

## **Test Results as of 8/24/07**

### **New In This Update**

- Additional birds and mosquito pools have tested positive for the presence of West Nile virus (WNV).

### **Human Testing**

- To date, there are no human cases of WNV in New Jersey.
- Human testing for WNV is being conducted at the New Jersey Department of Health and Senior Services' Public Health and Environmental Laboratory in Trenton and at public health labs in other states.

### **Avian Testing**

- Three new positive birds have been reported this week.
- To date, 121 birds have been received for testing at the Department of Health and Senior Services Public Health and Environmental Laboratory. Of those tested, 11 birds found in Middlesex (1), Monmouth (3), Ocean (6) and Union (1) counties have been confirmed positive for the presence of WNV.
- Correction: Last week's report (8/17/07) indicated a WNV positive bird found in Mercer County. This was a data entry error; to date, there have been no WNV positive birds identified at PHEL from Mercer County.

### **Mosquito Testing**

- To date, 3,010 mosquito pools have been tested for the presence of WNV. One hundred thirty-eight (138) positive pools have been found as follows: Atlantic (5), Bergen (38), Camden (6), Essex (4), Hudson (27), Hunterdon (2), Mercer (11), Middlesex (12), Monmouth (2), Morris (3), Ocean (8), Passaic (8), Somerset (2), Sussex (1), Union (8), and Warren (1).

### **Horse Testing**

- To date no horse has tested positive for the presence of WNV. Equine testing is conducted by the New Jersey Department of Agriculture's animal health laboratory in Trenton and positive results are sent to the National Veterinary Services Lab (NVSL) in Ames, Iowa for confirmation. For more information, visit the Department of Agriculture web site at [www.state.nj.us/agriculture](http://www.state.nj.us/agriculture).

### **Additional Information & Advisories**

- The risk of WNV infection has increased with the arrival of summer and people should take steps now to eliminate mosquito-breeding areas around their homes and protect themselves and their

families from infection.

- Among the personal precautions residents can take now are such measures as eliminating standing water on their own property (such as clearing clogged gutters, draining flower pots, recycling old car tires, etc.), and repairing window and door screens. In the spring, summer, and fall residents can spray insect repellent on their clothing and exposed skin in accordance with labeling directions, wear long sleeved shirts and pants when outdoors, or curb outdoor activities at dawn, dusk and during the evening.
- The West Nile virus, an arboviral disease, is transmitted through the bite of a mosquito that has picked up the virus by feeding on an infected bird. WNV is not directly transmitted from birds to humans. WNV infection generally causes no symptoms or just mild, flu-like symptoms; however, the elderly are at higher risk of more severe disease.
- In New Jersey, a total of 89 people have been diagnosed with WNV between 1999 and 2006. Lab testing confirmed WNV infection in these residents, with five resulting fatalities. WNV activity (identified from avian, equine and/or mosquito surveillance) has been detected in every county in New Jersey.
- New Jersey's WNV surveillance, control and prevention activities involve the coordinated efforts of a number of federal, state and local agencies. These include the New Jersey Departments of Health and Senior Services, Environmental Protection, and Agriculture, the CDC, the State Mosquito Control Commission, the Rutgers Center for Vector Biology, and local health and mosquito control agencies.

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