

# Arboviral Surveillance Report

## August 23<sup>rd</sup>, 2021

### Surveillance

This report provides data on Week 33 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid and BG Sentinel traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were forty-two (42) WNV-positive mosquito pools from twenty-three (23) trap locations.

### Mosquitoes (data from 81 traps)

<b>Week 33 (8/16/21 – 8/20/21)</b>	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	2655
Number of Pools Tested	110
Number of Pools Positive	42
Number of Community Areas with Positive Mosquito Pools	15
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	1594
Number of Female <i>Culex</i> Trapped and Tested	23,231
Number of Pools Tested	1186
Number of Pools Positive	135
Number of Community Areas with Positive Mosquito Pools	31

### Community Areas with Positive Mosquito Pools (cumulative):

O'Hare, Beverly, Chicago Lawn, Englewood, Austin, Norwood Park, Edison Park, East Garfield Park, South Lawndale, Lincoln Park, South Shore, Greater Grand Crossing, North Lawndale, Roseland, Chatham, Hegewisch, Portage Park, Forest Glen, Dunning, Irving Park, Uptown, Lincoln Square, Avondale, Belmont Cragin, West Town, Near West Side, Clearing, West Pullman, South Deering, Humboldt Park and Washington Heights.

**Dead Birds:** 1 – Negative

***Aedes albopictus* (cumulative):** 412 females and 97 males

**Humans:** 0

## Risk Assessment

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

## Larval and Adult Mosquito Control Efforts

Truck mounted ULV applications are scheduled for Wednesday in Chicago. Impacted community areas include: Albany Park, Lincoln Square, Irving Park and North Center.