



JULY 16, 2024

Current Year Data (2024)

KEY POINTS

- ArboNET is a national arboviral surveillance system managed by CDC and state health departments.
- These data are preliminary and subject to change.
- Current season data are updated every one to two weeks during June through December.
- Due to delays in reporting, state, territorial, and local health departments may have more up-to-date information than what is presented here.

View the data for West Nile

Data are current as of *July 16, 2024*.

Total Human Disease Cases in 2024*

25

West Nile virus disease cases in 2024

Neuroinvasive Human Disease Cases in 2024

11

West Nile virus neuroinvasive disease cases in 2024

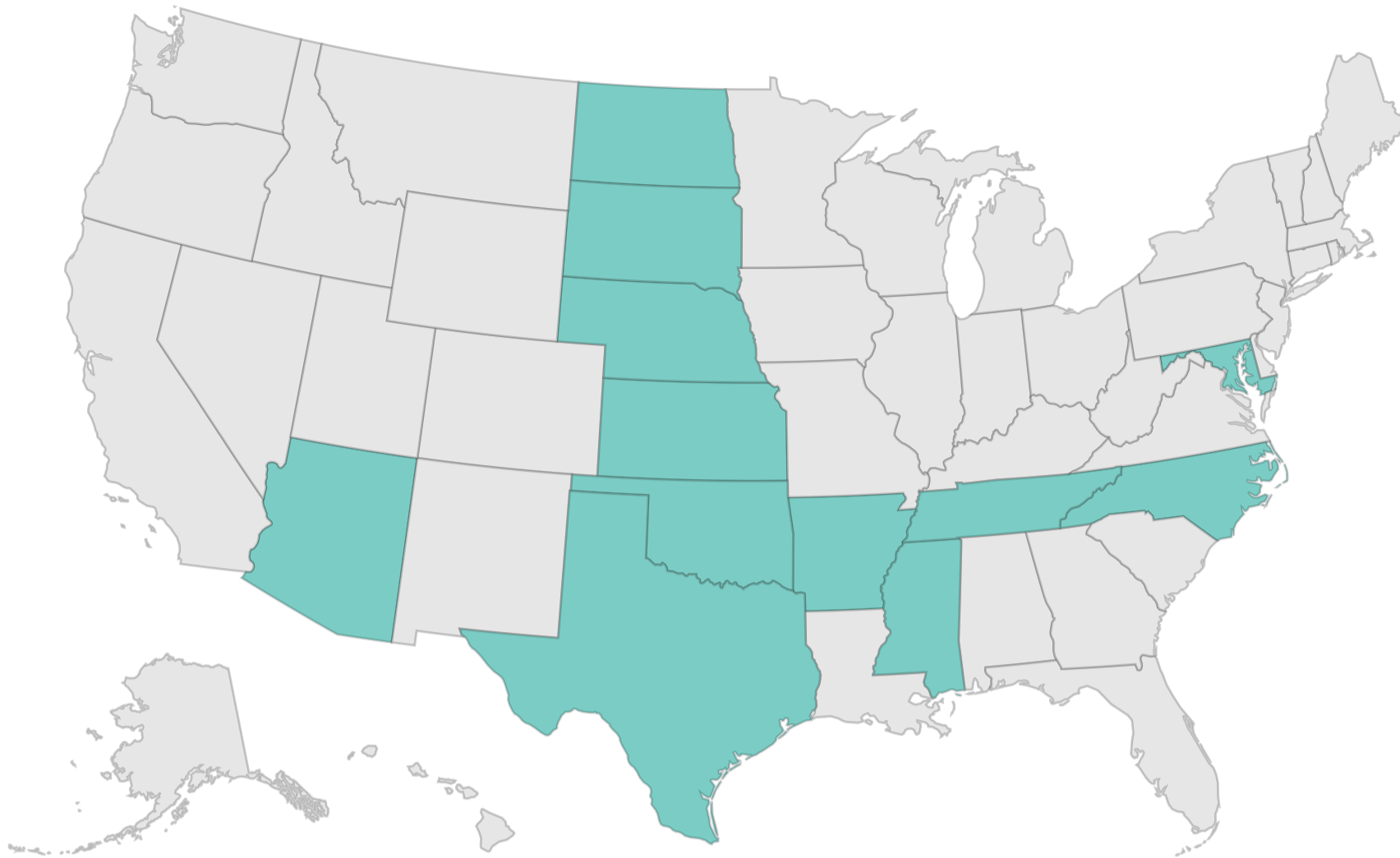
States Reporting Human Disease Cases in 2024

14

States reporting West Nile virus disease cases in 2024

*Total human disease cases includes neuroinvasive and non-neuroinvasive disease cases.

West Nile virus human disease cases reported by state of residence, 2024



● 1 to 5 ● 6 to 8 ● 9 to 25 ● >25

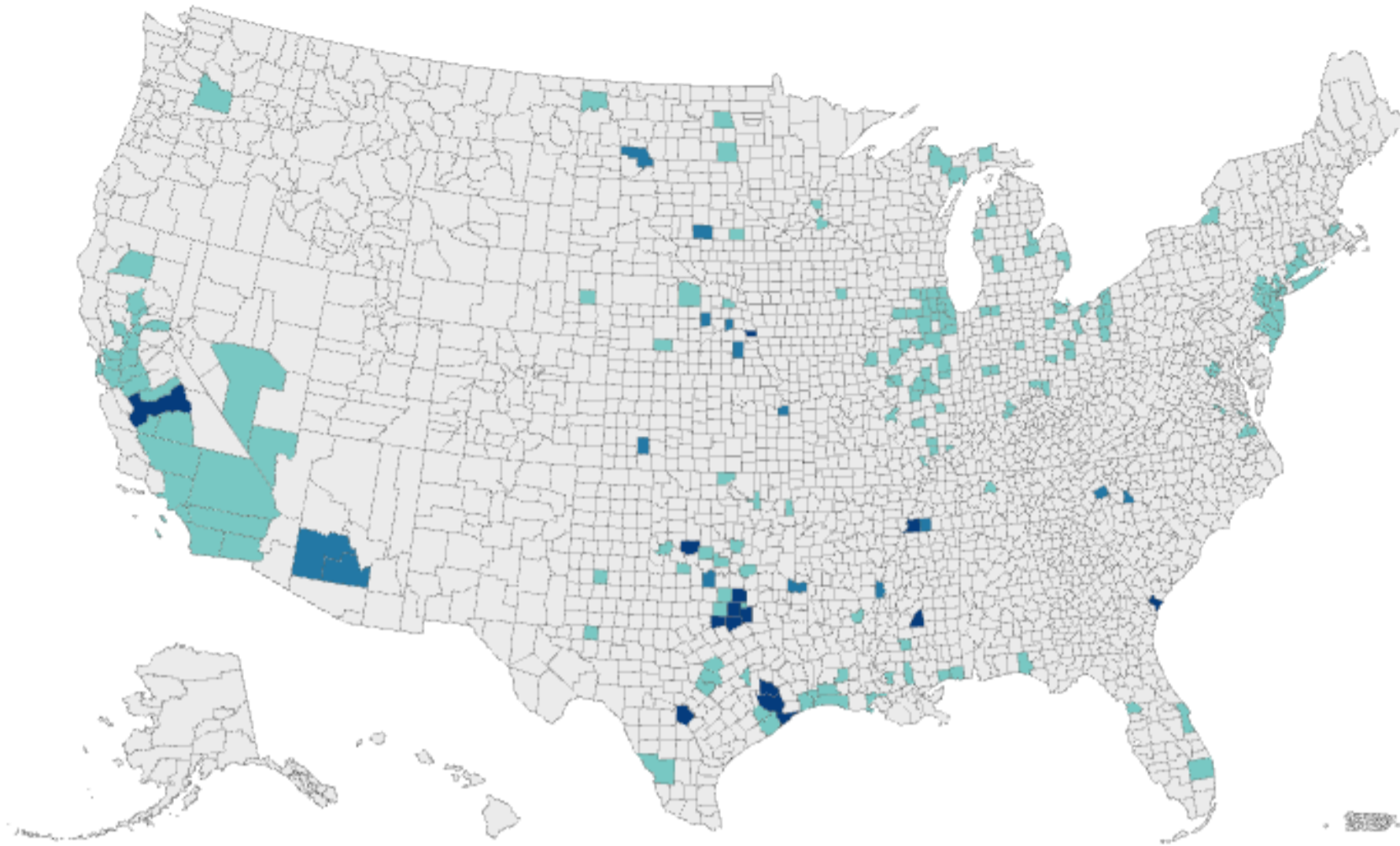
[Download Data \(CSV\)](#)

Data Table - West Nile virus human disease cases reported by state of residence, 2024

State	Reported Disease Cases
● Arizona	4
● Arkansas	1
● Kansas	2
● Maryland	2
● Mississippi	1
● Nebraska	4
● North Carolina	2
● North Dakota	1
● Oklahoma	1
● South Dakota	1
● Tennessee	2
● Texas	4

West Nile virus human and non-human activity by county of residence, 2024*

View the total number of human infections reported by county by hovering over the shaded counties below



● Non-human activity ● Human infections ● Human infections and non-human activity

**Maryland reports state level data only; South Carolina reports state level data only for human infections*

About this map:

Non-human activity: Indicates that veterinary disease cases or infections in mosquitoes, birds, or sentinel animals have been reported to CDC.

Human infections: Indicates that human disease cases or infections in blood donors have been reported to CDC.

Human infections and non-human activity: Indicates that both human infections and non-human infections have been reported to CDC.

[Download Data \(CSV\)](#)

Data Table - West Nile virus human and non-human activity by county of residence, 2024*



**Presumptive viremic blood donors (PVD) are people who had no symptoms at the time of donating blood through a blood collection agency, but whose blood tested positive when screened for the presence of West Nile virus. Some PVDs develop symptoms after donation.



Limitations of ArboNET data

Surveillance data have several limitations that should be considered when using and interpreting the data.

1. Under-reporting is a limitation common to all surveillance systems that rely on healthcare providers to consider the disease as a possible diagnosis in a patient, obtain the appropriate laboratory test, and report confirmed to public health authorities.
2. Cases of mild illness (non-neuroinvasive disease) are more likely to be underreported compared to more severe disease (neuroinvasive) cases. The degree of underreporting varies by disease awareness and healthcare-seeking behavior in any area. Surveillance data for non-neuroinvasive disease should not be used to make comparisons of disease activity between different locations or over time.
3. Surveillance data are reported by county of residence, not the location (county or state) of exposure.
4. Non-human surveillance is conducted variably across the country. Absence of non-human activity reported to CDC should not be interpreted as no risk.

5. There is a lag in case reporting to CDC and states and territories may publish surveillance data on different schedules than CDC.

SOURCES

CONTENT SOURCE:

[National Center for Emerging and Zoonotic Infectious Diseases \(NCEZID\)](#)