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West Nile Virus Surveillance Report August 12, 2011

Mosquito¹ Surveillance:

Week 31: (07/31/2011 – 08/06/2011)	
Number of female <i>Culex</i> mosquitoes tested	13,581
Number of <i>Culex</i> mosquito pools tested	327
Number of positive pools	70
Number of communities with positive mosquito pools ²	21
Cumulative Totals: (05/08/2011 – 08/06/2011)	
Number of female <i>Culex</i> mosquitoes tested	137,676
Number of <i>Culex</i> mosquito pools tested	3,049
Number of positive pools	129
Number of communities with positive mosquito pools	31

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, Des Plaines, Elk Grove Village, Evanston, Glencoe, Glenview, Harwood Heights, Hillside, Homewood, Kenilworth, Melrose Park, Morton Grove, Niles, Northbrook, Northfield, Oak Lawn, Prospect Heights, Schaumburg, Schiller Park, Skokie and Summit.

Dead Birds: No birds were submitted during week 31. A total of 13 birds have been tested, of which 2 were positive.

Human Cases: There are no reported cases of WNV infection in humans.

Risk Assessment

There is a **moderate** risk of human West Nile Virus infection at this time. Municipalities in the northern district of Cook County are at higher risk, due to the rapid amplification of WNV positive mosquitoes in this area.

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.