



West Nile Virus Surveillance Report
August 19th, 2016

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 32: (08/07/2016 – 08/13/2016)	
Number of female <i>Culex</i> mosquitoes tested	16,697
Number of <i>Culex</i> mosquito pools tested	348
Number of positive pools	201
Number of communities with positive mosquito pools ²	51
Cumulative Totals: (05/08/2016 – 08/13/2016)	
Number of female <i>Culex</i> mosquitoes tested	154,994
Number of <i>Culex</i> mosquito pools tested	3,541
Number of positive pools	699
Number of communities with positive mosquito pools ³	63

1. Includes mosquito surveillance data from Cook County 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. All data are preliminary and may change as more reports are received.

2. Alsip, Berkeley, Berwyn, Brookfield, Buffalo Grove, Des Plaines, Elgin, Elk Grove Village, Elmwood Park, Evanston, Evergreen Park, Forest Park, Franklin Park, Glencoe, Glenview, Harwood Heights, Hickory Hills, Hillside, Hodgkins, Hoffman Estates, Homewood, Justice, Kenilworth, La Grange, La Grange Park, Melrose Park, Morton Grove, Niles, Norridge, Northbrook, Northfield, Oak Lawn, Oak Park, Orland Park, Palatine, Palos Hills, Prospect Heights, Richton Park, River Forest, Rolling Meadows, Schaumburg, Schiller Park, Skokie, Streamwood, Summit, Tinley Park, Wheeling, Willow Springs, Wilmette, and Winnetka.

3. Alsip, Arlington Heights, Bartlett, Berkeley, Berwyn, Broadview, Brookfield, Buffalo Grove, Calumet City, Chicago Ridge, Des Plaines, Elgin, Elk Grove Village, Elmwood Park, Evanston, Evergreen Park, Forest Park, Franklin Park, Glencoe, Glenview, Glenwood, Harwood Heights, Hickory Hills, Hillside, Hodgkins, Hoffman Estates, Homewood, Justice, Kenilworth, 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, Palatine, Palos Heights, Palos Hills, Park Ridge, Prospect Heights, Richton Park, River Forest, Rolling Meadows, Schaumburg, Schiller Park, Skokie, Streamwood, Summit, Tinley Park, Wheeling, Willow Springs, Wilmette, and Winnetka.

Dead Birds: Two birds have been submitted for testing and are pending results.

Human Cases: One case of WNV infection in humans has been reported.

Risk Assessment

There is a **high 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.