

2008 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 2008, there were 179 equine cases of West Nile virus reported from 30 States and Puerto Rico. 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 2008 and the date of the first case report for each location.

State	County	Total Equine West Nile virus reported cases	Earliest Date Reported
Alabama	Autauga County	1	09/12/2008
	Baldwin County	1	07/16/2008
	Cullman County	1	10/10/2008
	Dallas County	1	03/03/2008
	Lee County	1	08/15/2008
	Marengo County	1	04/03/2008
	Russell County	1	09/19/2008
Total Cases for Alabama		7	
Arizona	Maricopa County	3	9/3/2008
Total Cases for Arizona		3	
Arkansas	Pulaski County	1	05/23/2008
Total cases for Arkansas		1	
California	Contra Costa County	3	08/09/2008
	Fresno County	1	07/14/2008
	Lake County	1	08/21/2008
	Orange County	2	07/22/2008
	Merced County	1	10/5/2008
	Placer County	1	09/01/2008
	Riverside County	8	06/13/2008
	Sacramento County	3	08/01/2008
	San Bernardino County	3	09/04/2008
	San Diego County	4	07/11/2008
	Stanislaus County	2	09/04/2008
	Tulare County	1	08/28/2008
	Ventura County	1	09/29/2008
Yolo County	1	09/02/2008	
Total cases for California		32	
Colorado	Otero County	1	09/03/2008
Total cases for Colorado		1	
Florida	Madison County	1	04/15/2008
Total cases for Florida		1	
Idaho	Owyhee County	1	08/20/2008
Total cases for Idaho		1	
Illinois	Madison County	1	08/05/2008
Total cases for Illinois		1	
Iowa	Buchanan County	1	09/09/2008
	Butler County	1	08/18/2008
	Calhoun County	1	08/02/2008
	Montgomery County	1	08/01/2008
Total cases for Iowa		4	
Kentucky	Adair County	1	09/22/2008
	Christian County	1	09/05/2008
	Pendleton County	1	09/19/2008

	Todd County	2	09/30/2008
Total cases for Kentucky		5	
Louisiana	East Baton Rouge Parish	3	08/14/2008
	Jefferson Parish	1	06/19/2008
	Livingston Parish	1	09/17/2008
	St. Landry Parish	2	06/06/2008
	St. Martin Parish	1	10/14/2008
	Unknown Parish	1	
Total cases for Louisiana		9	
Maryland	Frederick County*	1	10/01/2008
	Prince George's County	1	09/01/2008
Total cases for Maryland		2	
Michigan	Montcalm County	1	09/12/2008
Total cases for Michigan		1	
Mississippi	Calhoun County	2	08/14/2008
	Hinds County	1	08/10/2008
	Rankin County	1	09/08/2008
	Scott County	1	08/29/2008
Total cases for Mississippi		5	
Missouri	Barry County	1	09/29/2008
	Gasconade County	1	08/01/2008
	Vernon County	1	10/26/2008
Total cases for Missouri		3	
Montana	Jefferson County	1	08/17/2008
	Lake County	5	07/31/2008
	Madison County	1	09/01/2008
Total cases for Montana		7	
Nebraska	Hall County	1	07/30/2008
	Sheridan County	1	08/08/2008
Total cases for Nebraska		2	
Nevada	Carson City	1	08/19/2008
	Washoe County	1	07/20/2008
Total cases for Nevada		2	
New Mexico	Chaves County	1	09/14/2008
	McKinley County	1	
	Roosevelt County	1	
Total cases for New Mexico		3	
New York	Clinton County	1	09/23/2008
	Onondonga County	1	07/06/2008
	Suffolk County	1	09/06/2008
Total cases for New York		3	
North Dakota	Grand Forks County	1	06/09/2008
Total cases for North Dakota		1	
Pennsylvania	Lancaster County	2	08/15/2008
Total cases for Pennsylvania		2	
Puerto Rico	Cabo Rojo County	2	04/21/2008
Total cases for Puerto Rico		2	
South Dakota	Clay County	1	08/01/2008

	Codington County	1	07/31/2008
	Fall River County	1	09/21/2008
	Hughes County	1	06/25/2008
Total cases for South Dakota		4	
Tennessee	Washington County	1	09/01/2008
Total cases for Tennessee		1	
Texas	Atascosa County	1	11/01/2008
	Austin County	1	09/08/2008
	Brown County	1	10/27/2008
	Burnet County	1	11/05/2008
	Coryell County	2	10/13/2008
	Denton County	1	10/16/2008
	Erath County	1	09/19/2008
	Frio County	1	10/30/2008
	Gillespie County	1	11/01/2008
	Gonzales County	1	12/03/2008
	Gray County	1	09/09/2008
	Guadalupe County	1	11/11/2008
	Johnson County	1	09/06/2008
	Leon County	1	08/15/2008
	Taylor County	2	10/18/2008
	Waller County	1	09/24/2008
	Wheeler County	1	08/29/2008
Total cases for Texas		19	
Utah	Box Elder County	2	08/20/2008
	Cache County	1	09/18/2008
	Davis County	1	09/11/2008
	Utah County	1	09/18/2008
	Weber County	3	08/19/2008
Total cases for Utah		8	
Washington	Benton County	4	08/30/2008
	Grant County	10	07/31/2008
	Kittitas County	1	11/21/2008
	Yakima County	26	07/31/2008
Total Cases for Washington		41	
West Virginia	Grant County	1	07/11/2008
	Hardy County	1	06/10/2008
Total cases for West Virginia		2	
Wisconsin	Chippewa County	1	06/11/2008
	Dodge County	1	09/26/2008
	Green Lake County	1	07/28/2008
	Jefferson County	1	08/29/2008
	Walworth County	1	08/27/2008
Total cases for Wisconsin		5	
Wyoming	Goshen County	1	08/18/2008
Total cases for Wyoming		1	

*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 2008.

