

Arboviral Surveillance Report

September 4, 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 81 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. Seven (7) mosquito pools tested positive for WNV within our collections in Chicago.

Mosquitoes (data from 81 traps)

Week 35 (08/26/18 – 09/01/18)	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	468
Number of Pools Tested	94
Number of Pools Positive	7
Number of Community Areas with Positive Mosquito Pools	6
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,918
Number of Female <i>Culex</i> Trapped and Tested	15,990
Number of Pools Tested	1,433
Number of Pools Positive	204
Number of Community Areas with Positive Mosquito Pools	34

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, Irving Park, 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):** 400 females and 172 males

Humans: 11 cases

Risk Assessment

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