



2018 Summary of Eastern Equine Encephalitis Cases in the United States

January 1 – December 31, 2018

This report is a descriptive summary of U.S. Eastern equine encephalitis (EEE) cases reported to the United States Department of Agriculture (USDA) in 2018. 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 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 2018, **107** 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 2005 through 2018. Figure 2 shows the number of equine EEE cases in each State in 2018, and Table 1 provides the number of cases per county or parish in those States in 2018.

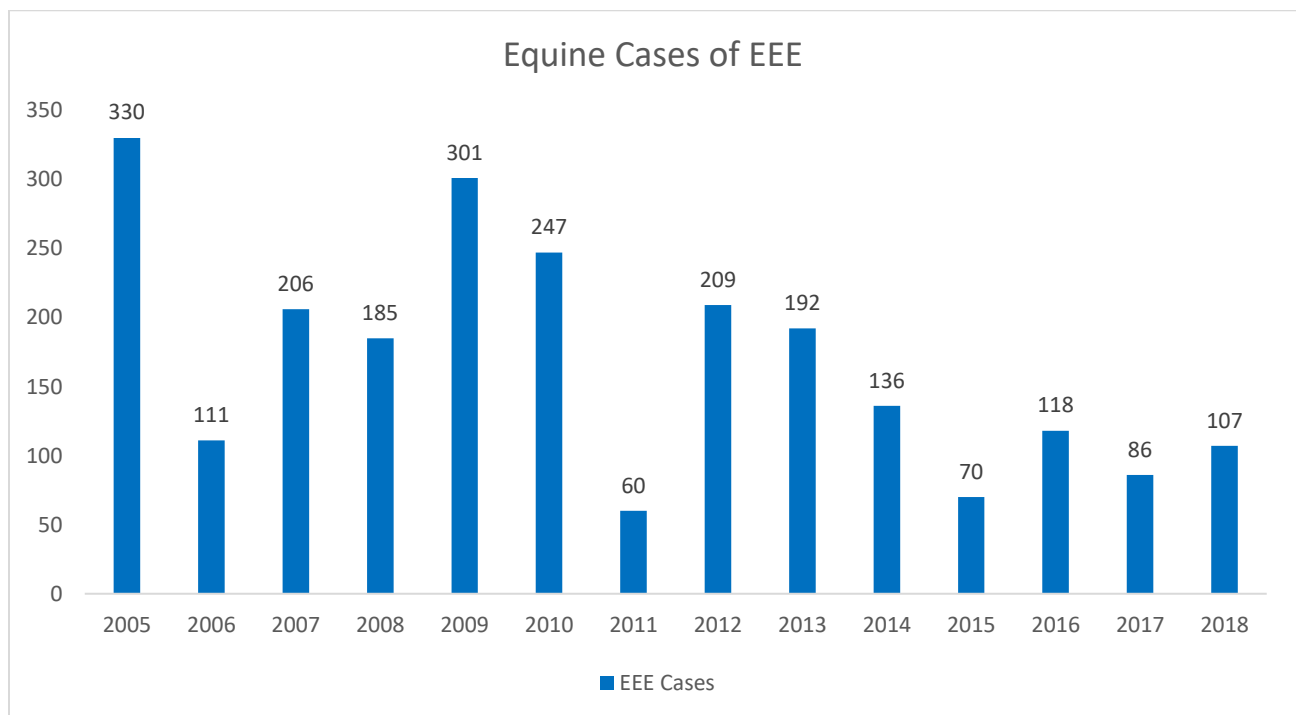


Figure 1. Reported U.S. equine cases of Eastern equine encephalitis, 2005-2018

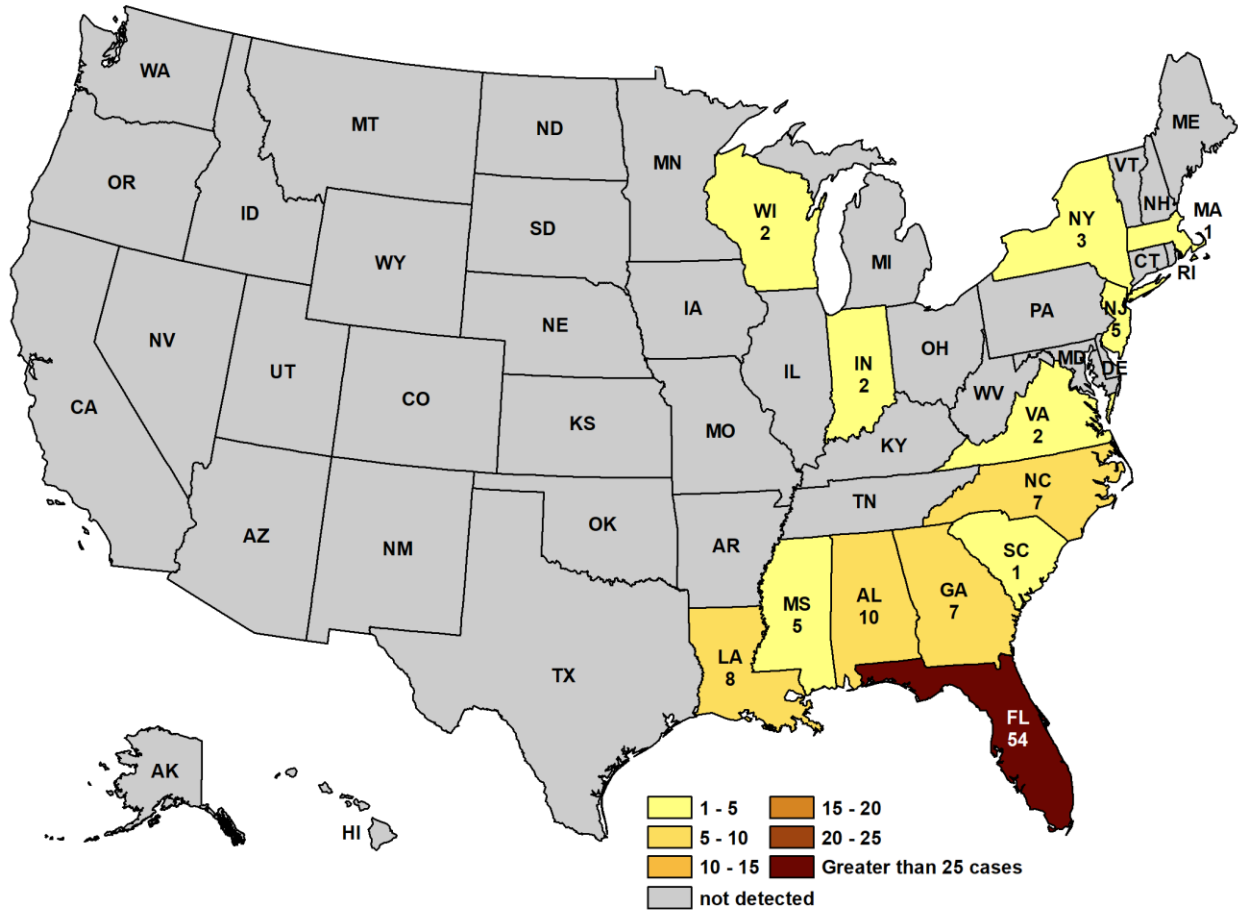


Figure 2. Distribution of reported equine EEE cases in 2018 (107 total cases)

Table 1. Number of reported equine EEE cases by State and county, 2018

State	County	Eastern Equine Encephalitis Reported Cases
Alabama	Elmore County	2
	Geneva County	2
	Hale County	1
	Houston County	1
	Limestone County	1
	Marshall County	2
	Mobile County	1

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State	County	Eastern Equine Encephalitis Reported Cases
Total Cases for Alabama		10
Florida	Baker County	1
	Bradford County	1
	Clay County	1
	Columbia County	2
	Escambia County	1
	Flagler County	1
	Gilchrist County	2
	Hamilton County	1
	Jackson County	1
	Lake County	2
	Levy County	4
	Marion County	13
	Nassau County	4
	Okeechobee County	2
	Osceola County	2
	Pasco County	1
	Polk County	2
	Putnam County	1
	Seminole County	1
	St. Johns County	2
Sumter County	1	
Suwannee County	3	
Taylor County	1	
Union County	1	
Volusia County	3	
Total Cases for Florida		54
Georgia	Bleckley County	1
	Colquitt County	1
	Cook County	1
	Jenkins County	1
	Lowndes County	1
	Wayne County	1
	Wilkinson County	1
Total Cases for Georgia		7
Indiana	Kosciusko County	1
	Whitley County	1
Total Cases for Indiana		2

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State	County	Eastern Equine Encephalitis Reported Cases
Louisiana	Ascension Parish	1
	Calcasieu Parish	1
	Evangeline Parish	1
	Iberia Parish	1
	Natchitoches Parish	2
	Rapides Parish	1
	Tangipahoa Parish	1
Total Cases for Louisiana		8
Massachusetts	Worcester County	1
Total Cases for Massachusetts		1
Mississippi	Hancock County	1
	Harrison County	1
	Jackson County	1
	Lawrence County	1
	Neshoba County	1
Total Cases for Mississippi		5
North Carolina	Carteret County	1
	Craven County	1
	Duplin County	2
	Onslow County	2
	Richmond County	1
Total Cases for North Carolina		7
New Jersey	Camden County	1
	Gloucester County	1
	Monmouth County	1
	Ocean County	2
Total Cases for New Jersey		5
New York	Chautauqua County	1
	Oswego County	1
	Washington County	1
Total Cases for New York		3
South Carolina	Chesterfield County	1
Total Cases for South Carolina		1
Virginia	Chesapeake City	1
	Suffolk City	1

State	County	Eastern Equine Encephalitis Reported Cases
Total Cases for Virginia		2
Wisconsin	Oneida County	1
	Washburn County	1
Total Cases for Wisconsin		2
Total Reported Eastern Equine Encephalitis Cases for the United States		107