

# Maine Weekly Arboviral Surveillance Report

June 24, 2025



January 1, 2025 – June 21, 2025:

## Local Arboviral Activity

### Humans – Endemic arboviral illnesses

|                   | Number Tested | WNV positive | EEE positive | JCV positive | POW positive |
|-------------------|---------------|--------------|--------------|--------------|--------------|
| Current Week      | 1             | 0            | 0            | 0            | 0            |
| 2025 Year to Date | 25            | 0            | 0            | 1            | 0            |

EEE, JCV, and WNV are endemic mosquito-borne arboviruses. POW is the only endemic arbovirus spread by ticks in Maine. Human arboviral testing performed at Maine's Health and Environmental Testing Laboratory (HETL). Testing may be performed year round. Number tested only reflects testing performed at HETL. Confirmation testing performed at CDC Fort Collins

### Humans – Travel-associated arboviral illnesses

|                   | CHIK positive | DEN positive | OROV positive | ZIK positive |
|-------------------|---------------|--------------|---------------|--------------|
| 2025 Year to Date | 0             | 1            | 0             | 0            |

Imported arboviral testing may be performed at HETL, CDC Fort Collins, or other national reference laboratories

### Veterinary

|                   | Number Tested | WNV positive | EEE Positive |
|-------------------|---------------|--------------|--------------|
| Current Week      | 2             | 0            | 0            |
| 2025 Year to Date | 3             | 0            | 0            |

Veterinary arboviral testing may be performed at HETL, through the Cornell University Animal Health Diagnostic Center, or through the USDA National Veterinary Services Laboratory (NVSL); testing may be performed year round

### Avian

|                   | Number Tested | WNV positive | EEE Positive |
|-------------------|---------------|--------------|--------------|
| Current Week      | 2             | 0            | 0            |
| 2025 Year to Date | 7             | 0            | 0            |

Avian arboviral testing performed at HETL

### Mosquitoes – Endemic arboviruses

|                   | Pools Tested | WNV positive | EEE positive | JCV positive |
|-------------------|--------------|--------------|--------------|--------------|
| Current Week      | 22           | 0            | 0            | 0            |
| 2025 Year to Date | 22           | 0            | 0            | 0            |

Mosquito EEE, JCV and WNV testing performed at HETL; mosquito collection begins in June and continues through October

Only completed testing is included in this report.

EEE = Eastern Equine Encephalitis

CHIK = Chikungunya

DEN = Dengue

JCV = Jamestown Canyon

OROV = Oropouche

POW = Powassan

SLE = Saint Louis Encephalitis

WNV = West Nile

ZIK = Zika

**2025 Maine positive results**

| Surveillance | Species | Collection Date | Town | County   | Agent |
|--------------|---------|-----------------|------|----------|-------|
| Human        |         | 2/24/2025       |      | Franklin | JCV   |

**National Arboviral Activity****2025 Locally-acquired human cases – United States**

|         | Dengue positive | Zika positive* | Oropouche* |
|---------|-----------------|----------------|------------|
| Florida | 1               | 0              | 0          |

\* There is no current local transmission of Oropouche or Zika virus in the continental United States

**International Arboviral Activity****2025 CDC travel health notices**

| Level | Disease      | Location                                                                                                                                                            |
|-------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2     | Chikungunya  | Kenya, Madagascar, Mauritius, Mayotte (France), Réunion (France), Somalia, Sri Lanka                                                                                |
| 2     | Yellow Fever | Bolivia, Brazil, Colombia, Peru                                                                                                                                     |
| 2     | Oropouche    | Brazil (Espírito Santo), Panama (Darién Province)                                                                                                                   |
| 1     | Dengue       | Brazil, Colombia, Comoros, Cuba, Ecuador, Fiji, French Guiana, Guadeloupe, Guatemala, Iran, Mexico, Pakistan, Panama, Philippines, Saint Lucia, Samoa, Sudan, Tonga |
| 1     | Oropouche    | Barbados, Bolivia, Brazil, Columbia, Cuba, Ecuador, Guyana, Panama, Peru, Venezuela                                                                                 |

More information on travel health notices is available here: <https://wwwnc.cdc.gov/travel/notices>.