

New Hampshire Arbovirus Surveillance Bulletin #16

TEST SUMMARIES

MMWR Week 45 November 5, 2017 – November 11, 2017

HUMANS		Number Tested	WNV Positive	EEE Positive	JCV Positive [¥]	POW Positive [¥]
CURRENT YEAR	Week	1	1 [£]	0	0	0
	YTD	30	1	0	3	1
Prior Years	2016	31	0	0	0	1
	2015	50	0	0	1	0
	2014	38	0	3	0	0
	2013	34	1	0	1	1
	2012	37	1	0	0	0

¥ 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	0	0	0
	YTD	7	0	0
Prior Years	2016	10	0	0
	2015	6	1	0
	2014	11	0	3
	2013	28	1	3
	2012	11	0	4

MOSQUITO BATCHES*		Number Tested	WNV Positive	EEE Positive
CURRENT YEAR	Week [‡]	0	0	0
	YTD	4176	9	0
Prior Years	2016	1773	1	0
	2015	3678	3	2
	2014	3964	1	18
	2013	5316	14	24
	2012	4716	41	9

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

**NEW HAMPSHIRE ARBOVIRUS TEST RESULTS
2017 Arboviral Season**

MOSQUITO BATCHES

Town or City	Date Collected	Species	Virus Result
Manchester	7/31/2017	<i>Culex pipiens/restuans</i>	West Nile Virus
Manchester	8/1/2017	<i>Culex pipiens/restuans</i>	West Nile Virus
Keene	8/4/2017	<i>Culex restuans</i>	West Nile Virus
Nashua	8/10/2017	<i>Culex pipiens</i>	West Nile Virus
Rye	9/12/2017	<i>Culex salinarius</i>	West Nile Virus
Brentwood	9/15/2017	<i>Culiseta melanura</i>	West Nile Virus
Madbury	9/19/2017	<i>Culiseta melanura</i>	West Nile Virus
East Kingston	10/5/2017	<i>Culiseta melanura</i>	West Nile Virus
Danville	10/5/2017	<i>Culiseta melanura</i>	West Nile Virus

ANIMALS

There have been no animal cases of EEE or WNV identified in New Hampshire in 2017 to date.

HUMANS

Town or City	Onset Date	Age Range	Virus Result
Dover	6/19/2017	<18	Powassan Virus
Hanover	7/15/2017	Adult	Jamestown Canyon Virus
Goffstown	8/19/2017	Adult	Jamestown Canyon Virus
Grantham	10/16/2017	<18	Jamestown Canyon Virus
North Hampton	10/17/2017	Adult	West Nile Virus

Data notes:

1. Data provided are those for which final results are available. Data are current as of 03/23/2018.
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 01/01/2017 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.