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# 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 | *Culex pipiens* | 8/21/2018 | Kittery | York | WNV |

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