



Division of Community and Public Health

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

Missouri Department of Health and Senior Services

**2024 Reports of Arboviral Disease in Humans
Week 36
Ending September 7, 2024**

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
WNV	Probable	No	Lincoln	Not Imported	7/4/2024	Yes	Yes
WNV	Confirmed	Yes	St. Louis County	Not Imported	7/12/2024	No	Yes
WNV	Probable	No	Jackson	Not Imported	7/14/2024	No	Yes
WNV	Probable	No	Lincoln	Not Imported	7/11/2024	No	Yes
WNV	Confirmed	Yes	Boone	Not Imported	7/30/2024	No	No
WNV	Probably	No	Jackson	Not Imported	7/14/2024	No	Yes

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

Local Health Agency	Number of Reported Cases
Lincoln	2
St. Louis County	1
Jackson	2
Boone	1

Total verified domestic human arboviral disease cases: 6
Total verified domestic arboviral disease-related fatalities*: 1

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Missouri Department of Health and Senior Services

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010
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Paula F. Nickelson
Director



Michael L. Parson
Governor

Table 2: Heartland infections

Arbovirus	Case Status	Laboratory Confirmed	County Name	Onset Date	Fatality*	Hospitalized
Heartland	Probable	No	Montgomery	6/29/2024	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
DEN	Probable	No	Martinique	2/6/2024	No	No
DEN	Probable	No	Puerto Rico	4/1/2024	No	Yes
DEN	Confirmed	Yes	Brazil	5/29/2024	No	No
DEN	Confirmed	Yes	India	7/10/2024	No	No
DEN	Probable	No	Puerto Rico	3/5/2024	No	Yes
DEN	Probable	No	Cuba	7/28/2024	No	Unknown
DEN	Probable	No	El Salvador	7/31/2024	No	Yes
DEN	Confirmed	Yes	Honduras	8/15/2024	No	Yes
DEN	Confirmed	Yes	Thailand	8/26/2024	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

- 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.

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Director



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Governor

Contact us at:
Zoonotic Disease Program
Bureau of Communicable Disease Control and Prevention
P. O. Box 570, 930 Wildwood Drive
Jefferson City, MO 65102-570
Phone: 573-751-6113 Fax: 573-751-4664
Email: DHSS.OVPH@health.mo.gov

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