

Maine Weekly Arboviral Surveillance Report

September 4, 2018



January 1, 2018 – September 1, 2018:

Humans – Domestic arboviral illnesses

	Number Tested	WNV positive	EEE positive	JCV positive
Current Week	10	1*	0	0
2018 Year to Date	39	2*	0	0

Human arboviral testing performed at Maine’s Health and Environmental Testing Laboratory (HETL); testing may be performed year-round. Confirmation testing performed at CDC Fort Collins

*One WNV positive was in an out of state resident and is not counted as a Maine case, the other test was performed at a commercial laboratory and confirmed at CDC Fort Collins

Humans – Imported arboviral illnesses

	Chikungunya positive	Dengue positive	Zika positive
2018 Year to Date	2	1	0

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

Animals

	Number Tested	WNV positive	EEE Positive
Current Week	0	0	0
2018 Year to Date	2	0	0

Animal arboviral testing may be performed at HETL or through the National Veterinary Services Laboratory (NVSL); testing may be performed year round

Mosquitoes – Domestic arboviruses

	Pools Tested	WNV positive	EEE positive
Current Week	135	1	0
2018 Year to Date	377	1	0

Mosquito arboviral testing performed at HETL; mosquito collection begins July 1 and continues through September 30

Only completed testing is included in this report.

EEE = Eastern Equine Encephalitis
 CHIK = Chikungunya
 JCV = Jamestown Canyon Virus

SLE = Saint Louis Encephalitis
 WNV = West Nile Virus

2018 Maine Positive Results

Surveillance	Species	Collection Date	Town	County	Agent
Human		8/15/2018		Cumberland**	WNV
Mosquito	<i>Culex pipiens</i>	8/21/2018	Kittery	York	WNV

** Patient resides in Cumberland county but likely acquired the infection out of state