

# Arboviral Surveillance Report

August 27, 2018

## Surveillance

This report provides data on week 34 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. Eighteen (18) mosquito pools tested positive for WNV within our collections in Chicago.

### Mosquitoes (data from 81 traps)

|   |        |
|---|--------|
| <b>Week 34 (08/19/18 – 08/25/18)</b>                          |        |
| Total Collections (Number of Traps X Frequency of Collection) | 154    |
| Number of Female <i>Culex</i> Trapped and Tested              | 460    |
| Number of Pools Tested  | 102    |
| Number of Pools Positive                                      | 18     |
| Number of Community Areas with Positive Mosquito Pools        | 8      |
| <b>Cumulative Totals</b>                                      |        |
| Total Collections (Number of Traps X Frequency of Collection) | 1,764  |
| Number of Female <i>Culex</i> Trapped and Tested              | 15,522 |
| Number of Pools Tested  | 1,339  |
| Number of Pools Positive                                      | 197    |
| Number of Community Areas with Positive Mosquito Pools        | 33     |

**Community Areas with Positive Mosquito Pools (cumulative):** Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Beverly, Chatham, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edgewater, Edison Park, Englewood, Forest Glen, Gage Park, Hegewisch, Lake View, Lincoln Park, Lincoln Square, New City, North Park, Norwood Park, O'Hare, Portage Park, Riverdale, South Chicago, South Deering, South Lawndale, Washington Heights, West Lawn, West Pullman, West Town

**Dead Birds:** To date, 7 dead birds have been collected; 2 were positive, 3 were negative, and 2 were unable to be tested.

***Aedes albopictus* (cumulative):** 301 females and 148 males

**Humans:** 5

## Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is high. Residents are urged to take personal protective measures against getting mosquito bites.

## Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins for the remainder of the summer to assess the level of control. There are no scheduled spray events for this week.