



**Division of Community and Public Health**

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

**Missouri Department of Health and Senior Services**

**2022 Reports of Arboviral Disease in Humans  
Week 52**

**Ending December 31, 2022**

**Total verified domestic human arboviral disease cases: 15**  
**Total verified domestic arboviral disease-related fatalities\*: 2**

**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 mosquito-borne arboviruses**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality*	Hospitalized
West Nile	Probable	No	St. Louis City	N/A	08/10/2022	Yes	Yes
West Nile	Probable	No	Jackson	N/A	07/01/2022	No	Yes
West Nile	Probable	No	St. Louis County	N/A	07/23/2022	Yes	Yes
West Nile	Probable	No	St. Louis City	N/A	07/26/2022	No	Yes
West Nile	Probable	No	Caldwell	N/A	08/27/2022	No	Yes
West Nile	Probable	No	Platte	N/A	08/26/2022	No	Yes
West Nile	Probable	No	Vernon	N/A	08/06/2022	No	Yes
West Nile	Probable	No	Jackson	N/A	09/01/2022	No	Yes
West Nile	Probable	No	Boone	N/A	09/10/2022	No	No
West Nile	Probable	No	Greene	N/A	09/19/2022	No	Yes
West Nile	Probable	No	Greene	N/A	09/20/2022	No	No
West Nile	Probable	No	Clinton	N/A	10/02/2022	No	Yes
West Nile	Probable	No	Franklin	N/A	08/07/2022	No	No
West Nile	Probable	No	St. Louis City	NA	10/09/2022	No	Yes

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

Local Health Agency	Number of Reported Cases
Boone	1
Caldwell	1
Clinton	1
Franklin	1
Greene	2
Jackson	2
Platte	1
St. Louis City	3
St. Louis County	1
Vernon	1

**Table 2: Heartland infections**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Onset Date	Fatality*	Hospitalized
Heartland	Confirmed	Yes	Jasper	06/26/2022	No	Yes

**Table 3: 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 4: Imported dengue infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
Dengue	Confirmed	Yes	Cuba	10/30/2022	No	No
Dengue	Confirmed	Yes	Cuba	10/30/2022	No	No

**Table 5: 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

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**Missouri Department of Health and Senior Services**

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RELAY MISSOURI for Hearing and Speech Impaired and Voice dial: 711

**Paula F. Nickelson**  
Acting Director



**Michael L. Parson**  
Governor

- 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:  
Zoonotic Disease Program  
Bureau of Communicable Disease Control and Prevention  
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Jefferson City, MO 65102-570  
Phone: 573-751-6113 Fax: 573-751-4664  
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