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West Nile Virus Surveillance Report September 1, 2011

Mosquito¹ Surveillance:

Week 34: (08/21/2011 – 08/27/2011)	
Number of female <i>Culex</i> mosquitoes tested	13,388
Number of <i>Culex</i> mosquito pools tested	330
Number of positive pools	83
Number of communities with positive mosquito pools ²	37
Cumulative Totals: (05/08/2011 – 08/27/2011)	
Number of female <i>Culex</i> mosquitoes tested	179,699
Number of <i>Culex</i> mosquito pools tested	4,134
Number of positive pools	390
Number of communities with positive mosquito pools	53

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, Berkeley, Broadview, Buffalo Grove, Chicago Ridge, Country Club Hills, Des Plaines, Elk Grove, Evergreen Park, Forest Park, Franklin Park, Glenview, Glenwood, Harwood Heights, Hickory Hills, Hillside, Hodgkins, Homewood, Justice, LaGrange Highlands, Lansing, Lemont, Melrose Park, Niles, Norridge, North Riverside, Northbrook, Oak Lawn, Oak Park, Orland Park, Palatine, Palos Park, Prospect Heights, Schiller Park, Summit and Willow Springs.

Dead Birds: No birds were submitted during week 34. A total of 26 birds have been tested, of which 5 were positive.

Human Cases: Two human cases have been confirmed.

Risk Assessment

There is a **moderate** 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.

Disclaimer: All data are preliminary and may change as more reports are received.