

New Hampshire Arbovirus Surveillance Bulletin #14
Department of Health and Human Services
Division of Public Health Services
Bureau of Infectious Disease Control

TEST SUMMARIES

MMWR Week 40 September 28, 2014 – October 4, 2014*

HUMANS		Number Tested	WNV Positive	EEE Positive	Other Positive
Number Tested	Week YTD	2 28	0 0	0 2	0 0

ANIMALS		Number Tested	WNV Positive	EEE Positive
Number Tested	Week YTD	1 8	0 0	1 2

MOSQUITOES		Number Tested	WNV Positive	EEE Positive
Batches Tested	Week YTD	178 3964	0 1	5 18

Note: A mosquito batch is a group of 1-50 mosquitoes of the same species, collected at the same trap location, on the same date.

***Data provided are those for which final results are available. Data are current as of 10/7/14.**

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.

YTD = All specimens submitted beginning 01/01/2014 through the week being reported on.

WNV = West Nile virus. EEE = Eastern Equine Encephalitis.

Notes:

HUMANS: No additional human cases of arboviral disease were identified during MMWR week 40.

YTD: Two human cases of EEE were identified in Conway (1) and Hopkinton (1).

ANIMALS: One additional animal case of EEE in a horse from Nottingham was identified during MMWR week 40.

YTD: One EEE-positive mule was identified in Candia and one EEE positive horse was identified in Nottingham.

MOSQUITOES: Mosquito batches were submitted from Cheshire, Hillsborough, Rockingham, and Strafford counties. Five mosquito batches tested positive for EEE during MMWR week 40. One each in Newton, Derry, Candia, Kingston and Raymond.

YTD: Eighteen EEE positive mosquito batches have been identified in Candia (3), Derry (3), Hampstead (2), Kingston (3), Londonderry (2), Amherst (1), Danville (1), Portsmouth (1), Newton (1) and Raymond (1). The EEE positive mosquito batches were *Culiseta melanura* (16), *Ochlerotatus canadensis* (1) and *Aedes cinereus* (1). One WNV mosquito batch has been identified in Greenland. The WNV positive mosquito batch was *Culiseta melanura*.

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.