

# Arboviral Surveillance Report

## September 5, 2017

### Surveillance

This report provides data on week 35 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have successfully placed gravid traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Seven (7) mosquito pools tested positive for WNV from 6 different community areas.

### Mosquitoes (data from 82 traps)

<b>Week 35 (08/27/17 – 09/02/17)</b>	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	759
Number of Pools Tested	94
Number of Pools Positive	7
Number of Community Areas with Positive Mosquito Pools	6
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	1,887
Number of Female <i>Culex</i> Trapped and Tested	11,857
Number of Pools Tested	1,214
Number of Pools Positive	167
Number of Community Areas with Positive Mosquito Pools	26

**Community Areas with Positive Mosquito Pools (Cumulative):** Archer Heights, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chatham, Chicago Lawn, Dunning, East Garfield Park, Edison Park, Forest Glen, Gage Park, Greater Grand Crossing, Hegewisch, Lincoln Park, Lincoln Square, New City, O'Hare, Pullman, Riverdale, South Deering, South Lawndale, Washington Heights, West Pullman, West Town.

**Dead Birds:** To date, 12 dead birds have been collected: 1 was positive, 8 were negative, and 3 were unable to be tested.

**BG Sentinel Trap Data (Cumulative):** *Aedes albopictus* – 111 females and 43 males.

**Humans:** 3 cases reported.

### Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is moderate. Residents are urged to take standard precautions against getting mosquito bites.

### Larval and Adult Mosquito Control Efforts

Surveillance crews continue to survey for and monitor efficacy of prior larvicide efforts.