

Arboviral Surveillance Report

October 2, 2017

Surveillance

This report provides data on week 39 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. Two (2) mosquito pools tested positive for WNV from two community areas. This will conclude all adult mosquito surveillance for the 2017 season.

Mosquitoes (data from 79 traps)

Week 39 (09/24/17 – 09/30/17)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	839
Number of Pools Tested	109
Number of Pools Positive	2
Number of Community Areas with Positive Mosquito Pools	2
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,500
Number of Female <i>Culex</i> Trapped and Tested	14,236
Number of Pools Tested	1,577
Number of Pools Positive	177
Number of Community Areas with Positive Mosquito Pools	26

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chatham, Chicago Lawn, Dunning, East Garfield Park, Edison Park, Forest Glen, Gage Park, Greater Grand Crossing, Hegewisch, Lincoln Park, Lincoln Square, New City, O'Hare, Pullman, Riverdale, South Deering, South Lawndale, Washington Heights, West Pullman, and West Town.

Dead Birds: To date, 14 dead birds have been collected: 1 was positive, 8 were negative, 3 were unable to be tested, and test results for the remaining 2 are pending.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 334 females and 84 males.

Humans: 6 cases, including one death.

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

All Larval and Adult mosquito control efforts in the City have ended for the 2017 season.