

Arboviral Surveillance Report

July 25, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 82 traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts increased by almost two-fold from the prior week and the number of WNV-positive pools increased three-fold, indicating the risk for WNV is increasing.

Mosquitoes (data from 82 traps)

Week 29 (07/17/16 – 07/23/16)	
Total Collections (Number of Traps X Frequency of Collection)	155
Number of Female <i>Culex</i> Trapped and Tested	1501
Number of Pools Tested	94
Number of Pools Positive	15
Number of Community Areas with Positive Mosquitoes Pools	3
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1025
Number of Female <i>Culex</i> Trapped and Tested	8442
Number of Pools Tested	566
Number of Pools Positive	30
Number of Community Areas with Positive Mosquitoes Pools	6

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Austin, Chicago Lawn, O'Hare, South Lawndale, Washington Heights.

Dead birds: 2-unable to test

Humans: 0

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago continues to increase.

Larval and Adult Mosquito Control Efforts

We continue to monitor catch basins in treated and non-treated areas.