

Arboviral Surveillance Report

July 17, 2017

Surveillance

This report provides data on week 28 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have successfully placed gravid traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Thirteen (13) mosquito pools from five community areas tested positive for WNV.

Mosquitoes (data from 82 traps)

Week 28 (07/09/17 – 07/15/17)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,424
Number of Pools Tested	108
Number of Pools Positive	13
Number of Community Areas with Positive Mosquito Pools	5
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	795
Number of Female <i>Culex</i> Trapped and Tested	3,597
Number of Pools Tested	429
Number of Pools Positive	16
Number of Community Areas with Positive Mosquito Pools	6

Community Areas with Positive Mosquito Pools (Cumulative): Chicago Lawn, Gage Park, Hegewisch, Lincoln Square, O'Hare, South Deering

Dead Birds: To date, 7 dead birds have been collected; one was negative, two were unable to be tested, and test results for the remaining 4 are pending.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 17 females and 1 male

Humans: No human cases have been reported to date.

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins for the remainder of the summer to assess the level of control.