

# Maine Weekly Arboviral Surveillance Report

September 9, 2025



January 1, 2025 – September 6, 2025:

## Local Arboviral Activity

### Humans – Endemic arboviral illnesses

	Number Tested	WNV positive	EEE positive	JCV positive	POW positive
Current Week	7	0	1	0	0
2025 Year to Date	54	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	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	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	7	5	0
2025 Year to Date	50	11	0

Avian arboviral testing performed at HETL

### Mosquitoes – Endemic arboviruses

	Pools Tested	WNV positive	EEE positive	JCV positive
Current Week	165	1	0	0
2025 Year to Date	896	3	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	8/28/2025	Bath	Sagadahoc	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

## 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

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

	Dengue positive	Zika positive*	Oropouche*
Florida	24	0	0

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

## International Arboviral Activity

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### 2025 CDC travel health notices

Level	Disease	Location
2	Chikungunya	Guangdong Province (China), Kenya, Madagascar, Somalia, Sri Lanka
2	Yellow Fever	Colombia
2	Oropouche	Espírito Santo (Brazil), Darién Province (Panama)
1	Dengue	Bangladesh, Colombia, Comoros, Cook Islands, Cuba, El Salvador, Fiji, French Polynesia, Guatemala, Kiribati, Mali, Mexico, Nauru, Panama, Philippines, Samoa, Tonga, Tuvalu
1	Oropouche	Brazil, Colombia, Cuba, Panama, Peru

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