# C:\Users\Haris.Sohail\AppData\Local\Microsoft\Windows\INetCache\Content.Word\DHHS-Seal Transparent Background.pngMaine Weekly Arboviral Surveillance Report

September 23, 2025

**January 1, 2025 – September 20, 2025:**

**Local Arboviral Activity**

**Humans – Endemic arboviral illnesses**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Number Tested | WNV positive | EEE positive | JCV positive | POW positive |
| Current Week | 0 | 0 | 0 | 0 | 0 |
| 2025 Year to Date | 55 | 0 | 1 | 1 | 1 |

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 | 2 | 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 | 0 | 0 | 0 |
| 2025 Year to Date | 5 | 0 | 0 |

Veterinary arboviral testing may be performed at HETL, through University of Maine Veterinary Diagnostic Laboratory, 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 | 8 | 5 | 0 |
| 2025 Year to Date | 66 | 19 | 0 |

Avian arboviral testing performed at HETL

**Mosquitoes – Endemic arboviruses**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Pools Tested | WNV positive | EEE positive | JCV positive |
| Current Week | 39 | 1 | 0 | 0 |
| 2025 Year to Date | 1040 | 4 | 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 |
| Human |  | 6/22/2025 |  | Hancock | POW |
| Avian | American Crow | 7/16/2025 | Hollis Center | York | WNV |
| Mosquito | Culex pipiens/restuans | 8/5/2025 | Portland | Cumberland | WNV |
| Avian | American Crow | 8/7/2025 | Bowdoin | Sagadahoc | WNV |
| Avian | Cooper’s Hawk | 8/8/2025 | Wayne | Kennebec | WNV |
| Mosquito | Culex pipiens/restuans | 8/12/2025 | Portland | Cumberland | WNV |
| Avian | American Crow | 8/14/2025 | Westbrook | Cumberland | WNV |
| Avian | American Crow | 8/18/2025 | Westbrook | Cumberland | WNV |
| Avian | American Crow | 8/19/2025 | Naples | Cumberland | WNV |
| Human |  | 8/26/2025 |  | Penobscot | EEE |
| Mosquito | Culex restuans | 8/26/2025 | Portland | Cumberland | WNV |
| Avian | American Crow | 8/26/2025 | Augusta | Kennebec | WNV |
| Avian | American Crow | 8/28/2025 | Bath | Sagadahoc | WNV |
| Avian | American Crow | 8/28/2025 | Waldo | Waldo | WNV |
| Avian | American Crow | 8/30/2025 | South Portland | Cumberland | WNV |
| Avian | American Crow | 8/30/2025 | Windham | Cumberland | WNV |
| Avian | Red-tailed Hawk | 9/1/2025 | Old Orchard Beach | York | WNV |
| Avian | American Crow | 9/2/2025 | Old Orchard Beach | York | WNV |
| Avian | American Crow | 9/2/2025 | Brewer | Penobscot | WNV |
| Mosquito | Culex pipiens | 9/9/2025 | Portland | Cumberland | WNV |
| Avian | American Crow | 9/10/2025 | Gorham | Cumberland | WNV |
| Avian | American Crow | 9/10/2025 | Gorham | Cumberland | WNV |
| Avian | American Crow | 9/12/2025 | Freeport | Cumberland | WNV |
| Avian | American Crow | 9/13/2025 | Waterboro | York | WNV |
| Avian | American Crow | 9/13/2025 | Biddeford | York | WNV |

**Maine Mosquito Meter**

Risk Level Statewide: **High**

Risk Level for Certain Counties: **Severe for EEE in Penobscot, Piscataquis, Somerset and Waldo Counties**



*Provides a statewide assessment of the risk of arboviral transmission by mosquitoes in Maine. Reassessment occurs weekly*

**National Arboviral Activity**

**2025 Locally-acquired human cases – United States**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Dengue positive | Zika positive\* | Oropouche positive\* |
| Florida | 40 | 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 | Bangladesh, Guangdong Province (China), Kenya, Madagascar, Somalia, Sri Lanka |
| 2 | Yellow Fever | Colombia |
| 1 | Dengue | Bangladesh, Belize, Colombia, Comoros, Cook Islands, Cuba, El Salvador, French Polynesia, Kiribati, Mali, Nauru, Panama, Philippines, Samoa, Sudan, Tuvalu, Vietnam |
| 1 | Oropouche | Brazil, Cuba, Panama, Peru |

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