

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

### Provisional data reported to ArboNET as of December 17, 2024

This update from the CDC Arboviral Disease Branch includes provisional data reported to ArboNET for January 1, 2024 – December 17, 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 December 17, 2024*

Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Alabama	29	4	33	0	5
Arkansas	5	1	6	1	0
Arizona	21	10	31	2	5
California	96	24	120	12	19
Colorado	38	38	76	6	8
Connecticut	8	1	9	0	0
District of Columbia	2	2	4	0	1
Delaware	1	1	2	0	5
Florida	14	3	17	0	7
Georgia	40	13	53	5	26
Hawaii	1	0	1	0	0
Iowa	15	5	20	1	1
Idaho	4	2	6	0	0
Illinois	47	12	59	10	6
Indiana	9	1	10	3	9
Kansas	11	12	23	0	1
Kentucky	7	1	8	1	0
Louisiana	37	13	50	3	5
Massachusetts	16	3	19	2	0
Maryland	20	2	22	1	2
Maine	1	1	2	0	0
Michigan	23	8	31	3	4
Minnesota	11	4	15	1	8
Missouri	11	2	13	1	0
Mississippi	42	16	58	6	13
Montana	2	1	3	0	1
North Carolina	25	0	25	2	13
North Dakota	22	16	38	0	8
Nebraska	47	43	90	2	19
New Hampshire	1	0	1	0	0
New Jersey	30	8	38	8	6
New Mexico	25	3	28	3	5
Nevada	13	14	27	0	4
New York	66	32	98	4	15
Ohio	11	2	13	3	4
Oklahoma	31	5	36	3	11
Pennsylvania	49	13	62	7	9
Rhode Island	3	3	6	0	1
South Carolina	1	1	2	0	2
South Dakota	5	16	21	1	4
Tennessee	8	1	9	0	0
Texas	122	41	163	26	97
Utah	10	1	11	0	3

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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
Washington	0	1	1	1	0
Wisconsin	27	7	34	5	13
West Virginia	2	0	2	0	0
Wyoming	1	1	2	1	3
<b>Totals</b>	<b>1018</b>	<b>392</b>	<b>1410</b>	<b>125</b>	<b>346</b>

**Table 2. Eastern equine encephalitis virus disease cases reported to ArboNET, 2024**  
*Provisional data as of December 17, 2024*

<b>Jurisdiction</b>	<b>Neuroinvasive disease cases</b>	<b>Non-neuroinvasive disease cases</b>	<b>Total cases</b>	<b>Deaths</b>
Massachusetts	4	0	4	1
Maine	1	0	1	0
North Carolina	1	0	1	0
New Hampshire	5	0	5	2
New Jersey	2	0	2	0
New York	2	0	2	1
Rhode Island	1	0	1	0
Vermont	2	0	2	1
Wisconsin	1	0	1	0
<b>Totals</b>	<b>19</b>	<b>0</b>	<b>19</b>	<b>5</b>

**Table 3. Jamestown Canyon virus disease cases reported to ArboNET, 2024**  
*Provisional data as of December 17, 2024*

<b>Jurisdiction</b>	<b>Neuroinvasive disease cases</b>	<b>Non-neuroinvasive disease cases</b>	<b>Total cases</b>	<b>Deaths</b>
Michigan	5	0	5	0
Minnesota	2	2	4	0
New Hampshire	2	1	3	0
New Jersey	1	0	1	0
Wisconsin	5	4	9	1
<b>Totals</b>	<b>15</b>	<b>7</b>	<b>22</b>	<b>1</b>

**Table 4. La Crosse virus disease cases reported to ArboNET, 2024**  
*Provisional data as of December 17, 2024*

<b>Jurisdiction</b>	<b>Neuroinvasive disease cases</b>	<b>Non-neuroinvasive disease cases</b>	<b>Total cases</b>	<b>Deaths</b>
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	11	1	12	0
West Virginia	1	0	1	0
<b>Totals</b>	<b>29</b>	<b>1</b>	<b>30</b>	<b>0</b>

**Table 5. Powassan virus disease cases reported to ArboNET, 2024**  
*Provisional data as of December 17, 2024*

<b>Jurisdiction</b>	<b>Neuroinvasive disease cases</b>	<b>Non-neuroinvasive disease cases</b>	<b>Total cases</b>	<b>Deaths</b>
Connecticut	3	0	3	1
Massachusetts	11	0	11	1
Maine	4	0	4	1
Minnesota	13	0	13	3
New Hampshire	3	0	3	0
New Jersey	1	0	1	0
New York	2	0	2	0
Pennsylvania	1	0	1	0
Rhode Island	1	0	1	0
Wisconsin	11	0	11	0
<b>Totals</b>	<b>50</b>	<b>0</b>	<b>50</b>	<b>6</b>

**Table 6. Chikungunya virus disease cases reported to ArboNET, 2024**  
*Provisional data as of December 17, 2024*

<b>Jurisdiction</b>	<b>Travel-associated disease cases</b>	<b>Locally acquired disease cases</b>	<b>Total cases</b>
Arizona	3	0	3
California	20	0	20
Colorado	11	0	11
Florida	9	0	9
Georgia	1	0	1
Illinois	19	0	19
Kansas	3	0	3
Kentucky	1	0	1
Massachusetts	20	0	20
Maryland	6	0	6
Michigan	2	0	2
Minnesota	1	0	1
North Carolina	10	0	10
North Dakota	1	0	1
Nebraska	2	0	2
New Jersey	8	0	8
New York	12	0	12
Ohio	5	0	5
Oregon	4	0	4
Pennsylvania	7	0	7
Rhode Island	1	0	1
Tennessee	2	0	2
Texas	21	0	21
Virginia	8	0	8
Washington	3	0	3
Wisconsin	3	0	3
<b>Totals</b>	<b>183</b>	<b>0</b>	<b>183</b>



**Table 7. Zika virus non-congenital disease cases reported to ArboNET, 2024**  
*Provisional data as of December 17, 2024*

<b>Jurisdiction</b>	<b>Travel-associated disease cases</b>	<b>Locally acquired disease cases</b>	<b>Total cases</b>
California	2	0	2
Indiana	1	0	1
Massachusetts	3	0	3
Maryland	5	0	5
North Carolina	1	0	1
Oregon	2	0	2
Pennsylvania	1	0	1
Puerto Rico	0	9	9
Texas	1	0	1
Virginia	1	0	1
<b>Totals</b>	<b>17</b>	<b>9</b>	<b>26</b>

**Table 8. Oropouche virus disease cases reported to ArboNET, 2024\***  
*Provisional data as of December 17, 2024*

<b>Jurisdiction</b>	<b>Travel-associated disease cases</b>	<b>Locally acquired disease cases</b>	<b>Total cases</b>
California	1	0	1
Colorado	1	0	1
Florida	96	0	96
Kentucky	1	0	1
New Jersey	1	0	1
New York	1	0	1
<b>Totals</b>	<b>101</b>	<b>0</b>	<b>101</b>

\*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>