

Arboviral Surveillance Report

July 9, 2018

Surveillance

This report provides data on week 27 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. 81 gravid and BG sentinel traps were placed throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Three (3) mosquito pools tested positive for WNV within our collections in Chicago.

Mosquitoes (data from 81 traps)

Week 27 (07/01/18 – 07/07/18)	
Total Collections (Number of Traps X Frequency of Collection)	81
Number of Female <i>Culex</i> Trapped and Tested	752
Number of Pools Tested	83
Number of Pools Positive	3
Number of Community Areas with Positive Mosquito Pools	3
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	678
Number of Female <i>Culex</i> Trapped and Tested	6,729
Number of Pools Tested	481
Number of Pools Positive	17
Number of Community Areas with Positive Mosquito Pools	6

Community Areas with Positive Mosquito Pools (Cumulative): Ashburn, Lincoln Square, O’Hare, Riverdale, West Lawn, West Pullman

Dead Birds: To date, 1 dead bird has been collected. Test results were negative.

***Aedes albopictus* (cumulative):** 5 females and 1 male

Humans: 1

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

The City of Chicago larvicide project is completed with 80,000 catch basins treated in the public way.

Surveillance crews will continue to monitor the basins for the remainder of the summer to assess the level of control.