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First Human Case West Nile Virus

NH Division of Public Health Services (NH DPHS) recommends:

- Consider the diagnosis of West Nile Virus (WNV) in people with clinically compatible illnesses. Laboratory testing is recommended and may be arranged by calling (603) 271-4496 during business hours or (603) 271-5300 after hours. Forms and testing information are available at http://www.dhhs.nh.gov/dphs/cdcs/arboviral/providers.htm
- Report all WNV, confirmed or suspected, to the NH DPHS, Bureau of Infectious Disease Control within 72 hours at 603-271-4496 (after hours 1-800-852-3345, x5300).
- Use prevention measures including avoiding mosquito bites by use of protective clothing and insect repellents, and environmental reduction of mosquito populations.

Epidemiology:

The New Hampshire Division of Public Health Services (NH DPHS) has recently identified a probable human case of neuroinvasive West Nile Virus (WNV) in an adult who resides in Chesterfield, NH. The individual was hospitalized and has fully recovered. Confirmatory testing is underway.

This year WNV has been detected in 9 mosquito batches. Additional trapping and testing of mosquitoes is ongoing in several areas of the state and mosquito batches have also tested positive this year in: Kensington, Nashua, Stratham, Pelham, Sandown, and New Castle. Prior to this case, the last human WNV case in NH was reported and confirmed in August 2012. Nationally, as of September 3, 2013, a total of 497 human WNV cases have been reported by 36 states (49% neuroinvasive disease; 20 deaths).

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.

Attachments: None

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

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Investigation Team, DPHS Management Team, Northeast State

Epidemiologists, Zoonotic Alert Team

From: Elizabeth A. Talbot, MD – Deputy State Epidemiologist

Originating Agency: NH Department of Health and Human Services, Division of Public Health

Services