

Arboviral Surveillance Report

June 29th, 2020

Surveillance

This report provides data on week 26 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have placed gravid traps throughout the City of Chicago and will continue to monitor them twice a week for the duration of the mosquito-breeding season. For this reporting period, there are zero (0) WNV positive mosquito pools within the City.

Through the first month of the current WNV surveillance season, our collections indicate very low numbers of *Culex* mosquitoes. At this point last summer, we had collected and tested nearly 3 times as many mosquitoes. This trend of low *Culex* numbers are also being reported in nearby communities as well.

Mosquitoes (data from 76 traps)

Week 26 (06/22/20 – 06/28/20)	
Total Collections (Number of Traps X Frequency of Collection)	152
Number of Female <i>Culex</i> Trapped and Tested	686
Number of Pools Tested	113
Number of Pools Positive	0
Number of Community Areas with Positive Mosquito Pools	0
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	433
Number of Female <i>Culex</i> Trapped and Tested	2,409
Number of Pools Tested	335
Number of Pools Positive	0
Number of Community Areas with Positive Mosquito Pools	0

Community Areas with Positive Mosquito Pools (cumulative):

Dead Birds: 0

***Aedes albopictus* (cumulative):** 1 female

Humans: 0

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is low. There have been only 4 human cases of WNV reported nationwide this year and none in the upper Midwest.

Larval and Adult Mosquito Control Efforts

We have completed the treatment of over 40,000 catch basins in the public way. Surveillance crews will monitor these basins throughout the summer to assess the level of control.