

Mosquito-borne Virus Test Results

End of Year 2012

Human Testing

The New Jersey Department of Health (NJDOH) identified the following:

- In 2012, there were 48 cases of West Nile virus (WNV) reported from the following 16 counties: Atlantic (1), Bergen (4), Burlington (3), Camden (5), Cape May (1), Essex (4), Gloucester (3), Hudson (1), Mercer (1), Middlesex (4), Monmouth (3), Ocean (9), Passaic (4), Salem (1), Somerset (3) and Union (1).
- Of the 48 cases, there were 6 WNV-related fatalities identified from the following counties: Burlington (1), Essex (1), Gloucester (1), Ocean (1) and Passaic (2).

Avian Testing

The NJDOH Public Health and Environmental Laboratories (PHEL) identified the following:

- In 2012, a total of 132 WNV positive birds were reported from the following 14 counties: Atlantic (4), Bergen (1), Burlington (8), Cape May (2), Cumberland (5), Gloucester (1), Hunterdon (9), Mercer (3), Monmouth (8), Morris (23), Ocean (29), Somerset (2), Sussex (14) and Warren (23).

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):

- In 2012, 1,027 mosquito pools tested positive for WNV from the following 20 counties: Atlantic (5), Bergen (170), Burlington (35), Camden (47), Cape May (31), Essex (29), Gloucester (62), Hudson (79), Hunterdon (74), Mercer (70), Middlesex (86), Monmouth (12), Morris (73), Ocean (16), Passaic (11), Salem (2), Somerset (46), Sussex (41), Union (114) and Warren (24).

Eastern equine encephalitis virus (EEE):

- In 2012, 33 mosquito pools tested positive for EEE from the following 9 counties: Atlantic (1), Burlington (3), Camden (8), Cape May (5), Cumberland (2), Gloucester (7), Monmouth (3), Ocean (1) and Salem (3).

St. Louis encephalitis virus (SLE):

- No SLE positive mosquito pools were identified.

La Crosse encephalitis virus (LAC):

- No LAC positive mosquito pools were identified.

Horse Testing

Equine testing for WNV and EEE is conducted at the New Jersey Department of Agriculture's animal health laboratory.

- A total of 6 equine cases of EEE were identified from Atlantic (1), Burlington (2) and Camden (3) counties.
- A total of 1 alpaca and 5 equine cases of WNV were identified from Atlantic (1), Gloucester (1), Monmouth (2), Salem (1) and Sussex (1) counties.
- For more information on equine testing, visit the Department of Agriculture website at www.state.nj.us/agriculture.