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West Nile Virus Surveillance Report September 24, 2012

Mosquito¹ Surveillance:

Week 37: (09/09/2012 – 09/15/2012)	
Number of female <i>Culex</i> mosquitoes tested	7,814
Number of <i>Culex</i> mosquito pools tested	277
Number of positive pools	61
Number of communities with positive mosquito pools ²	38
Cumulative Totals: (05/20/2012 – 09/15/2012)	
Number of female <i>Culex</i> mosquitoes tested	246,259
Number of <i>Culex</i> mosquito pools tested	6,127
Number of positive pools	2,389
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: Arlington Heights, Barrington, Berkeley, Berwyn, Broadview, Buffalo Grove, Cicero, Country Club Hills, Elgin, Evergreen Park, Forest Park, Franklin Park, Glenview, Harvey, Harwood Heights, Hodgkins, Hoffman Estates, Homewood, Justice, La Grange Park, Lansing, Lemont, Norridge, North Riverside, Northbrook, Oak Forest, Oak Lawn, Oak Park, Orland Park, Palatine, Palos Hills, Palos Park, Prospect Heights, Schaumburg, Schiller Park, Summit, Tinley Park and Willow Springs.

Dead Birds: A total of 65 birds have been collected, of which 8 were positive and 5 are pending results.

Human Cases: Seventy-five human cases have been reported.

Risk Assessment

There is a **moderate** 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.

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