

# Arboviral Surveillance Report

## August 16<sup>th</sup>, 2021

### Surveillance

This report provides data on Week 32 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-three (43) WNV-positive mosquito pools from twenty-eight (28) trap locations.

### Mosquitoes (data from 81 traps)

<b>Week 32 (8/9/21 – 8/13/21)</b>	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	3045
Number of Pools Tested	112
Number of Pools Positive	43
Number of Community Areas with Positive Mosquito Pools	19
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	1440
Number of Female <i>Culex</i> Trapped and Tested	20,576
Number of Pools Tested	1076
Number of Pools Positive	93
Number of Community Areas with Positive Mosquito Pools	29

### 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 and South Deering.

**Dead Birds:** 1 – Negative

***Aedes albopictus* (cumulative):** 273 females and 60 males

**Humans:** 0

## Risk Assessment

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

## Larval and Adult Mosquito Control Efforts

Crews continue to assess the need for additional larval control as dictated by the summer long surveillance activities. They will focus on areas where elevated WNV has been detected. At this time no truck mounted ULV adulticide applications are warranted.