

## West Nile virus and other nationally notifiable arboviruses -- United States, 2023

### Provisional data reported to ArboNET as of January 9, 2024

This update from the CDC Arboviral Disease Branch includes provisional data reported to ArboNET for January 1, 2023 – January 9, 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, 2023**  
*Provisional data as of January 9, 2024*

Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Alabama	23	3	26	1	3
Arkansas	6	3	9	1	0
Arizona	65	18	83	11	8
California	272	95	367	13	36
Colorado	309	317	626	48	122
Connecticut	1	3	4	0	0
District of Columbia	1	0	1	0	0
Delaware	4	0	4	0	0
Florida	6	3	9	1	5
Georgia	17	2	19	3	10
Iowa	12	5	17	1	5
Idaho	28	9	37	3	4
Illinois	100	13	113	6	42
Indiana	9	4	13	0	4
Kansas	46	19	65	4	31
Kentucky	4	1	5	2	0
Louisiana	44	7	51	4	13
Massachusetts	5	1	6	1	1
Maryland	5	5	10	2	0
Michigan	19	2	21	2	2
Minnesota	27	16	43	2	48
Missouri	31	2	33	2	11
Mississippi	27	10	37	0	5
Montana	23	19	42	1	9
North Carolina	15	0	15	0	7
North Dakota	32	25	57	1	14
Nebraska	90	60	150	10	42
New Hampshire	1	0	1	0	0
New Jersey	11	3	14	1	4
New Mexico	54	26	80	8	11
Nevada	1	0	1	1	0
New York	45	10	55	4	2
Ohio	16	2	18	2	4
Oklahoma	38	13	51	3	12
Oregon	9	8	17	1	3
Pennsylvania	17	3	20	4	2
Rhode Island	1	0	1	0	0
South Carolina	9	3	12	0	8
South Dakota	46	47	93	4	11
Tennessee	13	2	15	4	3
Texas	67	25	92	6	28
Utah	5	3	8	1	1
Virginia	9	3	12	0	0

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Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Washington	3	1	4	0	0
Wisconsin	20	2	22	2	7
West Virginia	1	0	1	0	0
Wyoming	12	14	26	2	14
<b>Totals</b>	<b>1599</b>	<b>807</b>	<b>2406</b>	<b>162</b>	<b>532</b>

**Table 2. Eastern equine encephalitis virus disease cases reported to ArboNET, 2023**  
*Provisional data as of January 9, 2024*

<b>Jurisdiction</b>	<b>Neuroinvasive disease cases</b>	<b>Non-neuroinvasive disease cases</b>	<b>Total cases</b>	<b>Deaths</b>
Alabama	3	0	3	1
Florida	2	0	2	0
Georgia	1	0	1	0
Louisiana	1	0	1	0
<b>Totals</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>1</b>

**Table 3. Jamestown Canyon virus disease cases reported to ArboNET, 2023**  
*Provisional data as of January 9, 2024*

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Illinois	0	1	1	0
Michigan	3	2	5	1
Minnesota	2	0	2	0
New Hampshire	0	2	2	0
New Jersey	1	0	1	0
New York	1	0	1	0
Wisconsin	8	1	9	1
<b>Totals</b>	<b>15</b>	<b>6</b>	<b>21</b>	<b>2</b>

**Table 4. La Crosse virus disease cases reported to ArboNET, 2023**  
*Provisional data as of January 9, 2024*

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Iowa	1	0	1	0
Indiana	1	0	1	0
Minnesota	1	0	1	0
North Carolina	2	0	2	0
Ohio	12	0	12	0
South Carolina	1	0	1	0
Tennessee	5	0	5	0
Virginia	2	0	2	0
Wisconsin	1	0	1	0
West Virginia	4	1	5	0
<b>Totals</b>	<b>30</b>	<b>1</b>	<b>31</b>	<b>0</b>

**Table 5. Powassan virus disease cases reported to ArboNET, 2023**  
*Provisional data as of January 9, 2024*

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Connecticut	5	0	5	0
Massachusetts	9	1	10	2
Maryland	1	0	1	1
Maine	5	0	5	1
Minnesota	8	0	8	2
New Hampshire	3	0	3	0
New York	6	0	6	1
Pennsylvania	2	0	2	0
Rhode Island	1	0	1	1
Vermont	1	0	1	0
Wisconsin	2	0	2	0
<b>Totals</b>	<b>43</b>	<b>1</b>	<b>44</b>	<b>8</b>

**Table 6. St. Louis encephalitis virus disease cases reported to ArboNET, 2023**  
*Provisional data as of January 9, 2024*

<b>Jurisdiction</b>	<b>Neuroinvasive disease cases</b>	<b>Non-neuroinvasive disease cases</b>	<b>Total cases</b>	<b>Deaths</b>
California	11	6	17	2
South Carolina	1	0	1	0
Washington	1	0	1	0
<b>Totals</b>	<b>13</b>	<b>6</b>	<b>19</b>	<b>2</b>



**Table 7. Chikungunya virus disease cases reported to ArboNET, 2023**  
*Provisional data as of January 9, 2024*

<b>Jurisdiction</b>	<b>Travel-associated disease cases</b>	<b>Locally acquired disease cases</b>	<b>Total cases</b>
Alabama	1	0	1
California	8	0	8
Colorado	7	0	7
Florida	3	0	3
Illinois	10	0	10
Louisiana	1	0	1
Massachusetts	6	0	6
Maryland	5	0	5
Michigan	1	0	1
Minnesota	2	0	2
Missouri	1	0	1
North Carolina	5	0	5
New Jersey	12	0	12
New York	23	0	23
Oregon	2	0	2
Pennsylvania	5	0	5
Rhode Island	1	0	1
South Carolina	1	0	1
Utah	2	0	2
Virginia	4	0	4
Washington	7	0	7
Wisconsin	1	0	1
<b>Totals</b>	<b>108</b>	<b>0</b>	<b>108</b>

**Table 8. Zika virus non-congenital disease cases reported to ArboNET, 2023**  
*Provisional data as of January 9, 2024*

<b>Jurisdiction</b>	<b>Travel-associated disease cases</b>	<b>Locally acquired disease cases</b>	<b>Total cases</b>
Idaho	1	0	1
Illinois	1	0	1
Maryland	1	0	1
Puerto Rico	0	27	27
Utah	1	0	1
<b>Totals</b>	<b>4</b>	<b>27</b>	<b>31</b>