

Maine Weekly Arboviral Surveillance Report

August 19, 2025



January 1, 2025 – August 16, 2025:

Local Arboviral Activity

Humans – Endemic arboviral illnesses

	Number Tested	WNV positive	EEE positive	JCV positive	POW positive
Current Week	3	0	0	0	0
2025 Year to Date	43	0	0	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	5	2	0
2025 Year to Date	32	3	0

Avian arboviral testing performed at HETL

Mosquitoes – Endemic arboviruses

	Pools Tested	WNV positive	EEE positive	JCV positive
Current Week	144	0	0	0
2025 Year to Date	442	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
Human		6/22/2025		Hancock	POW
Avian	American Crow	7/16/2025	Hollis Center	York	WNV
Avian	American Crow	8/7/2025	Bowdoin	Sagadahoc	WNV
Avian	Cooper's Hawk	8/8/2025	Wayne	Kennebec	WNV

Maine Mosquito Meter



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*
Florida	14	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	Guangdong Province (China), Kenya, Madagascar, Mauritius, Mayotte (France), Réunion (France), Santa Cruz (Bolivia), Somalia, Sri Lanka
2	Yellow Fever	Bolivia, Brazil, Colombia, Peru
2	Oropouche	Espírito Santo (Brazil), Darién Province (Panama)

1	Dengue	Bangladesh, Colombia, Comoros, Cook Islands, Ecuador, Fiji, French Polynesia, Guatemala, Kiribati, Mali, Panama, Philippines, Samoa, Sudan, Tonga, Tuvalu
1	Oropouche	Brazil, Colombia, Cuba, Panama, Peru

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