

# Arboviral Surveillance Report

## August 18<sup>th</sup>, 2020

### 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 six (6) WNV positive mosquito pools from four (4) traps within the City.

### Mosquitoes (data from 82 traps)

<b>Week 33 (8/10/20 – 8/16/20)</b>	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	2270
Number of Pools Tested	136
Number of Pools Positive	18
Number of Community Areas with Positive Mosquito Pools	11
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	1537
Number of Female <i>Culex</i> Trapped and Tested	13,720
Number of Pools Tested	1188
Number of Pools Positive	42
Number of Community Areas with Positive Mosquito Pools	21

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

East Garfield Park, O'Hare, Dunning, Riverdale, Austin, South Lawndale, Archer Heights, Garfield Ridge, Englewood, New City, Greater Grand Crossing, Chatham, South Deering, Belmont Cragin, West Town, Portage Park, Forest Glen, Edison park, North Park, Avondale and Lakeview.

**Dead Birds:** 2-1 negative for WNV and 1 unable to test.

***Aedes albopictus* (cumulative):** 419 females and 102 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

Surveillance crews continue to monitor basins throughout the summer to assess the level of control.