



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 40: (10/01/2017 – 10/07/2017)	
Number of female <i>Culex</i> mosquitoes tested	4,725
Number of <i>Culex</i> mosquito pools tested	148
Number of positive pools	9
Number of communities with positive mosquito pools ²	8
Cumulative Totals: (05/14/2017 – 10/07/2017)	
Number of female <i>Culex</i> mosquitoes tested	226,693
Number of <i>Culex</i> mosquito pools tested	5,947
Number of positive pools	1,468
Number of communities with positive mosquito pools ³	72

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. Country Club Hills, Forest Park, Franklin Park, Harwood Heights, La Grange, Oak Lawn, River Forest, Willow Springs.

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, Flossmoor, Forest Park, Franklin Park, Glencoe, Glenview, Glenwood, Harvey, Harwood Heights, Hickory Hills, Hillside, Hodgkins, Hoffman Estates, Homewood, Justice, Kenilworth, La Grange, La Grange Park, Lansing, Lemont, Lincolnwood, Lynwood, Maywood, Melrose Park, Morton Grove, Niles, Norridge, Northbrook, Northfield, Oak Forest, Oak Lawn, Oak Park, Olympia Fields, Orland Park, Palatine, Palos Heights, Palos Hills, Palos Park, Park Ridge, Prospect Heights, Richton Park, River Forest, Rolling Meadows, Schaumburg, Schiller Park, Skokie, South Chicago Heights, Steger, Streamwood, Summit, Tinley Park, Wheeling, Willow Springs, Wilmette, Winnetka.

Dead Birds: Eighteen birds have been submitted for testing. Fourteen have tested negative. Four birds have tested positive, one from Elmwood Park, one from Palatine, and two from Arlington Heights.

Human Cases: Twenty-three cases of West Nile Virus have been reported; fifteen cases were neuroinvasive.

Risk Assessment

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

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.