

# THIS IS AN OFFICAL NH DHHS HEALTH ALERT

Distributed by the NH Health Alert Network  
[Health.Alert@nh.gov](mailto:Health.Alert@nh.gov)  
October 15, 2014, 1300 EDT (1:00 PM EDT)  
NH-HAN 20141015



## Third Human Case of Eastern Equine Encephalitis

### Key Points and Recommendations:

1. Awareness of a third identified human infection with Eastern Equine Encephalitis (EEE) virus in New Hampshire in 2014.
  - o Vigilance is needed during the summer and early fall to consider mosquito-borne diseases, including West Nile Virus (WNV) and EEE in patients with compatible clinical features.
  - o Laboratory testing may be arranged by calling 603-271-4496 during business hours or 1-800-852-3345 ext. 5300 after hours.
  - o Forms and testing information are available at:  
<http://www.dhhs.state.nh.us/dphs/cdcs/arboviral/providers.htm>.
2. Awareness that the risk level for human illness in Manchester is being raised to High; the risk levels for Candia, Conway, Hopkinton and Nottingham remain at High due to past human or animal illness.
3. Advise patients and residents to use prevention measures to avoid mosquito bites by protective clothing, insect repellents, and reducing environmental mosquito populations.
4. Report suspected and confirmed cases of mosquito-borne diseases to the Bureau of Infectious Disease Control at 603-271-4496 (after hours 1-800-852-3345 ext. 5300).

### Epidemiology:

The New Hampshire Division of Public Health Services (NH DPHS) has identified a third human case of neuroinvasive Eastern Equine Encephalitis (EEE) in an adult from Manchester, NH. This individual became ill on September 4, 2014, and is believed to have acquired illness in the Manchester, NH, area. This patient passed away in mid-September at an out-of-state hospital, and due to complications with testing, the diagnosis of EEE was made post-mortem. Laboratory results received October 8, 2014, confirmed that this patient was ill with EEE.

To date this year, EEE virus has been detected in three humans from Conway, Hopkinton and Manchester New Hampshire. Nationally, three other human EEE cases have been reported from Alabama (1) and New York (2) for a total of six EEE cases in the U.S. this year. Other positive EEE tests in New Hampshire for 2014 include one mule in Candia, one horse in Nottingham and 18 mosquito batches in the towns of Amherst, Candia, Danville, Derry, Greenland, Hampstead, Kingston, Londonderry, Newton, Portsmouth and Raymond. A total of 15 EEE human cases have been documented in NH since 2004.

For additional information, please refer to previous Arboviral Update HANs:

View or download NHHAN Messages at <http://www.dhhs.nh.gov/dphs/cdcs/alerts/han.htm>

If you or other health care providers have questions, please call the Bureau of Infectious Disease Control at 603-271-4496 or 1-800-852-3345, extension 4496 during business hours (8:00 AM to 4:30 AM). On nights or weekends call the New Hampshire Hospital switchboard at 1-800-852-3345 extension 5300 and request the Public Health Professional on-call.

To change your contact information in the NH Health Alert Network, contact Denise Krol at 603-271-4596 or email [Denise.Krol@dhhs.state.nh.us](mailto:Denise.Krol@dhhs.state.nh.us)

**Attachments:** None

Status: Actual  
Message Type: Alert  
Severity: Moderate  
Sensitivity: Not Sensitive  
Message Identifier: NH-HAN 20141015 Third Human Case of EEE  
Delivery Time: 12 hours  
Acknowledgement: No  
Distribution Method: Email, Fax  
Distributed to: Physicians, Physician Assistants, Practice Managers, Infection Control Practitioners, Infectious Disease Specialists, Community Health Centers, Hospital CEOs, Hospital Emergency Departments, Nurses, NHHA, Pharmacists, Laboratory Response Network, Manchester Health Department, Nashua Health Department, Public Health Network, DHHS Outbreak Team, DPHS Investigation Team, DPHS Management Team, Northeast State Epidemiologists, New Hampshire Health Officers and Deputy Health Officers, MMRS, MRC, and Zoonotic Alert Team  
From: Benjamin P. Chan, MD – State Epidemiologist  
Originating Agency: NH Department of Health and Human Services, Division of Public Health Services

**Follow us on Twitter @NHIDWatch**