



Arbovirus Surveillance Report



City of Chicago
Rahm Emanuel, Mayor

Environmental Health

Department of Public Health
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West Nile Virus

September 23, 2013

Surveillance

This is the sixteenth week of mosquito surveillance. Mosquitoes were collected from a total of 72 gravid traps on two consecutive days.

Mosquitoes:

Week 38 (09/15/2013 – 09/21/2013)	
Total Collections (Number of Traps X Frequency of Collection)	144
Number of Female <i>Culex</i> Trapped and Tested	1030
Number of Pools Tested	112
Number of Pools Positive	11
Number of Community Areas with Positive Mosquitoes Pools	9
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2306
Number of Female <i>Culex</i> Trapped and Tested	35939
Number of Pools Tested	2300
Number of Pools Positive	235
Number of Community Areas with Positive Mosquitoes Pools	41

Community Areas (Cumulative): BEVERLY, WASHINGTON HEIGHTS, IRVING PARK, EDGWATER, MOUNT GREENWOOD, GREATER GRAND CROSSING, FOREST GLEN, PORTAGE PARK, BELMONT CRAGIN, EAST GARFIELD PARK, NEAR WEST SIDE, SOUTH DEERING, ASHBURN, AUSTIN, NEW CITY, O'HARE, LINCOLN PARK, SOUTH SHORE, AVONDALE, RIVERDALE, LAKE VIEW, CHATHAM, DUNNING, NORTH PARK, GAGE PARK, CHICAGO LAWN, CLEARING, NORWOOD PARK, EDISON PARK, LINCOLN SQUARE, NORTH LAWNSDALE, WEST LAWN, WEST TOWN, SOUTH LAWNSDALE, HUMBOLDT PARK, WEST PULLMAN, ROSELAND, ARCHER HEIGHTS, ENGLEWOOD, WOODLAWN and PULLMAN.

Dead birds: No additional dead birds to report, leaving at 8 the number of dead birds testing negative and 2 the number of dead birds testing positive.

Humans: One human case with onset of illness in August.

Risk Assessment

Chicago Department of Public Health

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<http://www.cityofchicago.org/health>

The number of female *Culex* mosquitoes trapped and tested decreased by more than 50% from week 37 as did the number of positive pools. However, the risk of West Nile virus infection continues to remain elevated.

Larval and Adult Mosquito Control Efforts

No adulticiding occurred during week 37.