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West Nile Virus Surveillance Report August 19, 2011

Mosquito¹ Surveillance:

Week 32: (08/07/2011 – 08/13/2011)	
Number of female <i>Culex</i> mosquitoes tested	11,604
Number of <i>Culex</i> mosquito pools tested	308
Number of positive pools	86
Number of communities with positive mosquito pools ²	27
Cumulative Totals: (05/08/2011 – 08/06/2011)	
Number of female <i>Culex</i> mosquitoes tested	149,280
Number of <i>Culex</i> mosquito pools tested	3,357
Number of positive pools	220
Number of communities with positive mosquito pools	38

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: Berkeley, Chicago Ridge, Country Club Hills, Des Plaines, Elk Grove Village, Evergreen Park, Franklin Park, Glenview, Justice, Kenilworth, La Grange Highlands, Lansing, Lemont, Melrose Park, Morton Grove, Niles, Norridge, Northbrook, Northfield, Oak Lawn, Olympia Fields, Orland Park, Schaumburg, Schiller Park, Skokie, Wilmette and Winnetka.

Dead Birds: No birds were submitted during week 32. A total of 13 birds have been tested, of which 2 were positive.

Human Cases: One human case has been confirmed.

Risk Assessment

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

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.