



**West Nile Virus Surveillance Report
 October 8th, 2015**

Purpose: This report serves as the official statement of West Nile Virus activity in humans, mosquitos, and birds within the jurisdiction of the Cook County Department of Public Health.

Mosquito¹ Surveillance:

Week 39: (09/27/2015-10/03/2015)	
Number of female <i>Culex</i> mosquitoes tested	1,046
Number of <i>Culex</i> mosquito pools tested	53
Number of positive pools	4
Number of communities with positive mosquito pools ²	4
Cumulative Totals: (05/03/2015 – 10/03/2015)	
Number of female <i>Culex</i> mosquitoes tested	250,419
Number of <i>Culex</i> mosquito pools tested	5,264
Number of positive pools	839
Number of communities with positive mosquito pools	66

1. Includes mosquito surveillance data from Cook County Department of Public Health, Skokie Department of Public Health, Evanston Department of Public Health, North West Mosquito Abatement District, North Shore Mosquito Abatement District, Des Plaines Valley Mosquito Abatement District, South Cook County Mosquito Abatement District, and the Illinois Department of Public Health.

2. Hillside, Melrose Park, Northbrook, and Oak Park.

Dead Birds: Twenty-one birds have been submitted for testing. One bird has tested positive, collected in Palos Heights, and sixteen birds have tested negative. Two birds were not able to be tested. Two birds are pending results.

Human Cases: Nine cases of WNV infection in humans have been reported.

Risk Assessment

There is a **low risk** of human West Nile Virus infection at this time.

Prevention: When outdoors between dusk and dawn, cover skin with lightly colored lose fitting clothing and use mosquito repellent with DEET, picaridin or oil of lemon eucalyptus. When applying repellent, always follow the directions on the product label. Get rid of standing water around your home in pet bowls, flower pots, old tires, baby pools and toys. Water that is allowed to stagnate for three or four days becomes a breeding ground for mosquitoes. Make sure your doors and windows have tightly fitting screens and repair any tears or other openings. Keep weeds and grass cut short and keep gutters clean and free of debris.

Disclaimer: All data are preliminary and may change as more reports are received.