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

# Weekly Summary, Michigan 2026

*Arboviruses are viruses transmitted by mosquitoes or other insects*

**Updated: November 6, 2026**

**140**

Mosquito pools testing positive for arbovirus infection

**47**

Animals testing positive for arbovirus infection

**37**

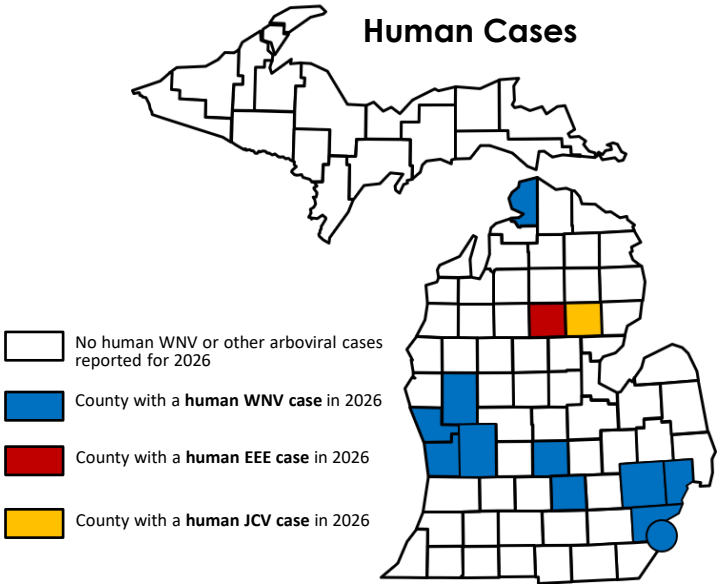
Human cases of West Nile virus or other arboviruses reported

| 2026 Michigan Arbovirus Surveillance | |
|---|---|
| Total Number of Mosquito Pools Tested | **7,400** |
| Total Number of Mosquitoes Tested | **115,574** |
| WNV-Positive Mosquito Pools | **120** |
| JCV-Positive Mosquito Pools | **20** |
| Animal Arbovirus cases | **47** |
| Animal EEE cases | 2 |
| Animal WNV cases | 45 |
| Human Arbovirus cases | **37** |
| Human EEE cases | 1 |
| Human WNV cases | 35 |
| Human JCV cases | 1 |

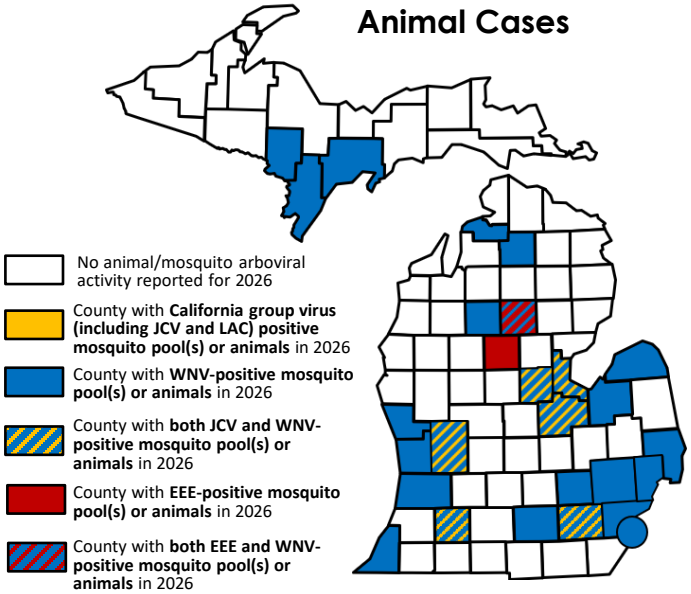
### *Highlights*

- One person from Roscommon County has contracted eastern equine encephalitis (EEE).
- Two horses from Clare and Roscommon counties have tested positive for EEE.
- Thirty-five people from Clinton, Emmet, Ingham (2), Kent (4), Macomb (5), Muskegon, Newaygo, Oakland (6), Ottawa (3), and Wayne (6) counties and the City of Detroit (5) have contracted West Nile virus (WNV).
- Four horses from Kent, Missaukee, Muskegon, and Wayne counties, forty birds from Allegan, Bay (3), Berrien, Charlevoix, Dickinson, Jackson, Kalamazoo (3), Kent (7), Livingston (3), Menominee (2), Midland (3), Oakland (5), Ottawa, Otsego (2), Roscommon, Saginaw (4) 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.
- One person from Ogemaw County has contracted Jamestown Canyon virus (JCV).
- Twenty mosquito pools from Bay (2), Kalamazoo, Kent, Midland (2), Saginaw (13), and Washtenaw counties have tested positive for 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