

Mosquito-borne Virus Test Results

For the week ending Saturday October 15, 2016

In This Update:

- West Nile virus activity (mosquito) has been identified in all 21 counties.

Number of Positive West Nile Virus Mosquito Pools (as of 10/15/16)

- - 1-25
- - 26-50
- - 51-75
- - 76-100



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), St. Louis encephalitis (SLE) and Zika virus (ZIKV) infection.

- 8 WNV positive cases from the following counties: Camden (2), Gloucester (1), Middlesex (1), Monmouth (1), Passaic (1), Somerset (1) and Union (1).

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.
- 436 WNV positive mosquito pools have been identified from the following counties: Atlantic (12), Bergen (88), Burlington (8), Camden (8), Cape May (5), Cumberland (1), Essex (2), Gloucester (44), Hudson (27), Hunterdon (39), Mercer (24), Middlesex (29), Monmouth (16), Morris (12), Ocean (1), Passaic (23), Salem (1), Somerset (14), Sussex (6), Union (74) and Warren (2).

Eastern equine encephalitis virus (EEE):

- To date, mosquito pools from 14 counties have been tested for EEE (Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Middlesex, Monmouth, Morris, Ocean, Passaic, Salem, Sussex and Union).
- 11 EEE positive mosquito pools have been identified from the following counties: Atlantic (1), Camden (2), Cape May (2), Gloucester (1), Middlesex (3), Monmouth (1) and Ocean (1).

St. Louis encephalitis virus (SLE):

- To date, mosquito pools from 2 counties have been tested for SLE (Burlington and Cape May).
- No SLE positive mosquito pools have been identified.

La Crosse encephalitis virus (LAC):

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

Chikungunya virus (CHIKV):

- To date, mosquito pools from 20 counties have been tested for CHIKV (Atlantic, Bergen, Burlington, Camden, Cape May, Cumberland, Essex, Gloucester, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Salem, Somerset, Sussex and Union).
- No CHIKV positive mosquito pools have been identified.

Dengue virus (DENV):

- To date, mosquito pools from 19 counties have been tested for DENV (Atlantic, Bergen, Burlington, Camden, Cumberland, Essex, Gloucester, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Salem, Somerset, Sussex and Union).
- No DENV positive mosquito pools have been identified.

Zika Virus (ZIKV):

- To date, mosquito pools from 20 counties have been tested for ZIKV (Atlantic, Bergen, Burlington, Camden, Cape May, Cumberland, Essex, Gloucester, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Salem, Somerset, Sussex and Union).
- No ZIKV 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.

- 2 horses from Morris county tested positive for EEE.
- A horse from Ocean county tested positive for EEE.
- A horse from Passaic county tested positive for EEE.

For More Information

- West Nile Virus: www.state.nj.us/health/cd/westnile
- Eastern Equine Encephalitis: www.state.nj.us/health/cd/eee/index.shtml
- St. Louis Encephalitis Virus: www.state.nj.us/health/cd/sle/index.shtml
- La Crosse Encephalitis Virus: <http://www.cdc.gov/lac>
- Chikungunya Virus: www.cdc.gov/chikungunya
- Dengue Virus: www.state.nj.us/health/cd/dengue/index.shtml
- Zika Virus: <http://nj.gov/health/cd/zika>
- Equine Testing: www.state.nj.us/agriculture