



# Arbovirus Surveillance Report



City of Chicago  
Rahm Emanuel, Mayor

Environmental Health

Department of Public Health  
Bechara Choucair, MD, Commissioner

## West Nile Virus

September 30, 2013

### Surveillance

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

#### Mosquitoes:

<b>Week 39 (09/22/2013 – 09/28/2013)</b>	
Total Collections (Number of Traps X Frequency of Collection)	144
Number of Female <i>Culex</i> Trapped and Tested	505
Number of Pools Tested	92
Number of Pools Positive	4
Number of Community Areas with Positive Mosquitoes Pools	4
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	2450
Number of Female <i>Culex</i> Trapped and Tested	36444
Number of Pools Tested	2392
Number of Pools Positive	239
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:** No additional human cases to report, leaving at one the number of human cases.

### Risk Assessment

#### Chicago Department of Public Health

Environmental Health • 2133 W. Lexington, Chicago IL 60612 • 746-6621

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

The number of female *Culex* mosquitoes trapped and tested decreased by more than 50% from week 38, and the number of positive pools decreased by 67%. The risk of West Nile virus infection is decreasing from levels seen in previous weeks.

### **Larval and Adult Mosquito Control Efforts**

No adulticiding occurred during week 38.