

# **2009 Summary of Eastern Equine Encephalitis Cases in the United States**



Prepared by United States Department of Agriculture  
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Veterinary Services  
Centers for Epidemiology and Animal Health  
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May 12, 2010

## Overview

The National Surveillance Unit (NSU) collaborates with the National Centers for Animal Health Programs equine staff, the Centers for Disease Control and Prevention (CDC), and State veterinary and public health officials to provide accurate weekly equine arbovirus case reports to stakeholders during the arbovirus transmission season, typically from late June through early November. To accomplish this, CDC provides weekly reports of arbovirus case information from its ArboNET reporting system to the NSU, and NSU uses these data to develop and disseminate weekly equine case reports to State Veterinary officials for their confirmation. After this information is confirmed by State veterinary authorities, it is posted to the equine section of the National Animal Health Surveillance System (NAHSS) Web site, <http://www.aphis.usda.gov/vs/nahss/equine>. The Web site is updated weekly.

This reporting process assures that current equine arbovirus case information that is collected by CDC is verified by State Veterinary officials and rapidly shared among State and Federal agencies, including the Veterinary Services branch of the U.S. Department of Agriculture's Animal and Plant Health Inspection Service, CDC, and State veterinary and public health agencies. Additionally, the Web site serves to provide timely and accurate equine arbovirus case information to individuals associated with the horse industry, including horse owners, animal health professionals, and regulatory officials, as well as public health officials and those in related academic and research fields.

In calendar year 2009, there were **301** equine cases of eastern equine encephalitis reported from **18** States. The following table shows the total number of cases in each State and county and the date when the first equine case was reported for that county.

**Table 1. Number of eastern equine encephalitis cases in horses in each State and county in 2009 and the date of the first case report for each location.**

<b>State</b>	<b>County</b>	<b>Total Eastern Equine Encephalitis reported cases</b>	<b>Earliest Date Reported</b>
<b>Alabama</b>			
	Baldwin County	2	02/04/2009
	Cherokee County	1	07/31/2009
	Covington County	1	05/07/2009
	Cullman County	2	03/10/2009
	Dale County	1	08/24/2009
	Dallas County	1	08/28/2009
	DeKalb County	1	10/16/2009
	Escambia County	1	07/17/2009
	Geneva County	1	01/13/2009
	Henry County	1	08/11/2009
	Houston County	2	02/11/2009
	Lee County	1	08/30/2009
	Macon County	2	06/23/2009
	Mobile County	1	09/01/2009
	Montgomery County	1	08/12/2009
	Tuscaloosa County	1	10/05/2009
	Wilcox County	2	07/24/2009
	Winston County	1	01/22/2009
<b>Total cases for Alabama</b>		<b>23</b>	
<b>Arkansas</b>			
	Jefferson County	1	09/24/2009
<b>Total cases for Arkansas</b>		<b>1</b>	
<b>Connecticut</b>			
	New London County	1	10/03/2009
<b>Total cases for Connecticut</b>		<b>1</b>	
<b>Florida</b>			
	Alachua County	2	06/08/2009
	Baker County	1	07/13/2009
	Bradford County	2	05/22/2009
	Clay County	5	05/16/2009
	Columbia County	6	05/22/2009
	Duval County	3	06/07/2009
	Flagler County	1	3/14/2009
	Gilchrist County	2	01/09/2009
	Hamilton County	1	05/25/2009
	Hernando County	1	10/21/2009
	Holmes County	2	06/28/2009
	Jackson County	1	06/03/2009
	Lake County	2	03/15/2009
	Leon County	4	06/13/2009
	Levy County	3	01/08/2009
	Madison County	4	06/23/2009
	Marion County	2	07/10/2009
	Nassau County	2	07/23/2009
	Okaloosa County	1	08/03/2009

Osceola County	1	07/04/2009
Putnam County	5	06/16/2009
St. Johns County	2	07/17/2009
Suwannee County	2	05/28/2009
Union County	6	06/01/2009
Volusia County	10	01/03/2009
Walton County	2	07/24/2009
Washington County	2	05/26/2009
<b>Total cases for Florida</b>	<b>75</b>	
<b>Georgia</b>		
Appling County	1	06/10/2009
Atkinson County	2	06/13/2009
Bacon County	1	07/25/2009
Ben Hill County	4	05/29/2009
Bleckley County	1	08/16/2009
Brantley County	3	06/11/2009
Bryan County	1	06/16/2009
Calhoun County	1	07/09/2009
Camden County	1	08/02/2009
Charlton County	1	05/29/2009
Clinch County	1	07/31/2009
Coffee County	1	06/11/2009
Cook County	2	05/26/2009
Fayette County	1	08/06/2009
Glascocock County	1	08/28/2009
Grady County	2	06/27/2009
Irwin County	1	07/09/2009
Long County	4	05/29/2009
Lowndes County	3	06/04/2009
Tattnall County	2	07/20/2009
Wayne County	8	06/09/2009
Wilkinson County	2	05/24/2009
<b>Total cases for Georgia</b>	<b>44</b>	
<b>Louisiana</b>		
Ascension Parish	1	09/14/2009
Assumption Parish	1	07/10/2009
Caddo Parish	1	08/25/2009
De Soto Parish	1	09/03/2009
Iberville Parish	3	06/15/2009
Jackson Parish	2	08/29/2009
Lafourche Parish	4	07/03/2009
Orleans Parish	1	07/01/2009
Ouachita Parish	1	07/17/2009
Pointe Coupee Parish	1	07/16/2009
Rapides Parish	4	06/11/2009
Richland Parish	2	09/22/2009
St. James Parish	2	06/22/2009
St. Tammany Parish	1	07/14/2009
Tangipahoa Parish	1	09/16/2009
Washington Parish	1	07/14/2009
West Baton Rouge Parish	1	06/25/2009
<b>Total cases for Louisiana</b>	<b>28</b>	

<b>Maine</b>			
	Cumberland County	1	08/27/2009
	Kennebec County	1	09/01/2009
	Penobscot County	3	08/23/2009
	Waldo County	8	08/03/2009
	York County	2	08/24/2009
<b>Total cases for Maine</b>		<b>15</b>	
<b>Maryland</b>			
	Wicomico County	1	10/12/2009
<b>Total cases for Maryland</b>		<b>1</b>	
<b>Massachusetts</b>			
	Essex County	1	09/18/2009
<b>Total cases for Massachusetts</b>		<b>1</b>	
<b>Mississippi</b>			
	Alcorn County	2	08/13/2009
	Attala County	2	09/20/2009
	Forrest County	1	07/16/2009
	George County	1	08/06/2009
	Harrison County	2	07/09/2009
	Jackson County	5	06/19/2009
	Jasper County	1	08/10/2009
	Jones County	4	07/14/2009
	Lamar County	9	06/26/2009
	Leake County	1	08/25/2009
	Monroe County	2	08/20/2009
	Neshoba County	2	08/31/2009
	Pearl River County	5	07/15/2009
	Scott County	4	07/31/2009
	Stone County	1	08/24/2009
	Wayne County	1	07/01/2009
<b>Total cases for Mississippi</b>		<b>43</b>	
<b>New Hampshire</b>			
	Grafton County	1	09/30/2009
	Merrimack County	2	08/29/2009
<b>Total cases for New Hampshire</b>		<b>3</b>	
<b>New Jersey</b>			
	Burlington County	1	09/04/2009
	Camden County	1	09/13/2009
	Gloucester County	4	08/18/2009
<b>Total cases for New Jersey</b>		<b>6</b>	
<b>New York</b>			
	Lewis County	1	09/28/2009
	Oswego County	5	08/05/2009
	St. Lawrence County	1	08/21/2009
<b>Total cases for New York</b>		<b>7</b>	
<b>North Carolina</b>			
	Beaufort County	3	07/12/2009
	Bladen County	2	07/19/2009
	Carteret County	3	10/11/2009
	Columbus County	1	07/13/2009
	Craven County	1	08/04/2009
	Currituck County	3	08/02/2009
	Gates County	1	07/10/2009
	Harnett County	2	09/05/2009
	Jones County	1	10/04/2009

Pasquotank County	1	10/13/2009
Polk County	1	09/29/2009
Robeson County	1	07/20/2009
Scotland County	1	08/10/2009
Washington County	1	07/29/2009
Wilson County	1	08/05/2009
<b>Total cases for North Carolina</b>	<b>23</b>	
Rhode Island		
Newport County	1	09/20/2009
Washington County	1	09/30/2009
<b>Total cases for Rhode Island</b>	<b>2</b>	
South Carolina		
Barnwell County	1	09/29/2009
Clarendon County	2	08/02/2009
Colleton County	1	06/20/2009
Darlington County	4	08/05/2009
Florence County	1	07/15/2009
Kershaw County	1	08/14/2009
Lee County	1	08/06/2009
Orangeburg County	1	09/03/2009
Sumter County	2	06/08/2009
<b>Total cases for South Carolina</b>	<b>14</b>	
Texas		
Grimes County	1	09/20/2009
Jasper County	1	08/18/2009
Newton County	3	07/04/2009
<b>Total cases for Texas</b>	<b>5</b>	
Virginia		
Chesapeake City	3	07/03/2009
New Kent County	1	09/07/2009
Prince George County	1	08/04/2009
Southampton County	1	08/01/2009
Suffolk City	3	07/24/2009
<b>Total cases for Virginia</b>	<b>9</b>	
<b>Total equine eastern equine encephalitis cases for the United States</b>		<b>301</b>

Figure 1. Map showing the number of eastern equine encephalitis cases in horses in each State in 2009

