



Division of Community and Public Health

[USGS map of Missouri Human Cases \(updated weekly\)](#)

**Missouri Department of Health and Senior Services
2011 Reports of Mosquito-borne Disease in Humans
As of December 31, 2011**

**Total verified domestic human mosquito-borne disease cases: 12
Total verified domestic mosquito-borne disease-related fatalities*: None**

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	Local Health Agency	County Name	Onset Date	Age	Sex	Fatality*	Hospitalized
WNV	Confirmed	Yes	St. Louis County	St. Louis County	1/26/2011	53	Male	No	Yes
WNV	Probable	No	St. Louis City	St. Louis City	8/1/2011	48	Female	No	No
WNV	Confirmed	Yes	Jefferson County	Jefferson County	8/2/2011	49	Male	No	Yes
WNV	Probable	No	St. Louis County	St. Louis County	8/23/2011	12	Male	No	Yes
EEE*	Confirmed	Yes	St. Louis County	St. Louis County	8/25/2011	78	Female	No	Yes
WNV	Probable	No	Nodaway County	Nodaway County	8/28/2011	N/A	N/A	No	No
WNV	Confirmed	Yes	St. Louis City	St. Louis City	9/2/2011	77	Female	No	Yes
WNV	Probable	No	Scott County	Scott County	9/3/2011	N/A	N/A	No	Yes
WNV	Confirmed	Yes	St. Louis County	St. Louis County	9/3/2011	50	Female	No	Yes
WNV	Confirmed	Yes	St. Louis City	St. Louis City	9/9/2011	56	Male	No	Yes
WNV	Confirmed	Yes	Shannon County	Shannon County	9/19/2011	N/A	N/A	No	Yes
SLE	Probable	No	Columbia/Boone County	Boone County	10/9/2011	69	Female	No	No

*Eastern Equine Encephalitis is not normally encountered in Missouri. The current case is imported from outside of Missouri.

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

Local Health Agency	Number of Reported Cases
Columbia/Boone County	1
Jefferson County	1
Nodaway County	1
St. Louis City	3
St. Louis County	4
Scott County	1
Shannon County	1

Total verified imported human dengue infections: None

Table 2: Imported dengue infections

Arbovirus	Case Status	Laboratory Confirmed	Local Health Agency	County Name	Onset Date	Age	Sex	Fatality*	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Summary of Imported Human Dengue Infections
Reported by Local Health Agency**

Local Health Agency	Number of Reported Cases
N/A	N/A

- WNV** = West Nile virus
- SLE** = St. Louis encephalitis virus
- DEN** = dengue virus
- EEE** = Eastern Equine encephalitis 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:

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