

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.

Pontotoc							
Prentiss	1						
Quitman							
Rankin	2				1		2
Scott							
Sharkey							
Simpson							
Smith							
Stone							
Sunflower							
Tallahatchie							
Tate							
Tippah							
Tishomingo							
Tunica							
Union	1				1		
Walhall							
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.