

# Arboviral Surveillance Report

## September 21, 2015

### Surveillance

The City's arboviral surveillance continued last week and all collected mosquitoes were tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts have continued to decrease. This week 4 trap locations within the City of Chicago collected WNV positive mosquitoes. These collections contained a combination of *Culex pipiens* and *Culex restuans* mosquitoes. The risk of WNV transmission appears to be declining.

### Mosquitoes (data from 78 traps)

<b>Week 37 (09/13/15 – 09/19/15)</b>	
Total Collections (Number of Traps X Frequency of Collection)	145
Number of Female <i>Culex</i> Trapped and Tested	582
Number of Pools Tested	82
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)	2,384
Number of Female <i>Culex</i> Trapped and Tested	16,544
Number of Pools Tested	1,623
Number of Pools Positive	109
Number of Community Areas with Positive Mosquitoes Pools	47

**Community Areas with Positive Mosquito Pools (Cumulative):** Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, Edison Park, Edgewater, O'Hare, Forest Glen, Gage Park, Gr. Grand Crossing, Hegewisch, Irving Park, Lincoln Square, New City, North Park, Norwood Park, Portage Park, Riverdale, South Lawndale, South Deering, Washington Heights, West Town, West Lawn, Wood Lawn West Pullman.

**Dead birds:** To date, four dead birds have been collected; two negative, the other two not testable.

**Humans:** 7 human case reported.

### Risk Assessment

The risk of human West Nile virus infection is low.

### Larval and Adult Mosquito Control Efforts

CDPH continues to monitor catch basins.