

2025 Mosquito-Borne Illnesses in Humans and Animals

12/17/2025

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	37	0	0	2	5	9	142	13
Adams								
Alcorn	2					1		
Amite								
Attala	1							
Benton								
Bolivar							1	
Calhoun								1
Carroll								
Chickasaw	1							
Choctaw								
Claiborne								
Clarke						1		
Clay								
Coahoma								1
Copiah	3							
Covington								
De Soto	2							
Forrest	1							
Franklin								
George								
Greene								
Grenada	1							
Hancock						1	2	
Harrison	1						4	
Hinds	5				1		10	1
Holmes								1
Humphreys								
Issaquena								
Itawamba								
Jackson	3						61	1
Jasper								
Jefferson								
Jefferson Davis								
Jones								
Kemper								
Lafayette								
Lamar								1
Lauderdale						1		
Lawrence	1							
Leake								
Lee	1							
Leflore								
Lincoln							42	1
Lowndes	1							
Madison	4				1	1	12	
Marion								
Marshall								
Monroe	2					1		1
Montgomery								
Neshoba						1		
Newton								
Noxubee								
Oktibbeha	1						4	
Panola								
Pearl River						2		
Perry								
Pike								

Pontotoc								
Prentiss	1							
Quitman								
Rankin	2				1		1	2
Scott								
Sharkey								
Simpson								
Smith								
Stone								
Sunflower								
Tallahatchie								
Tate								
Tippah								
Tishomingo								
Tunica								
Union	1				1			
Walthall								
Warren								
Washington	2				1		5	
Wayne								
Webster								
Wilkinson								
Winston								
Yalobusha	1							1
Yazoo								2
Unspecified County								

Mississippi State Department of Health

Human case count represents only those confirmed by laboratory testing.

¹ Other mosquito-borne illnesses include La Crosse encephalitis, St. Louis encephalitis, Eastern Equine encephalitis, Malaria, and Dengue.

Malaria and Dengue cases are travel related, unless otherwise noted. 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.