

# Arboviral Surveillance Report

## July 27, 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 in 2015. However this week, 2 additional trap locations from Chicago collected WNV positive mosquitoes. Both collections contained *Culex restuans* which are primarily a bird-feeding species. Although the risk for WNV transmission remains low within the City, we are approaching the period when WNV amplification is likely to continue in the local mosquito and reservoir host populations.

### Mosquitoes (data from 83 traps)

<b>Week 29 (07/19/15 – 07/25/15)</b>	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	1403
Number of Pools Tested	122
Number of Pools Positive	7
Number of Community Areas with Positive Mosquitoes Pools	4
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	1171
Number of Female <i>Culex</i> Trapped and Tested	7573
Number of Pools Tested	741
Number of Pools Positive	10
Number of Community Areas with Positive Mosquitoes Pools	5

**Community Areas with Positive Mosquito Pools (Cumulative):** O'Hare, Gr. Grand Crossing, Hegewisch, Lincoln Square and West Pullman.

**Dead birds:** To date, three dead birds have been collected.

**Humans:** No human cases reported.

### Risk Assessment

The risk of human West Nile virus infection remains low.

### 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.