



Philadelphia Department of Public Health
Division of Disease Control

THOMAS A. FARLEY, MD, MPH
 Health Commissioner

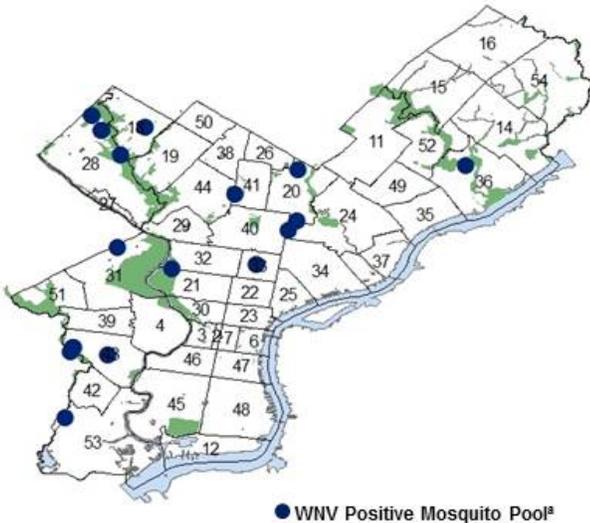
CAROLINE C. JOHNSON, MD
 Acting Deputy Health Commissioner &
 Director, Division of Disease Control

2016 Philadelphia West Nile Virus Activity Report
August 10, 2016

During Morbidity Week 30, West Nile virus (WNV) activity among mosquitoes continued to increase in the Northern and Western regions of Philadelphia. Positive mosquito pools also have been identified in neighboring counties in Pennsylvania and New Jersey. No human cases have been reported in the City. While the number of human cases of WNV and location of outbreaks has varied by season across the country, identification of mosquito pools infected with WNV remains the best predictor of increased risk for human infection in a given location.

From May through October, the Philadelphia Department of Public Health (PDPH) in collaboration with the PA Department of Environmental Protection conducts mosquito management activities throughout Philadelphia, which entails surveillance and identification of mosquito pools, testing pools for WNV, and control activities (eliminating breeding sites, larviciding catch basins, ground spraying, etc.). Targeted treatments to control adult mosquito populations will be applied to areas with WNV positive pools as needed.

**West Nile Virus Mosquito and Human Case Surveillance, Philadelphia PA,
 Morbidity Week 30 and Cumulative 2016 Season Update**



^aSeventeen sites tested positive 1-4 times.

WNV Testing and Reporting Requirements for Human Surveillance in Philadelphia:

- Collect CSF (from symptom onset–day 8) and serum (day 8–14) from patients with unexplained encephalitis or meningitis for WNV IgM testing.
- Report suspected and confirmed WNV infections (neuroinvasive or non-neuroinvasive illness) and encephalitis cases to PDPH by telephone at 215-685-6742 (or 215-686-4514 after hours). Reports also may be faxed to 215-238-6947.

	Week 30 (7/24–7/30)	2016 Season (5/1–7/30)
Mosquito Pools Tested	78	421 ^a
WNV Positive Pools	11	22
Humans Tested ^b	1	9
Human WNV Cases	0	0

^a421 mosquito pools at 143 different mosquito trapping sites

^bTesting among case reports received by PDPH only

State and National WNV Activity Reports

- [Pennsylvania Department of Health](#)
- [Centers for Disease Control and Prevention](#)

Advise your patients to:

- Use repellent with DEET (≥20% to also prevent tick bites), Picaridin, or oil of lemon eucalyptus when outdoors.
- Regularly check and remove standing water outside their home (e.g., unused pools, tires).
- Keep well-fitted screens on windows and doors.
- Report mosquito problems and dead bird sightings to the PDPH Vector Control Program's Mosquito Complaint hotline at 215-685-9000.