

Arboviral Surveillance Report

August 21, 2019

Surveillance

This report provides data on week 33 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have placed gravid and BG sentinel traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. There are twenty (20) pools of mosquitoes that tested positive for WNV during this reporting period.

Mosquitoes (data from 81 traps)

Week 33 (08/11/19 – 08/17/19)	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	2,061
Number of Pools Tested	157
Number of Pools Positive	20
Number of Community Areas with Positive Mosquito Pools	12
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,609
Number of Female <i>Culex</i> Trapped and Tested	14,908
Number of Pools Tested	1,510
Number of Pools Positive	35
Number of Community Areas with Positive Mosquito Pools	18

Community Areas with Positive Mosquito Pools (Cumulative): Austin, Archer Heights, Austin, Avalon Park, Avondale, Clearing, Dunning, East Garfield Park, Edison Park, Englewood, Greater Grand Crossing, Lincoln Square, New City, Norwood Park, O'Hare, South Chicago, South Lawndale, Washington Heights

Dead Birds: To date, 3 dead birds have been collected; test results for all three have been negative

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 107 females and 22 males

Humans: 1

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins throughout the City for the presence of mosquito larvae. There is a planned ground ULV adulticide application scheduled for Wednesday, August 21, in the Englewood community in response to the detection of WNV in the area.