

Mosquito-borne Virus Test Results

For the week ending July 18, 2014

In This Update: West Nile virus activity (mosquito and/or avian) has been identified in 7 counties in New Jersey: Bergen, Burlington, Camden, Hudson, Middlesex, Mercer and Union.

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 have been identified.

Avian Testing

The NJDOH PHEL tests select bird species for WNV infection.

- To date, 42 birds were tested for WNV from 13 counties (Atlantic, Bergen, Burlington, Cape May, Essex, Hunterdon, Mercer, Monmouth, Morris, Ocean, Salem, Sussex and Warren).
- 1 WNV positive bird has been identified in Mercer county.

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):

- To date, mosquito pools from all 21 counties have been tested for WNV.
- 6 WNV positive mosquito pools have been identified from Bergen (3), Burlington (3), Camden (2), Hudson (2), Middlesex (3) and Union (3).

Eastern equine encephalitis virus (EEE):

- To date, mosquito pools from 9 counties have been tested for EEE (Atlantic, Burlington, Camden, Cumberland, Cape May, Gloucester, Monmouth, Ocean and Salem).
- No EEE positive mosquito pools have been detected.

St. Louis encephalitis virus (SLE):

- To date, mosquito pools have been tested for SLE from 1 county (Burlington).
- No SLE positive mosquito pools have been identified.

La Crosse encephalitis virus (LAC):

- To date, mosquito pools from 3 counties have been tested for LAC (Burlington, 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.