

West Nile virus and other nationally notifiable arboviruses -- United States, 2024

Provisional data reported to ArboNET as of June 25, 2024

This update from the CDC Arboviral Disease Branch includes provisional data reported to ArboNET for January 1, 2024 – June 25, 2024 for human disease cases and infections caused by West Nile virus and selected other nationally notifiable arboviruses. Case counts include cases reported as confirmed or probable per national surveillance case definitions.

About ArboNET

ArboNET is a national arboviral surveillance system managed by CDC and state health departments. In addition to human disease, ArboNET maintains data on arboviral infections among presumptive viremic blood donors (PVDs), veterinary disease cases, mosquitoes, dead birds, and sentinel animals. As with other national surveillance data, ArboNET data has several limitations that should be considered in analysis, interpretation, and reporting.

For additional arboviral disease information and data, please visit the following websites:

1. CDC's Division of Vector-Borne Diseases: <http://www.cdc.gov/ncezid/dvbd/>
2. National Notifiable Diseases Surveillance System Case Definitions: <https://ndc.services.cdc.gov>
3. AABB (Association for the Advancement of Blood & Biotherapies):
<https://www.aabb.org/news-resources/resources/hemovigilance/west-nile-virus-biovigilance-network>

Table 1. West Nile virus disease cases and infections reported to ArboNET, 2024
Provisional data as of June 25, 2024

Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Arkansas	0	1	1	0	0
Arizona	1	0	1	0	0
Kansas	1	1	2	0	0
Maryland	1	0	1	0	0
Michigan	1	0	1	0	0
Mississippi	0	1	1	0	0
Tennessee	1	1	2	0	0
Texas	0	0	0	0	8
Totals	5	4	9	0	8

Table 2. Powassan virus disease cases reported to ArboNET, 2024
Provisional data as of June 25, 2024

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Connecticut	1	0	1	0
Massachusetts	3	0	3	1
Maine	2	0	2	1
Minnesota	2	0	2	1
New Hampshire	2	0	2	0
New Jersey	1	0	1	0
Rhode Island	1	0	1	0
Wisconsin	3	0	3	0
Totals	15	0	15	3

Table 3. Chikungunya virus disease cases reported to ArboNET, 2024
Provisional data as of June 25, 2024

Jurisdiction	Travel-associated disease cases	Locally acquired disease cases	Total cases
California	1	0	1
Colorado	3	0	3
Florida	2	0	2
Georgia	1	0	1
Massachusetts	12	0	12
Maryland	1	0	1
North Carolina	3	0	3
Nebraska	1	0	1
New Jersey	1	0	1
New York	2	0	2
Ohio	2	0	2
Oregon	3	0	3
Pennsylvania	1	0	1
Virginia	1	0	1
Totals	34	0	34

Table 4. Zika virus non-congenital disease cases reported to ArboNET, 2024
Provisional data as of June 25, 2024

Jurisdiction	Travel-associated disease cases	Locally acquired disease cases	Total cases
Kentucky	1	0	1
North Carolina	1	0	1
Oregon	1	0	1
Pennsylvania	2	0	2
Puerto Rico	0	9	9
Virginia	1	0	1
Totals	6	9	15