

Arboviral Surveillance Report

July 6, 2015

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 80 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 continue to be very low for this time of year due to the higher than normal rainfall amounts and cooler temperatures and are significantly lower than in 2014. There was 1 positive mosquito pool collected from O'Hare airport; however, with the low trap numbers the risk for WNV transmission remains very low within the City.

Mosquitoes (data from 80 traps)

Week 26 (06/28/15 – 07/04/15)	
Total Collections (Number of Traps X Frequency of Collection)	151
Number of Female <i>Culex</i> Trapped and Tested	922
Number of Pools Tested	91
Number of Pools Positive	1
Number of Community Areas with Positive Mosquitoes Pools	0
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	714
Number of Female <i>Culex</i> Trapped and Tested	3452
Number of Pools Tested	407
Number of Pools Positive	1
Number of Community Areas with Positive Mosquitoes Pools	1

Community Areas with Positive Mosquito Pools (Cumulative): O'Hare

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 is at its typical early-season low.

Larval and Adult Mosquito Control Efforts

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