

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

Provisional data reported to ArboNET as of November 5, 2024

This update from the CDC Arboviral Disease Branch includes provisional data reported to ArboNET for January 1, 2024 – November 5, 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>

**Due to the Oropouche response, Oropouche has been added to this report. Oropouche virus disease is not currently a nationally notifiable condition. Jurisdictions are encouraged to voluntarily report identified cases to ArboNET. Interim case definitions can be found at <https://www.cdc.gov/oropouche/php/reporting/index.html>*

Table 1. West Nile virus disease cases and infections reported to ArboNET, 2024
Provisional data as of November 5, 2024

Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Alabama	28	3	31	0	5
Arkansas	4	0	4	1	0
Arizona	13	5	18	1	2
California	81	23	104	11	19
Colorado	37	33	70	4	7
Connecticut	8	1	9	0	0
District of Columbia	2	2	4	0	1
Delaware	1	1	2	0	5
Florida	9	1	10	0	7
Georgia	33	10	43	4	24
Hawaii	1	0	1	0	0
Iowa	12	3	15	0	1
Idaho	4	2	6	0	0
Illinois	44	11	55	9	6
Indiana	10	1	11	4	9
Kansas	9	11	20	0	1
Kentucky	4	1	5	1	0
Louisiana	25	9	34	2	5
Massachusetts	15	3	18	2	0
Maryland	19	2	21	1	2
Maine	1	1	2	0	0
Michigan	21	8	29	2	4
Minnesota	9	3	12	1	8
Missouri	9	2	11	1	0
Mississippi	39	14	53	7	13
Montana	2	1	3	0	1
North Carolina	23	0	23	2	13
North Dakota	22	16	38	0	8
Nebraska	47	42	89	2	18
New Hampshire	1	0	1	0	0
New Jersey	26	8	34	6	6
New Mexico	21	3	24	3	5
Nevada	11	14	25	0	4
New York	62	31	93	5	14
Ohio	11	1	12	3	4
Oklahoma	29	4	33	3	11
Pennsylvania	45	14	59	7	9
Rhode Island	3	1	4	0	1
South Carolina	1	1	2	0	2
South Dakota	5	15	20	1	4
Tennessee	7	1	8	0	0
Texas	86	38	124	22	93
Utah	10	1	11	0	2

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Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Virginia	7	4	11	1	3
Vermont	1	0	1	0	0
Wisconsin	25	8	33	4	13
West Virginia	2	0	2	0	0
Wyoming	1	1	2	1	2
Totals	886	354	1240	111	332

Table 2. Eastern equine encephalitis virus disease cases reported to ArboNET, 2024
Provisional data as of November 5, 2024

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Massachusetts	4	0	4	1
North Carolina	1	0	1	0
New Hampshire	5	0	5	2
New Jersey	1	0	1	0
New York	2	0	2	1
Rhode Island	1	0	1	0
Vermont	2	0	2	1
Wisconsin	1	0	1	0
Totals	17	0	17	5

Table 3. Jamestown Canyon virus disease cases reported to ArboNET, 2024
Provisional data as of November 5, 2024

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Michigan	3	0	3	0
Minnesota	2	2	4	0
New Hampshire	2	1	3	0
New Jersey	1	0	1	0
Wisconsin	3	3	6	0
Totals	11	6	17	0

Table 4. La Crosse virus disease cases reported to ArboNET, 2024
Provisional data as of November 5, 2024

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Minnesota	1	0	1	0
Missouri	1	0	1	0
North Carolina	10	0	10	0
Ohio	4	0	4	0
South Carolina	1	0	1	0
Tennessee	10	1	11	0
West Virginia	1	0	1	0
Totals	28	1	29	0

Table 5. Powassan virus disease cases reported to ArboNET, 2024
Provisional data as of November 5, 2024

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Connecticut	3	0	3	1
Massachusetts	11	0	11	1
Maine	3	0	3	1
Minnesota	12	0	12	3
New Hampshire	3	0	3	0
New Jersey	1	0	1	0
Pennsylvania	1	0	1	0
Rhode Island	1	0	1	0
Wisconsin	11	0	11	0
Totals	46	0	46	6

Table 6. Chikungunya virus disease cases reported to ArboNET, 2024
Provisional data as of November 5, 2024

Jurisdiction	Travel-associated disease cases	Locally acquired disease cases	Total cases
Arizona	1	0	1
California	16	0	16
Colorado	11	0	11
Florida	7	0	7
Georgia	1	0	1
Illinois	17	0	17
Kansas	3	0	3
Kentucky	1	0	1
Massachusetts	20	0	20
Maryland	5	0	5
Michigan	2	0	2
North Carolina	7	0	7
North Dakota	1	0	1
Nebraska	2	0	2
New Jersey	7	0	7
New York	10	0	10
Ohio	5	0	5
Oregon	4	0	4
Pennsylvania	6	0	6
Rhode Island	1	0	1
Tennessee	2	0	2
Texas	11	0	11
Virginia	8	0	8
Wisconsin	3	0	3
Totals	151	0	151

Table 7. Zika virus non-congenital disease cases reported to ArboNET, 2024
Provisional data as of November 5, 2024

Jurisdiction	Travel-associated disease cases	Locally acquired disease cases	Total cases
California	2	0	2
Indiana	1	0	1
Massachusetts	3	0	3
Maryland	4	0	4
North Carolina	1	0	1
Oregon	2	0	2
Pennsylvania	2	0	2
Puerto Rico	0	9	9
Texas	1	0	1
Virginia	1	0	1
Totals	17	9	26

Table 8. Oropouche virus disease cases reported to ArboNET, 2024*
Provisional data as of November 5, 2024

Jurisdiction	Travel-associated disease cases	Locally acquired disease cases	Total cases
California	1	0	1
Colorado	1	0	1
Florida	90	0	90
Kentucky	1	0	1
New York	1	0	1
Totals	94	0	94

*Oropouche is not currently a nationally notifiable condition. Jurisdictions are encouraged to voluntarily report identified cases to ArboNET. Interim case definitions can be found at <https://www.cdc.gov/oropouche/php/reporting/index.html>