

**New Hampshire Arbovirus Surveillance Bulletin #8**

**TEST SUMMARIES**

**MMWR Week 35 August 25, 2019 – August 31, 2019**

<b>HUMANS</b>		Number Tested	WNV Positive	EEE Positive	JCV Positive <sup>¥</sup>	POW Positive <sup>¥</sup>
<b>CURRENT YEAR</b>	Week	0	0	0	0	0
	YTD	13	0	0	1	1
Prior Years	2018	30	0	0	1 <sup>€</sup>	0
	2017	31	1 <sup>£</sup>	0	4	1
	2016	31	0	0	0	1
	2015	50	0	0	1	0
	2014	38	0	3	0	0

<sup>¥</sup> Testing completed by the Centers for Disease Control and Prevention (CDC)

<sup>£</sup> Testing performed by commercial laboratory

<sup>€</sup> Infection likely acquired out of state.

<b>ANIMALS</b>		Number Tested	WNV Positive	EEE Positive
<b>CURRENT YEAR</b>	Week	1	0	1
	YTD	8	0	1
Prior Years	2018	13	4	0
	2017	7	0	0
	2016	10	0	0
	2015	6	1	0
	2014	11	0	3

<b>MOSQUITO BATCHES*</b>		Number Tested	WNV Positive	EEE Positive
<b>CURRENT YEAR</b>	Week <sup>‡</sup>	615	0	3
	YTD	4041	1	8
Prior Years	2018	4945	32	6
	2017	4176	9	0
	2016	1773	1	0
	2015	3678	3	2
	2014	3964	1	18

\* A mosquito batch is a collection of mosquitoes sorted by species, date of collection, and trap location.

<sup>‡</sup> This week, mosquitoes were submitted from Cheshire, Hillsborough, Rockingham and Strafford counties.

## NEW HAMPSHIRE ARBOVIRUS TEST RESULTS 2019 Arboviral Season

### MOSQUITO BATCHES

Town or City	Date Collected	Species	Virus Result
Pelham	8/1/2019	<i>Culiseta melanura</i>	Eastern Equine Encephalitis
Pelham	8/1/2019	<i>Coquilleltidia perturbans</i>	Eastern Equine Encephalitis
Pelham	8/1/2019	<i>Coquilleltidia perturbans</i>	Eastern Equine Encephalitis
Manchester	8/7/2019	<i>Coquilleltidia perturbans</i>	Eastern Equine Encephalitis
Manchester	8/7/2019	<i>Coquilleltidia perturbans</i>	Eastern Equine Encephalitis
Manchester	8/21/2019	<i>Culex pipiens/restuans</i>	West Nile Virus
Candia	8/27/2019	<i>Culiseta melanura</i>	Eastern Equine Encephalitis
Sandown	8/27/2019	<i>Coquilleltidia perturbans</i>	Eastern Equine Encephalitis
Hampstead	8/27/2019	<i>Coquilleltidia perturbans</i>	Eastern Equine Encephalitis

### ANIMALS

Town or City	Onset Date	Species	Virus Result
Northwood	8/24/2019	Horse	Eastern Equine Encephalitis

### HUMANS

Town or City	Onset Date	Age Range	Virus Result
Kingston <sup>Ω</sup>	5/23/2019	Adult	Jamestown Canyon Virus
Kingston <sup>Ω</sup>	5/23/2019	Adult	Powassan Virus

Ω This is a confirmed co-infection of POW and JCV in the same patient.

#### Data notes:

1. Data provided are those for which final results are available. Data are current as of 9/4/2019.
2. Test results include only those specimens tested with results finalized during the week being reported on. Pending results from the previous week are not included.
3. Prior years' data is cumulative.
4. YTD = All specimens submitted beginning 01/01/2019 through the week being reported on.
5. WNV = West Nile virus. EEE = Eastern Equine Encephalitis. JCV = Jamestown Canyon Virus. POW = Powassan Virus

Use the following link to view the locations of positive test results and regional risk maps:

<http://www.dhhs.nh.gov/dphs/cdcs/arboviral/results.htm>

For more information regarding these data, contact Abigail Mathewson, Surveillance Epidemiology Program Manager, at (603) 271-0274 or [abigail.mathewson@dhhs.nh.gov](mailto:abigail.mathewson@dhhs.nh.gov).