

West Nile virus and other nationally notifiable arboviruses -- United States, 2021

Provisional data reported to ArboNET as of January 11, 2022

This update from the CDC Arboviral Disease Branch includes provisional data reported to ArboNET for January 1, 2021–January 11, 2022 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.

For information on non-human arboviral activity, please visit the interactive CDC Disease Maps listed below.

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/case-definitions/>
3. CDC Disease Maps: https://wwwn.cdc.gov/arboNET/Maps/ADB_Diseases_Map/index.html
4. AABB (American Association of Blood Banks): <http://www.aabb.org/programs/biovigilance/Pages/wnv.aspx>

Table 1. West Nile virus disease cases and infections reported to ArboNET, 2021
Provisional data as of January 11, 2022

Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Alabama	9	3	12	0	3
Alaska	1	0	1	0	0
Arizona	1114	531	1645	112	122
Arkansas	2	0	2	2	0
California	88	27	115	11	18
Colorado	99	75	174	10	24
Connecticut	4	2	6	0	3
Delaware	3	0	3	0	0
District of Columbia	3	2	5	1	0
Florida	5	0	5	0	2
Georgia	3	1	4	1	1
Idaho	12	4	16	2	4
Illinois	44	17	61	3	4
Indiana	10	2	12	1	1
Iowa	4	2	6	0	3
Kansas	8	2	10	0	6
Kentucky	3	0	3	0	0
Louisiana	16	5	21	2	1
Maine	0	0	0	0	1
Maryland	2	2	4	0	0
Massachusetts	8	2	10	0	0
Michigan	35	11	46	7	7
Minnesota	20	7	27	0	17
Mississippi	4	3	7	0	0
Missouri	11	1	12	1	0
Montana	2	0	2	0	0
Nebraska	69	38	107	8	18
Nevada	1	0	1	0	0
New Jersey	26	10	36	5	3
New Mexico	30	4	34	7	7
New York	35	5	40	1	3
North Carolina	8	0	8	1	2
North Dakota	12	18	30	1	9
Ohio	11	2	13	1	1
Oklahoma	2	1	3	0	2
Oregon	2	3	5	0	0
Pennsylvania	21	5	26	1	1
Rhode Island	1	1	2	0	0
South Carolina	6	3	9	0	8
South Dakota	17	30	47	1	6
Tennessee	3	1	4	0	0
Texas	68	9	77	9	47
Utah	21	7	28	3	0

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Jurisdiction	Human disease cases				Presumptive viremic blood donors
	Neuroinvasive cases	Non-neuroinvasive cases	Total	Deaths	
Vermont	1	0	1	0	0
Virginia	2	2	4	0	0
Washington	4	0	4	0	4
Wisconsin	5	1	6	0	1
Wyoming	0	1	1	0	0
Totals	1855	840	2695	191	329

Table 2. Eastern equine encephalitis virus disease cases reported to ArboNET, 2021
Provisional data as of January 11, 2022

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Georgia	2	0	2	1
Michigan	1	0	1	0
North Carolina	1	0	1	0
Totals	4	0	4	1

Table 3. Jamestown Canyon virus disease cases reported to ArboNET, 2021
Provisional data as of January 11, 2022

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Indiana	1	0	1	0
Maine	1	0	1	0
Michigan	3	2	5	0
Minnesota	4	2	6	0
New Hampshire	3	1	4	1
New Jersey	1	1	2	1
Rhode Island	1	0	1	0
Wisconsin	3	4	7	0
Totals	17	10	27	2

Table 4. La Crosse virus disease cases reported to ArboNET, 2021
Provisional data as of January 11, 2022

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Illinois	1	0	1	0
Indiana	1	0	1	0
Michigan	1	0	1	0
North Carolina	8	0	8	0
Ohio	17	1	18	0
Tennessee	6	0	6	0
Wisconsin	2	0	2	0
Totals	36	1	37	0

Table 5. Powassan virus disease cases reported to ArboNET, 2021
Provisional data as of January 11, 2022

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Connecticut	3	0	3	0
Maine	3	0	3	0
Massachusetts	6	0	6	0
Minnesota	1	0	1	1
New York	1	0	1	1
Ohio	1	0	1	0
Rhode Island	1	0	1	0
Wisconsin	2	1	3	0
Totals	18	1	19	2

Table 6. St. Louis encephalitis virus disease cases reported to ArboNET, 2021
Provisional data as of January 11, 2022

Jurisdiction	Neuroinvasive disease cases	Non-neuroinvasive disease cases	Total cases	Deaths
Arizona	3	3	6	0
California	3	0	3	0
Louisiana	1	0	1	0
Totals	7	3	10	0

Table 7. Chikungunya virus disease cases reported to ArboNET, 2021
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Jurisdiction	Travel-associated disease cases	Locally acquired disease cases	Total cases
California	3	0	3
Colorado	2	0	2
Florida	1	0	1
Illinois	1	0	1
Indiana	1	0	1
Kentucky	1	0	1
Louisiana	1	0	1
Massachusetts	1	0	1
Minnesota	1	0	1
Missouri	1	0	1
New Jersey	2	0	2
New Mexico	1	0	1
North Carolina	3	0	3
Oregon	1	0	1
South Carolina	1	0	1
Washington	1	0	1
Totals	22	0	22

Table 8. Zika virus non-congenital disease cases reported to ArboNET, 2021
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Jurisdiction	Travel-associated disease cases	Locally acquired disease cases	Total cases
Alabama	1	0	1
California	1	0	1
Puerto Rico	0	32	32
Totals	2	32	34