



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 31: (08/06/2017 – 08/12/2017)	
Number of female <i>Culex</i> mosquitoes tested	15,381
Number of <i>Culex</i> mosquito pools tested	387
Number of positive pools	170
Number of communities with positive mosquito pools ²	50
Cumulative Totals: (05/14/2017 – 08/12/2017)	
Number of female <i>Culex</i> mosquitoes tested	138,448
Number of <i>Culex</i> mosquito pools tested	3,622
Number of positive pools	728
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, Bartlett, Berkeley, Berwyn, Broadview, Brookfield, Buffalo Grove, Calumet City, Chicago Ridge, Cicero, Country Club Hills, Des Plaines, Elmwood Park, Evanston, Evergreen Park, Forest Park, Franklin Park, Glencoe, Glenview, Glenwood, Harwood Heights, Hillside, Hodgkins, Hoffman Estates, Homewood, Justice, Kenilworth, La Grange, La Grange Park, Lincolnwood, Lynwood, Melrose Park, Morton Grove, Norridge, Northbrook, Northfield, Oak Lawn, Oak Park, Orland Park, Palos Hills, Palos Park, Prospect Heights, River Forest, Schiller Park, Skokie, Summit, Tinley Park, Wheeling, Willow Springs, Wilmette.

3. Alsip, Arlington Heights, Bartlett, Berkeley, Berwyn, Broadview, Brookfield, Buffalo Grove, Calumet City, Chicago Ridge, Cicero, Country Club Hills, Des Plaines, Elgin, Elk Grove Village, Elmwood Park, Evanston, Evergreen Park, Forest Park, Franklin Park, Glencoe, Glenview, Glenwood, Harwood Heights, Hillside, Hodgkins, Hoffman Estates, Homewood, Justice, Kenilworth, La Grange, La Grange Park, Lansing, Lemont, Lincolnwood, Lynwood, Melrose Park, Morton Grove, Niles, Norridge, Northbrook, Northfield, Oak Forest, Oak Lawn, Oak Park, Orland Park, Palatine, Palos Hills, Palos Park, Park Ridge, Prospect Heights, River Forest, Rolling Meadows, Schaumburg, Schiller Park, Skokie, Streamwood, Summit, Tinley Park, Wheeling, Willow Springs, Wilmette, Winnetka.

Dead Birds: Sixteen birds have been submitted for testing. Thirteen have tested negative. Three birds have tested positive, one from Elmwood Park and two from Arlington Heights.

Human Cases: Two cases of West Nile Virus have been reported; both cases were neuroinvasive.

Risk Assessment

The risk of human West Nile Virus infection is **high**.

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.