



Division of Community and Public Health

[CDC WNV Cases Maps and Data \(updated weekly\)](#)

Missouri Department of Health and Senior Services 2021 Reports of Mosquito-borne Disease in Humans Week 52 Ending January 01, 2022

Total verified domestic human mosquito-borne disease cases: 14
Total verified domestic mosquito-borne disease-related fatalities*: 1

PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.

Table 1: West Nile virus and other domestic arboviruses

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality*	Hospitalized
Heartland	Confirmed	Yes	Putnam	N/A	05/06/2021	No	Yes
West Nile	Confirmed	Yes	Laclede	N/A	07/19/2021	No	Yes
West Nile	Probable	Yes	St Charles	Acquired out of state	08/20/2021	No	Yes
West Nile	Probable	Yes	St Louis County	N/A	09/11/2021	No	Yes
West Nile	Probable	Yes	St Louis County	N/A	09/07/2021	No	Yes
West Nile	Probable	Yes	St Louis City	Acquired out of state	09/01/2021	No	Yes
West Nile	Probable	Yes	Jackson	Acquired out of state	08/20/2021	No	No
West Nile	Probable	Yes	Cass	N/A	08/15/2021	No	Unknown
West Nile	Probable	Yes	St Louis City	N/A	09/06/2021	No	Yes
West Nile	Confirmed	Yes	Boone	N/A	08/29/2021	Yes	Yes
West Nile	Probable	Yes	Jackson	N/A	10/06/2021	No	Yes
Heartland	Confirmed	Yes	Nodaway	N/A	09/18/2021	No	Yes
West Nile	Probable	Yes	St Louis City	N/A	10/07/2021	No	Yes
West Nile	Probable	Yes	Jackson	N/A	10/08/2021	No	Yes

**Summary of Domestic Human Mosquito-borne Disease
Cases Reported by Local Health Agency**

Local Health Agency	Number of Reported Cases
Putnam County	1
Laclede County	1
St Charles County	1
St Louis County	2
St Louis City	3
Jackson County	3
Cass County	1
Boone County	1
Nodaway County	1

Table 2: Imported Chikungunya virus infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3: Imported dengue infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 4: Imported zika infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A

- WNV** = West Nile virus
- SLE** = St. Louis encephalitis virus
- DEN** = dengue virus
- EEE** = Eastern Equine encephalitis virus
- CHIK** = chikungunya virus
- ZIKA** = zika virus
- N/A** = Information not available

*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

Contact us at:
 Section for Disease Prevention
 P.O. Box 570, 930 Wildwood Drive
 Jefferson City, MO 65102-570
 Phone: 573-526-4780 Fax: 573-526-0235
 Toll Free: 1-866-628-9891