

Arboviral Surveillance Report

July 24, 2018

Surveillance

This report provides data on week 29 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have successfully placed gravid and BG sentinel traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Seventeen (17) mosquito pools tested positive for WNV within our collections in Chicago.

Mosquitoes (data from 82 traps)

Week 29 (07/15/18 – 07/21/18)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,250
Number of Pools Tested	118
Number of Pools Positive	17
Number of Community Areas with Positive Mosquito Pools	9
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	990
Number of Female <i>Culex</i> Trapped and Tested	9,320
Number of Pools Tested	721
Number of Pools Positive	47
Number of Community Areas with Positive Mosquito Pools	17

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Chicago Lawn, Lincoln Square, New City, O'Hare, Portage Park, Riverdale, South Chicago, South Deering, South Lawndale, West Lawn, West Pullman, West Town

Dead Birds: To date, 4 dead birds have been collected; two were negative and 2 were unable to be tested.

***Aedes albopictus* (cumulative):** 25 females and 8 males

Humans: 1

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins for the remainder of the summer to assess the level of control. A truck ULV application is scheduled for Wednesday night in Chicago Lawn community area.