

New Hampshire Arbovirus Surveillance Bulletin #15

Department of Health and Human Services

Division of Public Health Services

Bureau of Infectious Disease Control

TEST SUMMARIES

MMWR Week 41 October 6, 2013 – October 12, 2013*

HUMANS		Number Tested	WNV Positive	EEE Positive	Other Positive
Number Tested	Week YTD	0 27	0 1	0 0	0 0

ANIMALS		Number Tested	WNV Positive	EEE Positive
Number Tested	Week YTD	2 23	1 1	1 3

MOSQUITOES		Number Tested	WNV Positive	EEE Positive
Batches Tested*	Week YTD	96 5217	0 14	4 24

*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 10/15/13.**

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 01/01/2013 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 41.

YTD: One human case of WNV was identified in Chesterfield.

ANIMALS: One EEE positive horse was identified in Deerfield. One WNV positive horse was identified in Belmont.

YTD: Three EEE positive horses were identified in Derry (1), Ossipee (1) and Deerfield (1). One WNV positive horse was identified in Belmont (1).

MOSQUITOES: Mosquito batches were submitted from Hillsborough, Rockingham, Strafford and Carroll counties. Four mosquito batches tested positive for EEE in Newton (1), East Kingston (1), Raymond (1) and North Hampton (1). The EEE positive mosquito batches were *Culiseta melanura*.

YTD: Fourteen WNV positive mosquito batches were identified in Brentwood (1), Hampstead (1), New Castle (1), Kensington (1), Nashua (2), Stratham (2), Pelham (2), Sandown (1), Raymond (1), Keene (1), and Newton (1). WNV positive mosquito batches were *Ochlerotatus canadensis* (1), *Culiseta melanura* (4), *Culex salinarius* (1), *Culex pipiens* (6), *Culex resutans* (1) and *Culex pipiens/restuans* (1).

Twenty-four EEE positive mosquito batches were identified in East Kingston (1), North Hampton (1), Exeter (2), Manchester (1), Kingston (1), Auburn (1), Pelham (1), Newington (3), Greenland (1), Litchfield (1), Londonderry (1), Sandown (1), Brentwood (2), Newton (2), Londonderry (1), Derry (1), Hampstead (1) and Raymond (2). The EEE positive mosquito batches were *Culiseta melanura* (20), *Culiseta morsitans* (1) and *Coquillettidia perturbans* (3).

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 Whitney Howe, Vectorborne Disease Surveillance Coordinator at (603) 271-0273.