



West Nile Virus Surveillance Report

September 5th, 2014

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 35: (08/24/2014-08/30/2014)	
Number of female <i>Culex</i> mosquitoes tested	15,354
Number of <i>Culex</i> mosquito pools tested	329
Number of positive pools	105
Number of communities with positive mosquito pools ²	45
Cumulative Totals: (05/08/2014 – 08/30/2014)	
Number of female <i>Culex</i> mosquitoes tested	247,579
Number of <i>Culex</i> mosquito pools tested	5,232
Number of positive pools	444
Number of communities with positive mosquito pools	63

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. Arlington Heights, Bartlett, Berkeley, Berwyn, Broadview, Chicago Ridge, Des Plaines, Elk Grove, Evanston, Evergreen Park, Forest Park, Glenview, Hillside, Hodgkins, Hoffman Estates, Homewood, La Grange, La Grange Park, Lansing, Lemont, Lincolnwood, Melrose Park, Morton Grove, Niles, Norridge, Northbrook, Northfield, Oak Forest, Oak Lawn, Oak Park, Olympia Fields, Orland Park, Palos Hills, Prospect Heights, River Forest, Rolling Meadows, Schaumburg, Schiller Park, Skokie, Streamwood, Summit, Tinley Park, Wheeling, Willow Springs, and Wilmette.

Dead Birds: Thirty-four birds have been submitted for testing. Thirty birds have tested negative, four birds have tested positive for WNV, collected in Arlington Heights, Oak Lawn, Riverside, and Western Springs. Three birds are pending results.

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

Risk Assessment

There is an **increased risk** of human West Nile Virus infection at this time.

Prevention: When outdoors between dusk and dawn, cover skin with lightly colored loose 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.