

Mosquito-borne Virus Test Results

For the week ending July 26, 2013

In This Update: West Nile virus activity (mosquito and avian) has been identified in 17 counties in New Jersey including Bergen, Burlington, Camden, Cape May, Gloucester, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union and Warren. Eastern equine encephalitis activity (mosquito only) has been identified in Cape May county.

Human Testing

The New Jersey Department of Health (NJDOH) 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.

- No cases of WNV, EEE or SLE have been identified.

Avian Testing

The NJDOH PHEL tests select bird species for WNV infection.

- To date, 61 birds were tested for WNV from 15 counties, including Bergen, Burlington, Cape May, Cumberland, Essex, Gloucester, Hunterdon, Mercer, Monmouth, Morris, Ocean, Salem, Sussex, Union and Warren.
- 3 WNV positive birds were identified from 2 counties, including Hunterdon (1) and Ocean (2).

Mosquito Testing

The NJDOH 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):

- Mosquito pools have been tested for WNV from 20 counties (all counties except Cumberland have submitted mosquito pools for WNV testing).
- A total of 56 WNV positive mosquito pools were detected in the following 17 counties: Bergen (7), Burlington (3), Camden (9), Cape May (2), Gloucester (2), Hudson (3), Hunterdon (1), Mercer (2), Middlesex (9), Monmouth (1), Morris (2), Ocean (1), Passaic (1), Somerset (2), Sussex (2), Union (8) and Warren (1).

Eastern equine encephalitis virus (EEE):

- Mosquito pools have been tested for EEE from 8 counties including Atlantic, Burlington, Camden, Cape May, Gloucester, Monmouth, Ocean and Salem.
- 1 EEE positive mosquito pool was identified from Cape May county.

St. Louis encephalitis virus (SLE):

- Mosquito pools have been tested for SLE from 2 counties including Burlington and Cape May.
- No SLE positive mosquito pools have been identified.

La Crosse encephalitis virus (LAC):

- Mosquito pools have been tested for LAC from 2 counties including Cape May and Salem.
- 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.

- No WNV or EEE equine cases have been identified.
- For more information on equine testing, visit the Department of Agriculture website at www.state.nj.us/agriculture.