

Arboviral Surveillance Report

September 25, 2017

Surveillance

This report provides data on week 38 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.

Mosquitoes (data from 80 traps)

Week 38 (09/17/17 – 09/23/17)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	379
Number of Pools Tested	77
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)	2,347
Number of Female <i>Culex</i> Trapped and Tested	13,397
Number of Pools Tested	1,468
Number of Pools Positive	175
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, West Town.

Dead Birds: To date, 12 dead birds have been collected: 1 was positive, 8 were negative, and 3 were unable to be tested.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 136 females and 45 males.

Humans: 5 cases reported.

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

Surveillance crews continue to monitor catch basins to assess the level of larvicide efficacy.