



**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.

**Mosquito<sup>1</sup> Surveillance:**

<b>Week 37: (09/11/2016 – 09/17/2016)</b>	
Number of female <i>Culex</i> mosquitoes tested	6,527
Number of <i>Culex</i> mosquito pools tested	206
Number of positive pools	50
Number of communities with positive mosquito pools <sup>2</sup>	27
<b>Cumulative Totals: (05/08/2016 – 09/17/2016)</b>	
Number of female <i>Culex</i> mosquitoes tested	203,486
Number of <i>Culex</i> mosquito pools tested	4,928
Number of positive pools	1,340
Number of communities with positive mosquito pools <sup>3</sup>	68

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, Arlington Heights, Brookfield, Buffalo Grove, Des Plaines, Evanston, Forest Park, Glencoe, Glenview, Hillside, Homewood, La Grange Park, Lansing, Lincolnwood, Lynwood, Melrose Park, Oak Park, Palatine, Palos Hills, Prospect Heights, River Forest, Skokie, Summit, Tinley Park, Wheeling, Willow Springs, and Winnetka.

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, Harwood Heights, Hickory Hills, 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, Olympia Fields, Orland Park, Palatine, Palos Heights, Palos Hills, Park Ridge, Prospect Heights, Richton Park, River Forest, Rolling Meadows, Schaumburg, Schiller Park, Skokie, Steger, Streamwood, Summit, Tinley Park, Wheeling, Willow Springs, Wilmette, and Winnetka.

**Dead Birds:** Nine birds have been submitted for testing. Two birds have tested positive, collected in Northfield and Arlington Heights, and three birds have tested negative. Four birds are pending results.

**Human Cases:** Twenty-nine cases of WNV infection in humans have been reported; twelve cases were neuroinvasive. In addition, five asymptomatic blood donors have tested positive for WNV.

**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.