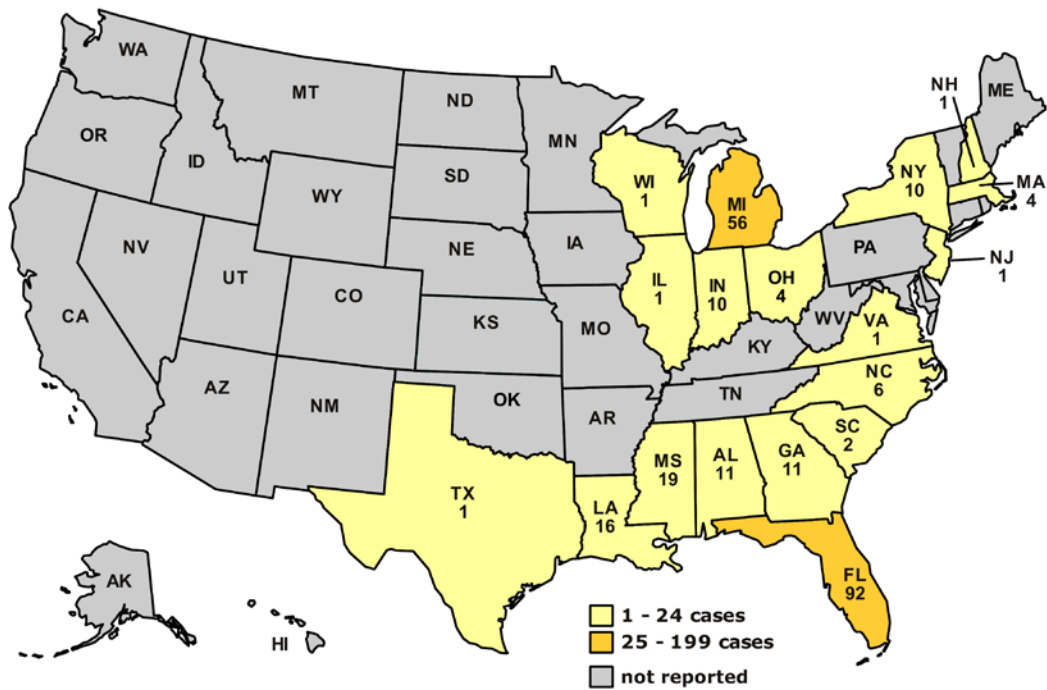


Figure 4. U.S. distribution of 247 reported equine cases of Eastern equine encephalitis in 2010

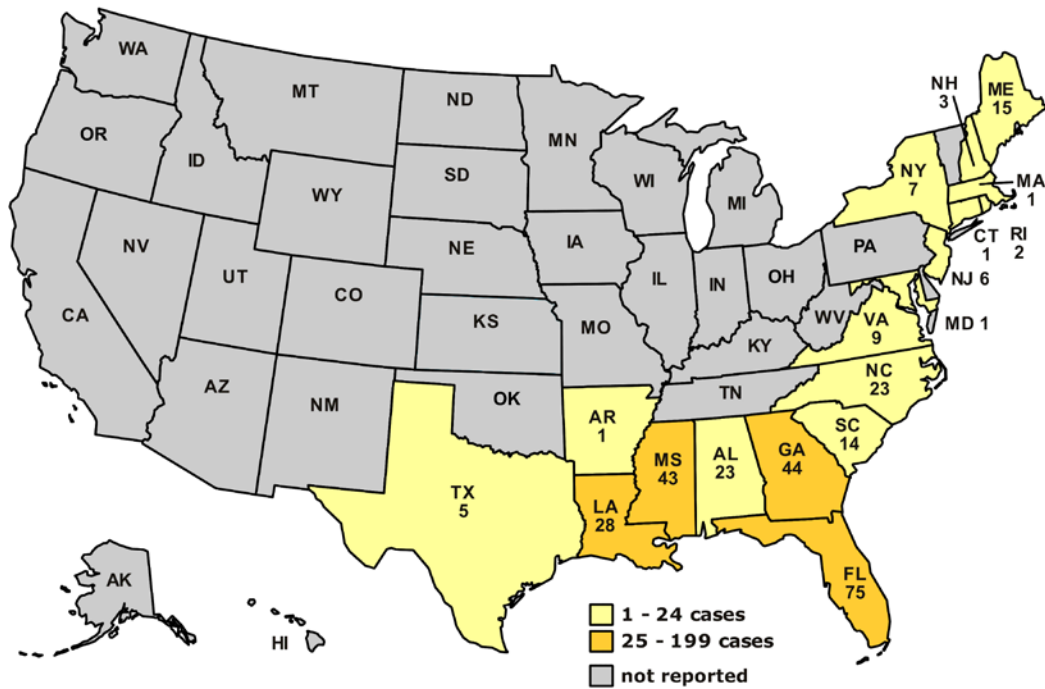


Figure 5. U.S. distribution of 301 reported equine cases of Eastern equine encephalitis in 2009

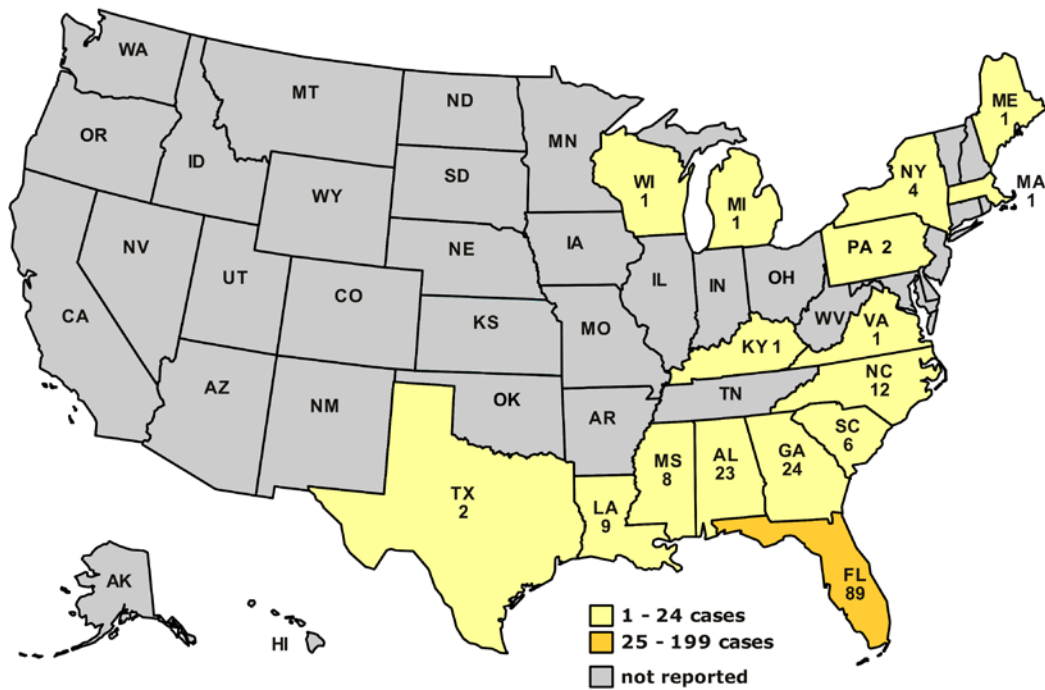


Figure 6. U.S. distribution of 185 reported equine cases of Eastern equine encephalitis in 2008

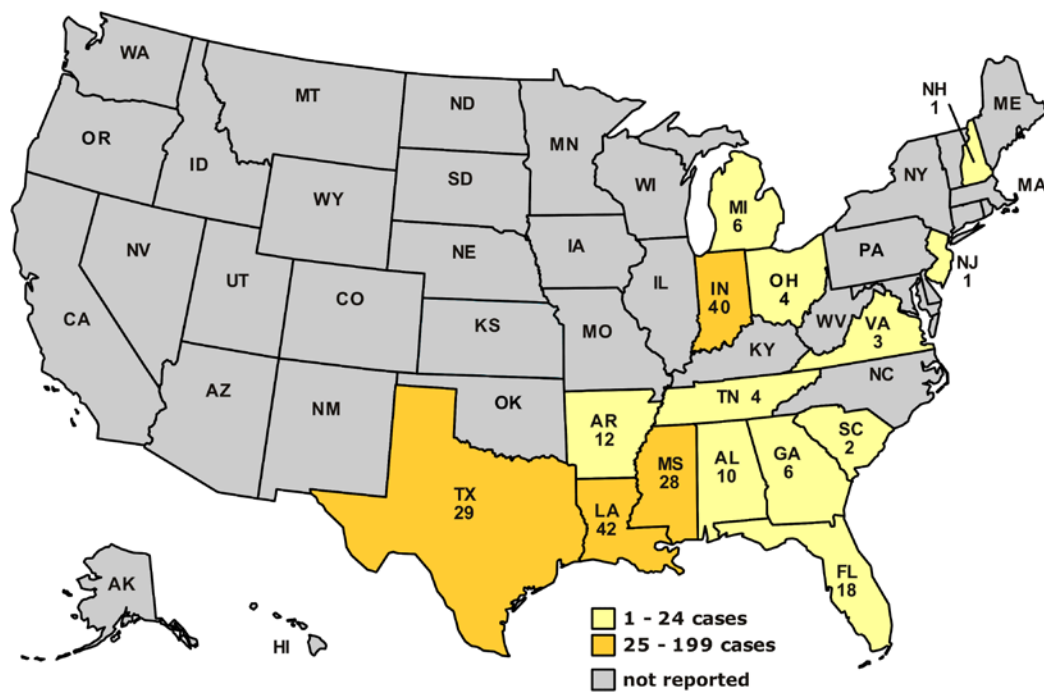


Figure 7. U.S. distribution of 206 reported equine cases of Eastern equine encephalitis in 2007

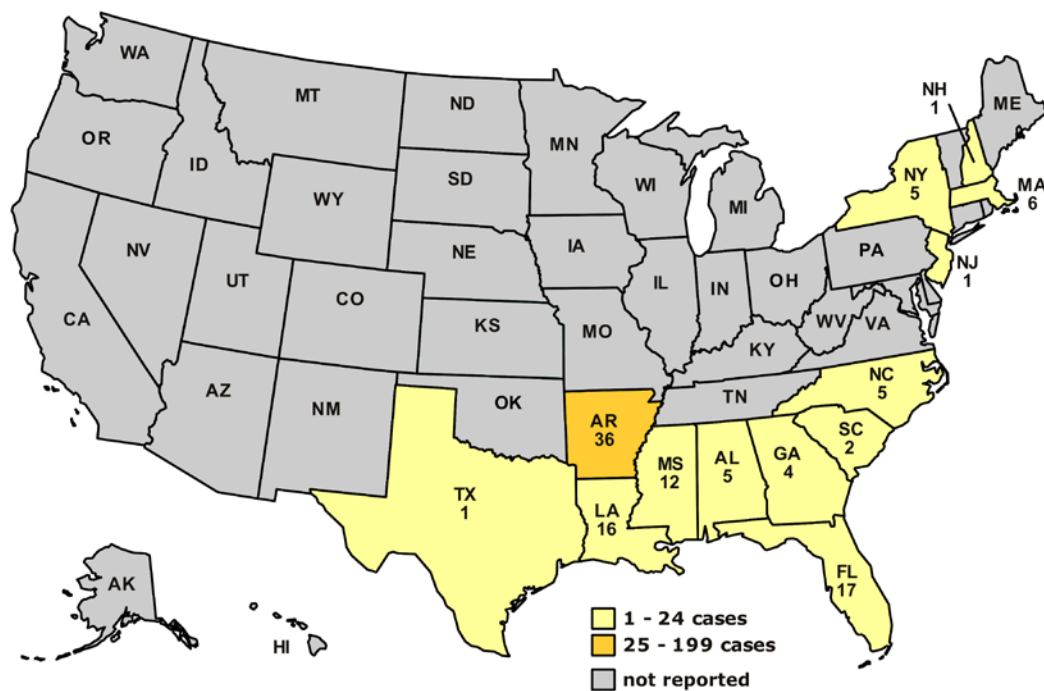


Figure 8. U.S. distribution of 111 reported equine cases of Eastern equine encephalitis in 2006

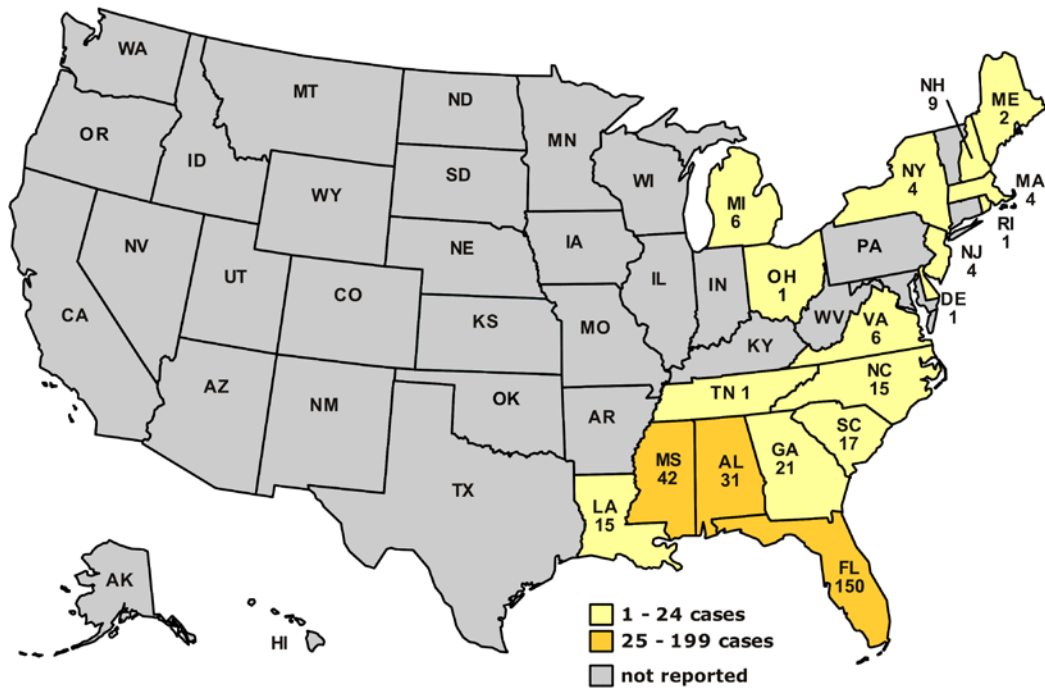


Figure 9. U.S. distribution of 330 reported equine cases of Eastern equine encephalitis in 2005

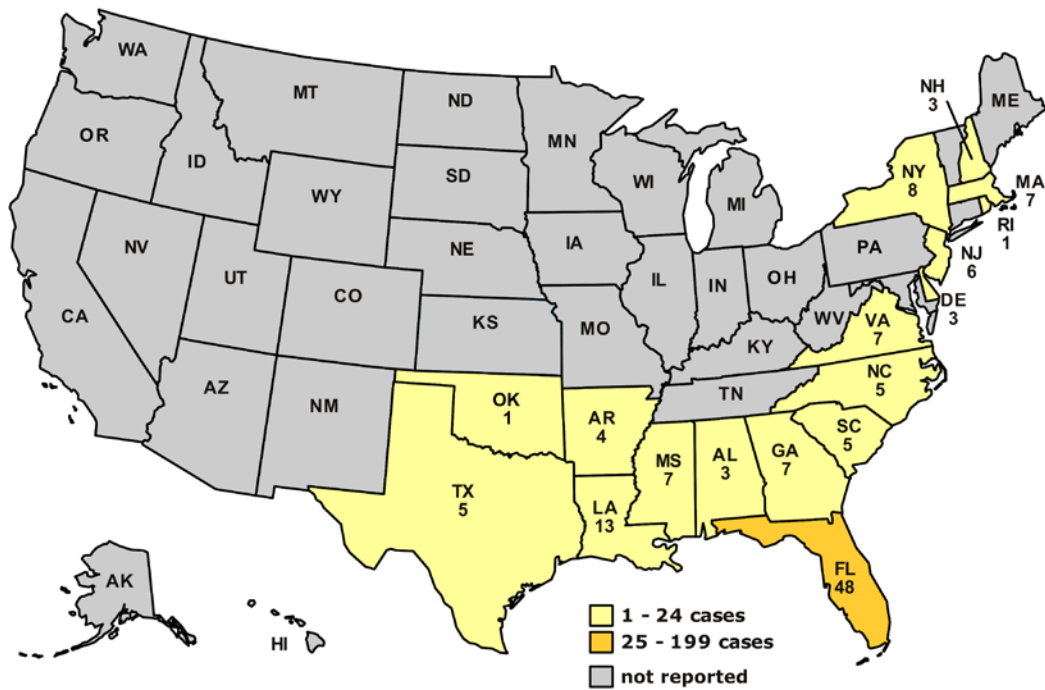


Figure 10. U.S. distribution of 133 reported equine cases of Eastern equine encephalitis in 2004

