

Mosquito-borne Virus Test Results

For the week ending August 7, 2009

New In This Update: The first West Nile virus (WNV) positive bird was identified this week. See "Avian Testing" below for more information. New WNV and Eastern equine encephalitis (EEE) positive mosquito pools have been identified in New Jersey. See "Mosquito Testing" below for more information.

Human Testing

The New Jersey Department of Health and Senior Services (NJDHSS) Public Health and Environmental Laboratories (PHEL) tests blood and other clinical samples from people suspected of having West Nile virus (WNV), Eastern equine encephalitis (EEE) and St. Louis encephalitis (SLE) infection.

- To date, there are no human cases of WNV, EEE or SLE reported.

Avian Testing

The New Jersey Department of Health and Senior Services (NJDHSS) Public Health and Environmental Laboratories (PHEL) tests select bird species for WNV infection.

- To date, 47 birds were tested for WNV.
- Of those tested, 1 bird from Ocean county was confirmed positive for WNV.

Mosquito Testing

The New Jersey Department of Health and Senior Services (NJDHSS) Public Health and Environmental Laboratories (PHEL) and the Cape May Department of Mosquito Control Bio-safety Level 3 (CMBSL3) Laboratory test mosquitoes for the following viruses:

West Nile virus (WNV):

- To date, 4,590 mosquito pools have been tested for WNV.
- WNV was detected in mosquito pools in the following counties: Bergen (6), Burlington (6), Camden (9), Cape May (1), Essex (1), Hudson (2), Mercer (1), Middlesex (1), Monmouth (1), Morris (1), Sussex (1), Union (5).

Eastern equine encephalitis virus (EEE):

- To date, 659 mosquito pools have been tested for EEE.
- EEE was detected in mosquito pools in the following counties: Burlington (3) and Cape May (10).

St. Louis encephalitis virus (SLE):

- To date, 1,280 mosquito pools have been tested for SLE.
- No SLE positive mosquito pools have been identified.

La Crosse encephalitis virus (LAC):

- To date, 129 mosquito pools have been tested for LAC.

- No LAC positive mosquito pools have been identified.

Horse Testing

Equine testing for WNV and EEE is conducted at the New Jersey Department of Agriculture's animal health laboratory. Positive results are sent to the National Veterinary Services Lab in Ames, Iowa for confirmation.

- To date, there are no equine cases of WNV or EEE reported.
- For more information on equine testing, visit the Department of Agriculture website at www.state.nj.us/agriculture.