Arbovirus* Activity, Including West Nile Virus and Eastern Equine Encephalitis:

Weekly Summary, Michigan 2026

Arboviruses are viruses transmitted by mosquitoes or other insects

Updated: October 2, 2026

140
Mosquito pools testing positive for arbovirus infection

32
Animals testing positive for arbovirus infection

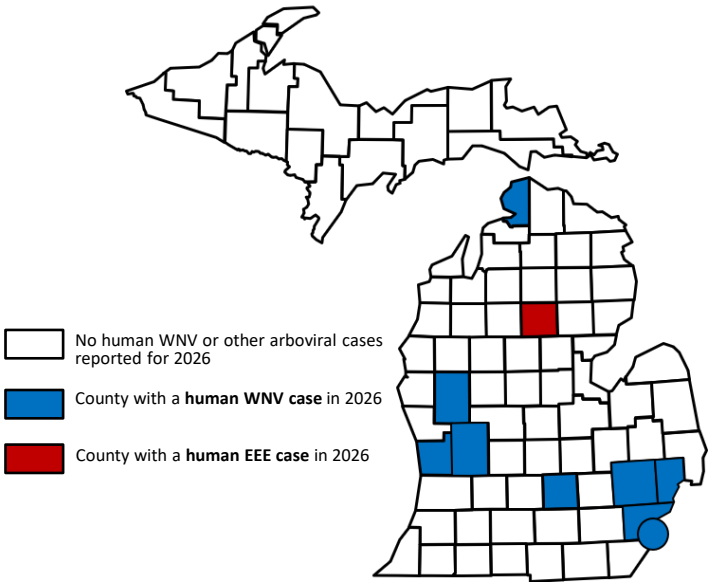
26
Human cases of West Nile virus or other arboviruses reported

2026 Michigan Arbovirus Surveillance	
Total Number of Mosquito Pools Tested	**7,372**
Total Number of Mosquitoes Tested	**115,364**
WNV-Positive Mosquito Pools	**120**
JCV-Positive Mosquito Pools	**20**
Animal Arbovirus cases	**32**
Animal EEE cases	2
Animal WNV cases	30
Human Arbovirus cases	**26**
Human EEE cases	1
Human WNV cases	25

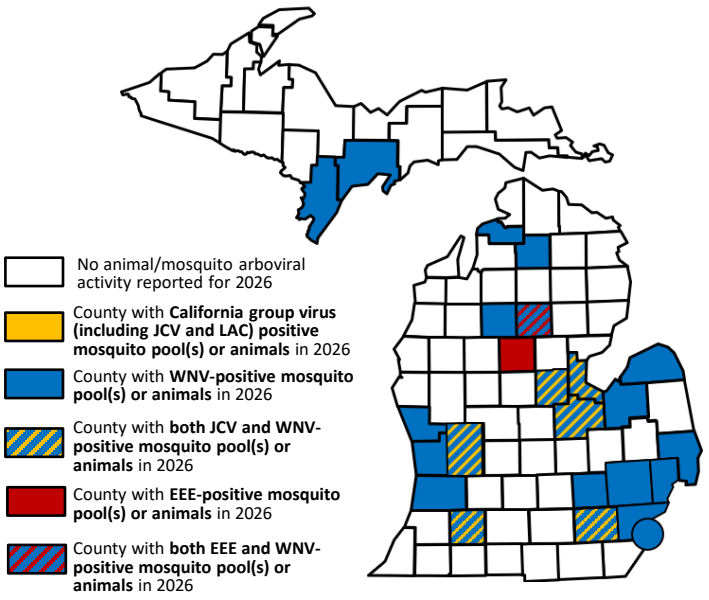
Highlights

- One person from Roscommon County has tested positive for eastern equine encephalitis (EEE).
- Two horses from Clare and Roscommon counties have tested positive for EEE.
- Twenty-five people from Emmet, Ingham, Kent (3), Macomb (5), Newaygo, Oakland (6), Ottawa (2), and Wayne (5) counties and the City of Detroit have tested positive for West Nile virus (WNV).
- Four horses from Kent, Missaukee, Muskegon, and Wayne counties, twenty-five birds from Allegan, Bay (3), Charlevoix, Kalamazoo (3), Kent (5), Livingston, Menominee (2), Midland (3), Oakland (3), Otsego, Roscommon, and Wayne counties and one squirrel from Delta County have tested positive for WNV.
- One hundred and twenty mosquito pools from Bay (21), Huron, Kent (22), Macomb (7), Midland (19), Ottawa (3), Saginaw (15), St. Clair (3), Tuscola (7), Washtenaw, and Wayne (15) counties and the City of Detroit (6) have tested positive for WNV.
- Twenty mosquito pools from Bay (2), Kalamazoo, Kent, Midland (2), Saginaw (13), and Washtenaw counties have tested positive for Jamestown Canyon virus (JCV).

Human Cases



Animal Cases



For more information

www.michigan.gov/westnile

MDHHS Michigan Department of Health & Human Services

Michigan Department of Health & Human Services
Bureau of Infectious Disease Prevention

Preventing Mosquito Bites and Arboviruses:

Tips for Michigan Residents

The most effective way to avoid arboviruses is to prevent mosquito bites. Be aware of the West Nile virus and other arbovirus activity in your area and take action to protect yourself and your family.

Use Insect Repellent

Use Environmental Protection Agency (EPA)-registered insect repellents with one of the active ingredients below. When used as directed, EPA-registered insect repellents are proven safe and effective, even for pregnant and breastfeeding women.

- DEET
- Picaridin
- IR3535
- Oil of lemon eucalyptus (OLE) or para menthane-diol (PMD)
- 2-undecanone

Find the insect repellent that's right for you by using EPA's search tool

Tips for Babies & Children

- Always follow instructions when applying insect repellent to children.
- Do not use insect repellent on babies younger than 2 months old.
- Do not apply insect repellent onto a child's hands, eyes, mouth, and cut or irritated skin.
  - Adults: Spray insect repellent onto your hands and then apply to a child's face.
- Do not use products containing oil of lemon eucalyptus (OLE) or para-menthane-diol (PMD) on children under 3 years old.

Take steps to control mosquitoes inside and outside your home

- Use screens on windows and doors. Repair holes in screens to keep mosquitoes outside.
- Once a week, eliminate potential breeding areas for mosquitoes. Check inside and outside your home. Mosquitoes lay eggs on or near water:
  - Discard old tires, tin cans, ceramic pots or other containers that can hold water
  - Repair failed septic systems
  - Drill holes in the bottom of recycling containers left outdoors
  - Keep grass cut short and shrubbery trimmed
  - Clean clogged roof gutters, particularly if leaves tend to plug up the drains
  - Frequently replace the water in pet bowls
  - Flush ornamental fountains and birdbaths periodically; aerate ornamental pools, or stock them with predatory fish.

For Up-to-Date Information Visit Michigan's Emerging Diseases Website
www.michigan.gov/westnile

or the Centers for Disease Control and Prevention Website
www.cdc.gov/westnile