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West Nile Virus Surveillance Report September 23, 2011

Mosquito¹ Surveillance:

Week 37: (09/11/2011 – 09/17/2011)	
Number of female <i>Culex</i> mosquitoes tested	6,372
Number of <i>Culex</i> mosquito pools tested	177
Number of positive pools	43
Number of communities with positive mosquito pools ²	33
Cumulative Totals: (05/08/2011 – 09/17/2011)	
Number of female <i>Culex</i> mosquitoes tested	208,267
Number of <i>Culex</i> mosquito pools tested	4,889
Number of positive pools	659
Number of communities with positive mosquito pools	62

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, Berkeley, Berwyn, Brookfield, Cicero, Country Club Hills, Des Plaines, Elk Grove, Forest Park, Glenview, Harvey, Harwood Heights, Hickory Hills, Hillside, Hoffman Estates, La Grange Highlands, Melrose Park, Niles, Norridge, North Riverside, Northbrook, Oak Lawn, Oak Park, Orland Park, Palatine, Palos Hills, Prospect Heights, Richton Park, Schaumburg, Schiller Park, Streamwood, Tinley Park and Willow Springs.

Dead Birds: No birds were submitted during week 37. A total of 37 birds have been tested, of which 10 were positive.

Human Cases: Eight human cases, including one death, have been reported (7 confirmed, 1 probable).

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.