

Arboviral Surveillance Report

July 18, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 83 gravid traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts and positive WNV results are increasing, indicating the risk for WNV is also beginning to increase within the surrounding area and in the City.

Mosquitoes (data from 83 traps)

Week 28 (07/10/16 – 07/16/16)	
Total Collections (Number of Traps X Frequency of Collection)	158
Number of Female <i>Culex</i> Trapped and Tested	870
Number of Pools Tested	83
Number of Pools Positive	5
Number of Community Areas with Positive Mosquitoes Pools	1
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	870
Number of Female <i>Culex</i> Trapped and Tested	6941
Number of Pools Tested	472
Number of Pools Positive	15
Number of Community Areas with Positive Mosquitoes Pools	4

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

Dead birds: 2 –unable to test

Humans: 0

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is increasing.

Larval and Adult Mosquito Control Efforts

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