2018 Mosquito-Borne Illnesses in Humans and Animals

Updated 12/05/18

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	orses WNV Testing		
	WNV	Chikungunya	Zika	Other 1	Deaths	All Illnesses	Positive Mosquito Samples 2	Positive Blood Donors 3	
TOTAL	50	0	0	0	0	5	116	3	
Adams	2						6		
Alcorn									
Amite									
Attala	1								
Benton									
Bolivar							1		
Calhoun	3								
Carroll									
Chickasaw									
Choctaw									
Claiborne									
Clarke									
Clay									
Coahoma							15		
Copiah	1						1		
Covington									
De Soto	1								
Forrest	2						3		
Franklin									
George									
Greene									
Grenada									
Hancock						1			
Harrison	5					1	5		
Hinds	16						20		
Holmes									
Humphreys							1		
Issaquena							_		
Itawamba	1								
Jackson	1					1	1		
Jasper						_	_		
Jefferson									
Jefferson Davis									
Jones	1						2		
Kemper							_		
Lafayette									
Lamar									
Lauderdale	1								
Lawrence						1			
Leake						-			
Lee	2								
Leflore	<u> </u>								
Lincoln									
Lowndes									
Madison	2							1	
Marion	1						9	1	
Marshall	1						,	<u> </u>	
Monroe									
Montgomery									
Neshoba						1			
Newton						1			
Noxubee									
Oktibbeha	1								
Panola	1								
Pearl River	1						15		
Perry	1						15		
reny									

Pike Pontotoc Prentiss Prentis	
Prentiss	
Quitman	
Rankin 3 6 1	
Scott 3	
Sharkey	
Simpson	
Smith Smith	
Stone Stone	
Sunflower 12	
Tallahatchie	
Tate	
Tippah	
Tishomingo	
Tunica Unica	
Union Union	
Walthall 2	
Warren	
Washington 2 14	
Wayne	
Webster	
Wilkinson	
Winston	
Yalobusha 1	
Yazoo 1	
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.