

Arboviral Surveillance Report

June 29, 2015

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 81 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 decreased in comparison to last week and are significantly lower than the 2014 season at this point. In addition, all test results were negative indicating the risk for WNV transmission remains very low within the City.

Mosquitoes (data from 81 traps)

Week 25 (06/21/15 – 06/27/15)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	577
Number of Pools Tested	91
Number of Pools Positive	0
Number of Community Areas with Positive Mosquitoes Pools	0
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	563
Number of Female <i>Culex</i> Trapped and Tested	2530
Number of Pools Tested	316
Number of Pools Positive	0
Number of Community Areas with Positive Mosquitoes Pools	0

Community Areas with Positive Mosquito Pools (Cumulative): None

Dead birds: To date, two dead birds have been collected. Results-unable to test

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 will begin the weekly monitoring of application efficacy this week. As needed, re treatments will be performed throughout the summer.