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West Nile Virus Surveillance Report September 7, 2012

Mosquito¹ Surveillance:

Week 35: (08/26/2012 – 09/01/2012)	
Number of female <i>Culex</i> mosquitoes tested	11,744
Number of <i>Culex</i> mosquito pools tested	387
Number of positive pools	131
Number of communities with positive mosquito pools ²	49
Cumulative Totals: (05/20/2012 – 09/01/2012)	
Number of female <i>Culex</i> mosquitoes tested	213,745
Number of <i>Culex</i> mosquito pools tested	5,521
Number of positive pools	2,184
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, Barrington, Bartlett, Berkeley, Berwyn, Broadview, Brookfield, Buffalo Grove, Chicago Ridge, Des Plaines, Elgin, Elk Grove, Evanston, Evergreen Park, Forest Park, Franklin Park, Glenview, Harwood Heights, Hickory Hills, Hillside, Hodgkins, Hoffman Estates, Justice, La Grange, La Grange Park, Lansing, Lemont, Lincolnwood, Melrose Park, Morton Grove, Norridge, North Riverside, Northbrook, Oak Lawn, Oak Park, Palatine, Palos Hills, Palos Park, Park Ridge, Prospect Heights, River Forest, Schaumburg, Schiller Park, Skokie, Streamwood, Summit, Tinley Park, Wheeling and Willow Springs.

Dead Birds: A total of 58 birds have been collected, of which 6 were positive and 7 are pending results.

Human Cases: Forty-eight 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.

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