2020 Mosquito-Borne Illnesses in Humans and Animals

Updated 09/29/2020

This county-by-county report shows human cases and other data currently reported to MSDH. WNV human cases and WNV-positive horses, mosquito samples and blood donors are indications that WNV is circulating in the state. All residents, regardless of county of residence, should take precautions to prevent WNV infection.

	Human Cases of Mosquito-Borne Illnesses					Horses	WNV Testing	
	WNV	Chikungunya	Zika	Other 1	Deaths	All Illnesses	Positive Mosquito Samples 2	Positive Blood Donors 3
TOTAL	7	0	0	0	0	0	91	0
Adams								
Alcorn								
Amite								
Attala								
Benton								
Bolivar								
Calhoun								
Carroll								
Chickasaw								
Choctaw								
Claiborne	2							
Clarke								
Clay								
Coahoma								
Copiah								
Covington								
De Soto								
Forrest								
Franklin								
George								
Greene	1							
Grenada								
Hancock								
Harrison								
Hinds							9	
Holmes							<u> </u>	
Humphreys								
Issaquena								
Itawamba								
Jackson							2	
Jasper							2	
Jefferson								
Jefferson Davis								
Jones			_					
Kemper								
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Lafayette								
Lamar								
Lauderdale								
Lawrence								
Leake								
Lee	1							
Leflore								
Lincoln							60	
Lowndes						-	-	
Madison	1	-				-	1	
Marion		-				-		
Marshall								
Monroe								
Montgomery	1							
Neshoba								
Newton								
Noxubee								
Oktibbeha								
Panola	1							
Pearl River								
Perry								
Pike								
Pontotoc								
Prentiss	1							

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Quitman					
Rankin	1				
Scott					
Sharkey					
Simpson					
Smith					
Stone					
Sunflower				3	
Tallahatchie					
Tate					
Tippah					
Tishomingo					
Tunica					
Union					
Walthall					
Warren					
Washington				16	
Wayne					
Webster					
Wilkinson					
Winston					
Yalobusha					
Yazoo					
Unspecified County					

Human case count represents only those confirmed by laboratory testing.

 1 Other mosquito-borne illnesses include La Crosse encephalitis, St. Louis encephalitis, and Eastern Equine encephalitis. Humans as well as horses

 can be infected with mosquito-borne illnesses, and infected horses indicate that humans may also be at risk.
 More about these diseases »

2 Mosquitoes are trapped and tested for West Nile virus in selected counties where a higher number of human cases have occurred in previous years. WNV-positive mosquitoes indicate that WNV is circulating in the state, and that all residents, regardless of location, should take precautions.

3 Infected blood donors are identified through routine screening to ensure the safety of transfusion products. WNV-positive blood donors who are symptomatic are included in the WNV human case count.