

# **2009 Summary of Equine West Nile Virus Cases in the United States**



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## 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 **276** equine cases of West Nile virus reported from **36** States. The following table shows the total number of equine cases in each State and County and the date when the first equine case was reported for that county.

**Table 1. Number of equine West Nile virus cases in horses in each State and County in 2009 and the date of the first case report for each location.**

State	County	Total Equine West Nile virus reported cases	Earliest Date Reported
<b>Alabama</b>			
	Baldwin County	1	08/13/2009
	Blount County	1	08/21/2009
	Butler County	1	11/30/2009
	Cullman County	1	09/22/2009
	Dallas County	2	08/28/2009
	Escambia County	3	08/13/2009
	Etowah County	1	10/15/2009
	Lawrence County	1	10/6/2009
	Russell County	1	9/28/2009
<b>Total Cases for Alabama</b>		<b>12</b>	
<b>Arkansas</b>			
	Jefferson County	1	09/24/2009
<b>Total cases for Arkansas</b>		<b>1</b>	
<b>California</b>			
	Contra Costa County	1	08/10/2009
	Fresno County	1	09/20/2009
	Los Angeles County	1	08/05/2009
	Merced County	3	09/15/2009
	Riverside County	1	10/22/2009
	Sacramento County	2	09/08/2009
	San Joaquin County	3	07/10/2009
	Shasta County	1	09/05/2009
	Solano County	1	08/30/2009
	Stanislaus County	2	07/30/2009
	Tehama County	1	09/09/2009
	Tulare County	1	09/24/2209
<b>Total cases for California</b>		<b>18</b>	
<b>Colorado</b>			
	Adams County	1	09/03/2009
	Fremont County	1	08/31/2009
	La Plata County	1	09/17/2009
	Larimer County	4	08/10/2009
	Lincoln County	1	08/10/2009
	Mesa County	4	08/25/2009
	Montrose County	1	09/06/2009
	Morgan County	1	08/26/2009
	Otero County	1	08/23/2009
	Prowers County	1	08/31/2009
	Pueblo County	3	08/12/2009
	Weld County	2	08/15/2009
<b>Total cases for Colorado</b>		<b>21</b>	
<b>Florida</b>			
	Alachua County	1	10/5/2009
	Duval County	1	10/18/2009
	Gilchrist County	1	09/08/2009
	Marion County	1	11/13/2009
	Nassau County	1	11/08/2009

Santa Rosa County	1	08/17/2009
Washington County	1	09/24/2009
<b>Total cases for Florida</b>	<b>7</b>	
<b>Georgia</b>		
Ben Hill County	1	08/30/2009
<b>Total cases for Georgia</b>	<b>1</b>	
<b>Idaho</b>		
Ada County	1	08/12/2009
Canyon County	2	08/06/2009
Custer County	1	09/09/2009
Jerome County	1	09/09/2009
Owyhee County	1	07/30/2009
Payette County	2	08/12/2009
Twin Falls County	1	09/08/2009
<b>Total cases for Idaho</b>	<b>9</b>	
<b>Iowa</b>		
Clinton County	1	08/19/2009
Sac County	1	08/10/2009
Warren County	1	10/08/2009
<b>Total cases for Iowa</b>	<b>3</b>	
<b>Illinois</b>		
Bond County	1	09/25/2009
Clinton County	1	09/25/2009
Massac County	1	08/24/2009
Mercer County	1	09/01/2009
Sangamon County	1	09/17/2009
Wayne County	1	08/27/2009
<b>Total cases for Illinois</b>	<b>6</b>	
<b>Kentucky</b>		
Allen County	1	09/18/2009
Ballard County	1	10/05/2009
Barren County	2	08/20/2009
Caldwell County	1	07/30/2009
Garrard County	1	10/05/2009
Marion County	1	08/10/2009
Warren County	1	09/14/2009
<b>Total cases for Kentucky</b>	<b>8</b>	
<b>Louisiana</b>		
Allen Parish	1	07/16/2009
Bossier Parish	1	10/03/2009
East Baton Rouge Parish	1	10/02/2009
Iberville Parish	1	10/22/2009
St. Landry Parish	1	10/23/2009
St. Tammany Parish	2	07/09/2009
Tangipahoa Parish	2	10/08/2009
<b>Total cases for Louisiana</b>	<b>9</b>	
<b>Maryland</b>		
Baltimore County	1	11/10/2009
<b>Total cases for Maryland</b>	<b>1</b>	
<b>Massachusetts</b>		
Hampshire County	1	10/04/2009
<b>Total cases for Massachusetts</b>	<b>1</b>	
<b>Michigan</b>		
Schoolcraft County	1	07/27/2009

<b>Total cases for Michigan</b>		<b>1</b>	
<b>Mississippi</b>			
	George County	1	11/02/2009
	Hancock County	1	10/28/2009
	Harrison County	1	07/09/2009
	Hinds County	1	10/20/2009
	Jackson County	1	11/11/2009
	Lafayette County	1	07/17/2009
	Lamar County	1	09/28/2009
	Lawrence County	1	10/20/2009
	Monroe County	1	11/09/2009
	Washington County	1	09/30/2009
	Unknown County	1	
<b>Total cases for Mississippi</b>		<b>11</b>	
<b>Missouri</b>			
	Cooper County	1	08/24/2009
	Jackson County	1	09/03/2009
<b>Total cases for Missouri</b>		<b>2</b>	
<b>Montana</b>			
	Flathead County	1	09/01/2009
	Lake County	6	08/04/2009
	Missoula County	3	08/18/2009
	Sanders County	3	07/20/2009
	Valley County	1	08/06/2009
<b>Total cases for Montana</b>		<b>14</b>	
<b>Nebraska</b>			
	Boyd County	1	08/25/2009
	Burt County	1	09/25/2009
	Valley County	1	08/06/2009
<b>Total cases for Nebraska</b>		<b>3</b>	
<b>Nevada</b>			
	Clark County	3	07/10/2009
<b>Total cases for Nevada</b>		<b>3</b>	
<b>New Jersey</b>			
	Salem County	1	08/18/2009
<b>Total cases for New Jersey</b>		<b>1</b>	
<b>New Mexico</b>			
	Chaves County	1	08/18/2009
	Colfax County	1	08/20/2009
	Curry County	1	09/10/2009
	Grant County	1	08/07/2009
	Lincoln County	1	08/18/2009
	Mora County	1	09/06/2009
	Quay County	1	11/04/2009
	Roosevelt County	1	10/02/2009
<b>Total cases for New Mexico</b>		<b>8</b>	
<b>New York</b>			
	Sullivan County	1	10/13/2009
<b>Total cases for New York</b>		<b>1</b>	
<b>North Dakota</b>			
	Rolette County	1	09/29/2009
<b>Total case for North Dakota</b>		<b>1</b>	
<b>Oklahoma</b>			
	Cherokee County	1	09/03/2009

Garfield County	1	09/06/2009
Kay County	1	09/24/2009
Logan County	2	09/22/2009
Oklahoma County	1	09/08/2009
Roger Mills County	1	10/12/2009
<b>Total cases for Oklahoma</b>	<b>7</b>	
Oregon		
Malheur County	1	07/23/2009
Morrow County	1	09/09/2009
Umatilla County	3	07/31/2009
<b>Total cases for Oregon</b>	<b>5</b>	
Pennsylvania		
Adams County	1	08/30/2009
Berks County	1	09/15/2009
<b>Total cases for Pennsylvania</b>	<b>2</b>	
South Carolina		
Lee County	1	10/06/2009
<b>Total cases for South Carolina</b>	<b>1</b>	
South Dakota		
Custer County	1	07/31/2009
Davison County	1	08/06/2009
Gregory County	1	08/23/2009
Spink County	1	09/14/2009
<b>Total cases for South Dakota</b>	<b>4</b>	
Tennessee		
Gibson County	1	08/06/2009
<b>Total cases for Tennessee</b>	<b>1</b>	
Texas		
Brazoria County	1	09/17/2009
Caldwell County	1	08/10/2009
Cameron County	1	09/17/2009
Colorado County	1	08/08/2009
Comanche County	1	08/26/2009
Donley County	1	09/20/2009
Eastland County	1	10/05/2009
Ector County	2	10/16/2009
Grayson County	1	09/19/2009
Hardin County	1	08/12/2009
Harris County	1	11/16/2009
Hunt County	1	08/26/2009
Johnson County	1	10/12/2009
Jones County	1	09/29/2009
Midland County	1	11/14/2009
Montgomery County	1	08/17/2009
Nueces County	1	10/21/2009
Ochiltree County	1	08/26/2009
Parker County	3	10/13/2009
Randall County	1	09/05/2009
Tarrant County	2	10/19/2009
Taylor County	1	09/29/2009
Tom Green County	1	10/23/2009
Washington County	1	03/20/2009
Wichita County	1	10/15/2009
<b>Total cases for Texas</b>	<b>29</b>	

Utah		
Box Elder County	1	09/03/2009
Duchesne County	1	08/19/2009
Emery County	1	09/17/2009
Sanpete County	1	07/06/2009
Uintah County	1	08/26/2009
Weber County	1	08/19/2009
<b>Total cases for Utah</b>	<b>6</b>	
Virginia		
Augusta County	1	09/03/2009
New Kent County	1	09/12/2009
Pittsylvania County	1	08/21/2009
<b>Total cases for Virginia</b>	<b>3</b>	
Washington		
Adams County	2	08/06/2009
Benton County	23	07/20/2009
Franklin County	3	09/01/2009
Grant County	11	08/08/2009
Kittitas County	16	07/28/2009
Yakima County	17	07/17/2009
<b>Total Cases for Washington</b>	<b>72</b>	
West Virginia		
Fayette County	1	07/01/2009
<b>Total cases for West Virginia</b>	<b>1</b>	
Wisconsin		
Green County	1	08/28/2009
<b>Total cases for Wisconsin</b>	<b>1</b>	
Wyoming		
Platte County	1	08/05/2009
Sheridan County	1	08/03/2009
<b>Total cases for Wyoming</b>	<b>2</b>	
<b>Total equine West Nile virus cases for the United States</b>	<b>276</b>	

\*reported to the National Surveillance Unit in April 2009

Figure 1. Map showing the number of equine West Nile virus cases in each State in 2009

