

Arboviral Surveillance Report

July 24, 2017

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 traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Eighteen (18) mosquito pools tested positive for WNV from 5 different community areas.

Mosquitoes (data from 82 traps)

Week 29 (07/16/17 – 07/22/17)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,350
Number of Pools Tested	127
Number of Pools Positive	18
Number of Community Areas with Positive Mosquito Pools	5
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	951
Number of Female <i>Culex</i> Trapped and Tested	4,947
Number of Pools Tested	556
Number of Pools Positive	34
Number of Community Areas with Positive Mosquito Pools	9

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

Dead Birds: To date, 8 dead birds have been collected; one was negative, two were unable to be tested, and test results for the remaining 5 are pending.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 20 females and 4 males

Humans: No human cases reported

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 continue to monitor catch basins to assess the level of larvicide efficacy. No adulticide applications are planned at this time.