

# Arboviral Surveillance Report

## August 18, 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 remain low; however, this week 10 trap locations within the City of Chicago collected WNV positive mosquitoes. These collections contained a combination of *Culex pipiens* and *Culex restuans* mosquitoes. As the amplification cycle has continued, the risk of WNV transmission is also increasing.

### Mosquitoes (data from 82 traps)

<b>Week 32 (08/09/15 – 08/15/15)</b>	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	1404
Number of Pools Tested	123
Number of Pools Positive	16
Number of Community Areas with Positive Mosquitoes Pools	11
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	1630
Number of Female <i>Culex</i> Trapped and Tested	12402
Number of Pools Tested	1142
Number of Pools Positive	47
Number of Community Areas with Positive Mosquitoes Pools	18

**Community Areas with Positive Mosquito Pools (Cumulative):** Archer Heights, Ashburn, Austin, Belmont Cragin, Dunning, O'Hare, Gage Park, Gr. Grand Crossing, Hegewisch, Irving Park, Lincoln Square, New City, Norwood Park, Portage Park, Riverdale, South Lawndale, Washington Heights and West Pullman.

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

**Humans:** No human cases reported.

### Risk Assessment

The risk of human West Nile virus infection is moderate.

### Larval and Adult Mosquito Control Efforts

With the completion of formal catch basin treatments, CDPH began the weekly monitoring of application efficacy. As needed, re treatments will be performed throughout the summer.