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West Nile Virus Surveillance Report July 25, 2012

Mosquito¹ Surveillance:

Week 28: (07/08/2012 – 07/14/2012)	
Number of female <i>Culex</i> mosquitoes tested	23,426
Number of <i>Culex</i> mosquito pools tested	474
Number of positive pools	234
Number of communities with positive mosquito pools ²	56
Cumulative Totals: (05/20/2012 – 07/14/2012)	
Number of female <i>Culex</i> mosquitoes tested	115,370
Number of <i>Culex</i> mosquito pools tested	2,541
Number of positive pools	375
Number of communities with positive mosquito pools	59

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, Broadview, Buffalo Grove, Calumet City, Chicago Ridge, Country Club Hills, Des Plaines, Elgin, Elk Grove, Evanston, Evergreen Park, Franklin Park, Glenview, Harwood Heights, Hillside, Hoffman Estates, Homewood, Justice, Kenilworth, La Grange Highlands, Lansing, Lemont, Lincolnwood, Lynwood, Melrose Park, Morton Grove, Niles, Norridge, North Riverside, Northbrook, Northfield, Oak Forest, Oak Lawn, Oak Park, Palatine, Palos Heights, Palos Hills, Palos Park, Park Ridge, Prospect Heights, Richton Park, River Forest, Rolling Meadows, Schaumburg, Schiller Park, Skokie, Chicago Heights, Streamwood, Summit, Wheeling, Wilmette and Winnetka.

Dead Birds: Three birds were submitted during week 28 and results are pending. A total of 33 birds have been tested, of which 3 were positive.

Human Cases: Two human cases have been confirmed.

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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