

Arboviral Surveillance Report

August 7, 2017

Surveillance

This report provides data on week 31 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. Thirty-six (36) mosquito pools tested positive for WNV from 16 different community areas.

Mosquitoes (data from 82 traps)

Week 31 (07/30/17 – 08/05/17)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,603
Number of Pools Tested	123
Number of Pools Positive	36
Number of Community Areas with Positive Mosquito Pools	16
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,263
Number of Female <i>Culex</i> Trapped and Tested	7,245
Number of Pools Tested	773
Number of Pools Positive	83
Number of Community Areas with Positive Mosquito Pools	23

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

Dead Birds: To date, 11 dead birds have been collected; one was negative, two were unable to be tested, and test results for the remaining 8 are pending.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 41 females and 9 males

Humans: No cases reported

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is increasing. Residents are urged to take precautions against getting mosquito bites.

Larval and Adult Mosquito Control Efforts

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