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West Nile Virus Surveillance Report Aug 31, 2012

Mosquito¹ Surveillance:

Week 34: (08/19/2012 – 08/26/2012)	
Number of female <i>Culex</i> mosquitoes tested	10,864
Number of <i>Culex</i> mosquito pools tested	356
Number of positive pools	156
Number of communities with positive mosquito pools ²	61
Cumulative Totals: (05/20/2012 – 08/26/2012)	
Number of female <i>Culex</i> mosquitoes tested	211,985
Number of <i>Culex</i> mosquito pools tested	5,105
Number of positive pools	1,998
Number of communities with positive mosquito pools	73

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. Communities are: Alsip, Arlington Heights, Barrington, Bartlett, Berkeley, Berwyn, Broadview, Buffalo Grove, Cicero, Country Club Hills, Des Plaines, Elgin, Elk Grove, Evanston, Evergreen Park, Forest Park, Franklin Park, Glenview, Glenwood, Harvey, Harwood Heights, Hillside, Hodgkins, Hoffman Estates, Homewood, Justice, Kenilworth, La Grange, La Grange Highlands, La Grange Park, Lincolnwood, Lynwood, Melrose Park, Morton Grove, Nilas, Norridge, North Riverside, Northbrook, Northfield, Oak Forest, Oak Lawn, Oak Park, Olympia Fields, 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, and Winnetka.

Dead Birds: A total of 56 birds have been collected, of which 6 were positive and 5 are pending results.

Human Cases: Thirty-seven human cases have been reported.

Risk Assessment

There is a **high** risk of human West Nile Virus infection in suburban Cook County.

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.

15900 S. Cicero Avenue • Building E • Oak Forest, Illinois 60452 • Tel: (708) 633-4000

Ambulatory & Community Health Network • Cermak Health Services • Cook County Department of Public Health
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