

Arboviral Surveillance Report

August 3, 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, 5 trap locations within the City of Chicago collected WNV positive mosquitoes. These collections contained a combination of *Culex pipiens* and *Culex restuans* mosquitoes. Although the risk for WNV transmission remains low within the City, WNV amplification is likely to continue in the local mosquito and reservoir host populations.

Mosquitoes (data from 81 traps)

Week 30 (07/26/15 – 08/01/15)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	1957
Number of Pools Tested	140
Number of Pools Positive	8
Number of Community Areas with Positive Mosquitoes Pools	6
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1324
Number of Female <i>Culex</i> Trapped and Tested	9530
Number of Pools Tested	881
Number of Pools Positive	18
Number of Community Areas with Positive Mosquitoes Pools	10

Community Areas with Positive Mosquito Pools (Cumulative): Ashburn, Austin, O'Hare, Gr. Grand Crossing, Hegewisch, Irving Park, Lincoln Square, Norwood Park, Riverdale 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.