

Maine 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>.