



2017 Summary of Eastern Equine Encephalitis Cases in the United States

January 1 – December 31, 2017

This report is a descriptive summary of U.S. Eastern equine encephalitis (EEE) cases reported to the United States Department of Agriculture (USDA) in 2017. 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 Web site (<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 2017, **86** equine cases of EEE were reported from **13** States. Figure 1 shows the annual number of equine EEE cases reported in the U.S. from 2004 through 2017. Figure 2 shows the number of equine EEE cases in each State in 2016, and Table 1 provides the number of cases per county or parish in those States in 2017.

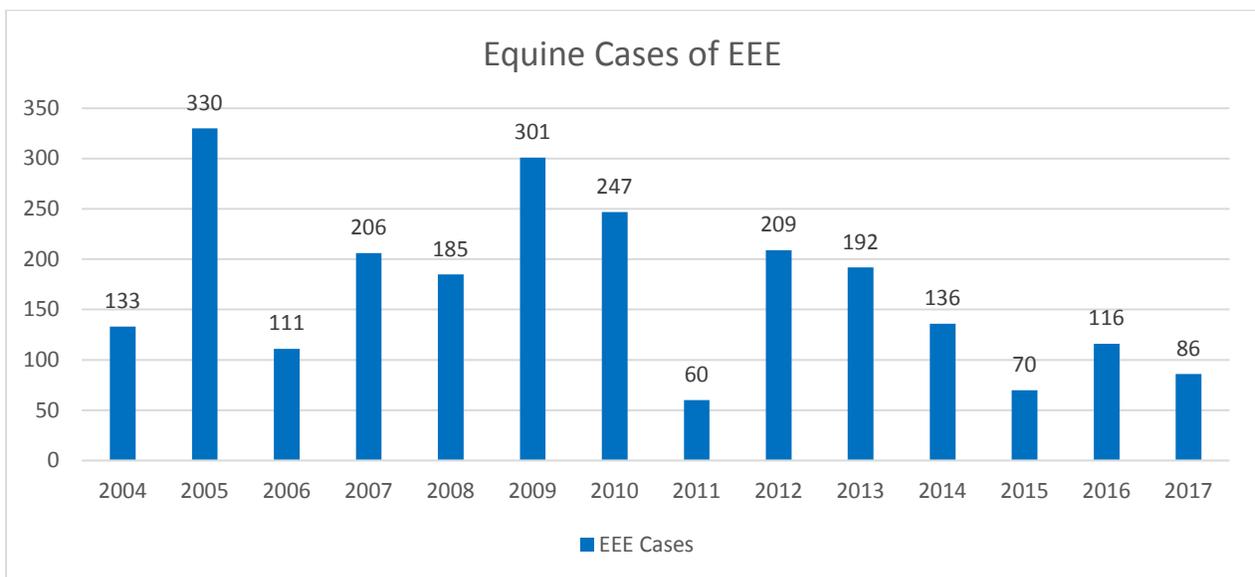


Figure 1. Reported U.S. equine cases of Eastern equine encephalitis, 2004-2017

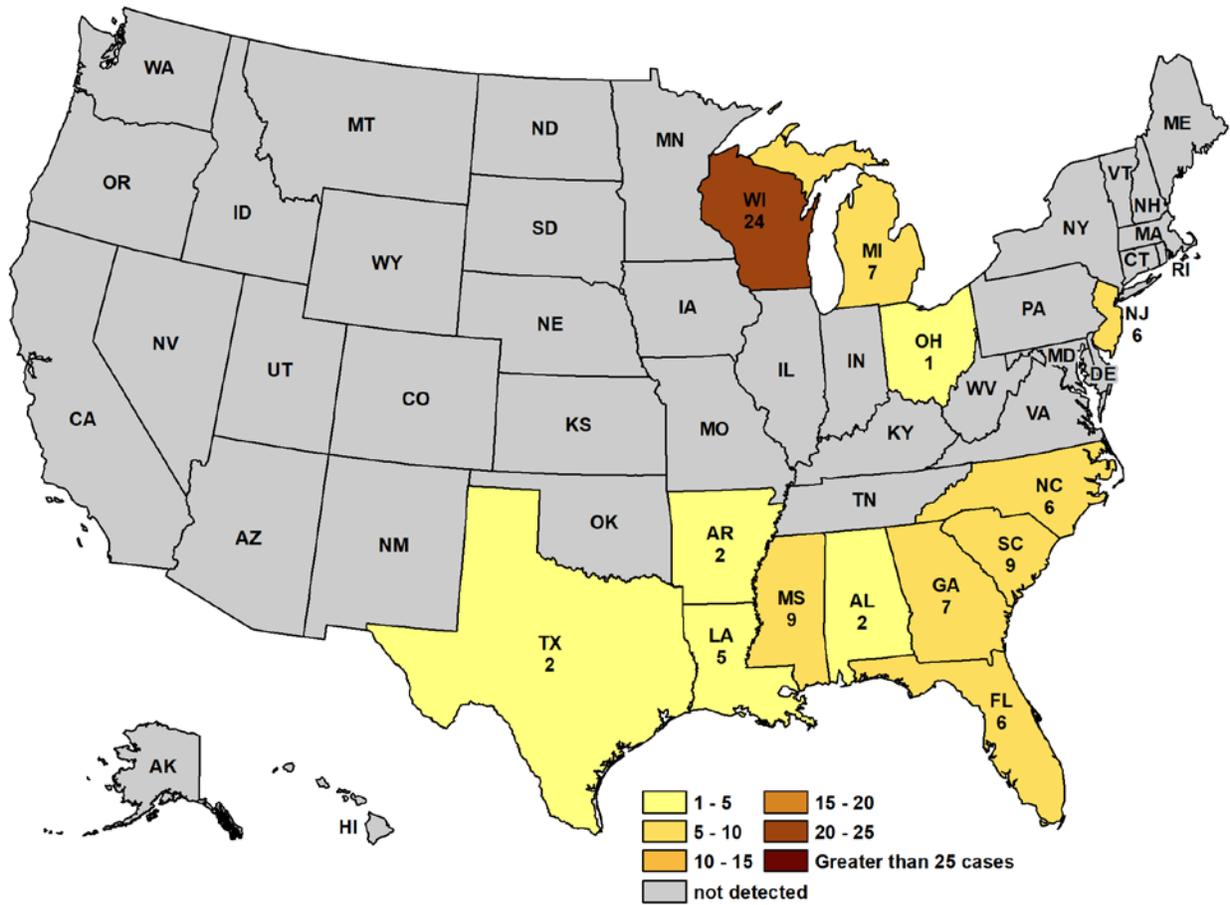


Figure 2. Distribution of reported equine EEE cases in 2017 (86 total cases)

Table 1. Number of reported equine EEE cases by State and county, 2017

State	County	Eastern Equine Encephalitis Reported Cases
Alabama	Baldwin County	1
	Washington County	1
Total cases for Alabama		2
Arkansas	Ouachita County	1
	Pulaski County	1
Total cases for Arkansas		2
Florida	Clay County	1
	Franklin County	1
	Jackson County	1
	Levy County	1
	Okaloosa County	1
	Santa Rosa County	1

State	County	Eastern Equine Encephalitis Reported Cases
Total cases for Florida		6
Georgia	Brooks County	1
	Bryan County	1
	Camden County	1
	Echols County	1
	Effingham County	1
	Houston County	1
	Lowndes County	1
Total cases for Georgia		7
Louisiana	Iberville Parish	2
	Lafourche Parish	1
	Livingston Parish	1
	Morehouse Parish	1
Total cases for Louisiana		5
Michigan	Clare County	2
	Marquette County	2
	Menominee County	1
	Roscommon County	1
	Wexford County	1
Total cases for Michigan		7
Mississippi	Attala County	1
	Copiah County	1
	Greene County	1
	Jackson County	3
	Newton County	1
	Tate County	1
	Wayne County	1
Total cases for Mississippi		9
North Carolina	Bladen County	1
	Cabarrus County	1
	Camden County	1
	Onslow County	1
	Sampson County	2
Total cases for North Carolina		6
New Jersey	Atlantic County	1
	Cape May County	2
	Cumberland County	2
	Gloucester County	1

State	County	Eastern Equine Encephalitis Reported Cases
Total cases for New Jersey		6
Ohio	Ashtabula County	1
Total cases for Ohio		1
South Carolina	Aiken County	1
	Charleston County	2
	Chesterfield County	1
	Dillon County	1
	Horry County	2
	Jasper County	1
	Richland County	1
Total cases for South Carolina		9
Texas	Hardin County	1
	Jefferson County	1
Total cases for Texas		2
Wisconsin	Chippewa County	3
	Clark County	1
	Jackson County	2
	Juneau County	3
	Marathon County	2
	Monroe County	7
	Price County	2
	Shawano County	1
	Taylor County	2
	Trempealeau County	1
Total cases for Wisconsin		24
Total Reported Eastern Equine Encephalitis Cases for the United States		86