

New Hampshire Arbovirus Surveillance Bulletin #6

TEST SUMMARIES

MMWR Week 33 August 12, 2018 – August 18, 2018

HUMANS		Number Tested	WNV Positive	EEE Positive	JCV Positive [¥]	POW Positive [¥]
CURRENT YEAR	Week	2	0	0	0	0
	YTD	13	0	0	0	0
Prior Years	2017	31	1 [£]	0	3	1
	2016	31	0	0	0	1
	2014	50	0	0	1	0
	2014	38	0	3	0	0
	2013	34	1	0	1	1

¥ Testing completed by the Centers for Disease Control and Prevention (CDC)

£ Testing performed by commercial laboratory

ANIMALS		Number Tested	WNV Positive	EEE Positive
CURRENT YEAR	Week	4	4	0
	YTD	7	4	0
Prior Years	2017	7	0	0
	2016	10	0	0
	2015	6	1	0
	2014	11	0	3
	2013	28	1	3

MOSQUITO BATCHES*		Number Tested	WNV Positive	EEE Positive
CURRENT YEAR	Week [‡]	521	4	0
	YTD	2006	7	0
Prior Years	2017	4176	9	0
	2016	1773	1	0
	2015	3678	3	2
	2014	3964	1	18
	2013	5316	14	24

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

‡ This week, mosquitoes were submitted from Cheshire, Hillsborough, and Rockingham and Strafford counties.

**NEW HAMPSHIRE ARBOVIRUS TEST RESULTS
2018 Arboviral Season**

MOSQUITO BATCHES

Town or City	Date Collected	Species	Virus Result
Manchester	7/16/2018	<i>Culex pipiens/restuans</i>	West Nile Virus
Manchester	8/7/2018	<i>Culex pipiens/restuans</i>	West Nile Virus
Salem	8/9/2018	<i>Coquillettidia perturbans</i>	West Nile Virus
Manchester	8/13/2018	<i>Coquillettidia perturbans</i>	West Nile Virus
Manchester	8/13/2018	<i>Culex pipiens/restuans</i>	West Nile Virus
Manchester	8/13/2018	<i>Aedes cinereus</i>	West Nile Virus
Manchester	8/14/2018	<i>Culex pipiens/restuans</i>	West Nile Virus

ANIMALS

Town or City	Date Collected	Species	Virus Result
Plaistow	8/11/2018	Hawk	West Nile Virus
Plaistow	8/13/2018	Crow	West Nile Virus
Salem	8/13/2018	Hawk	West Nile Virus
Fremont	8/13/2018	Hawk	West Nile Virus

HUMANS

There have been no human cases of arboviral illness identified in New Hampshire in 2018 to date.

Data notes:

1. Data provided are those for which final results are available. Data are current as of 08/22/2018.
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 01/01/2018 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 Carolyn Fredette, Vectorborne Disease Surveillance Coordinator, at (603) 271-0273 or carolyn.fredette@dhhs.nh.gov.

