

Mosquito-borne Virus Test Results

For the week ending Saturday July 30, 2016

In This Update:

West Nile virus activity (mosquito) has been identified in 13 counties: Atlantic, Bergen, Burlington, Camden, Essex, Gloucester, Hudson, Mercer, Middlesex, Monmouth, Somerset, Sussex and Union.

WNV Activity (Mosquito) as of 7/30/16

- - Positive
- - Negative



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.

- 1 WNV positive case from the following county: Camden

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.
- 39 WNV positive mosquito pools have been identified from the following counties: Atlantic (4), Bergen (5), Burlington (2), Camden (2), Essex (1), Gloucester (1), Hudson (2), Mercer (2), Middlesex (3), Monmouth (5), Somerset (1), Sussex (1) and Union (10).

Eastern equine encephalitis virus (EEE):

- To date, mosquito pools from 10 counties have been tested for EEE (Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Middlesex, Monmouth, Ocean and Salem).
- 2 EEE positive mosquito pools have been identified from the following county: Cape May.

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 12 counties have been tested for CHIKV (Atlantic, Bergen, Camden, Cape May, Cumberland, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic and Salem).
- No CHIKV positive mosquito pools have been identified.

Dengue virus (DENV):

- To date, mosquito pools from 11 counties have been tested for DENV (Atlantic, Bergen, Camden, Cumberland, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic and Salem).
- No DENV positive mosquito pools have been identified.

Zika Virus (ZIKV):

- To date, mosquito pools from 2 counties have been tested for ZIKV (Cape May and Monmouth).
- 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.

- No WNV or EEE equine cases have been identified.

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