

Arboviral Surveillance Report

August 21, 2017

Surveillance

This report provides data on week 33 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. Thirty-four (34) mosquito pools tested positive for WNV from 9 different community areas

Mosquitoes (data from 82 traps)

Week 33 (08/13/17 – 08/19/17)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,703
Number of Pools Tested	120
Number of Pools Positive	34
Number of Community Areas with Positive Mosquito Pools	9
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,575
Number of Female <i>Culex</i> Trapped and Tested	10,000
Number of Pools Tested	1,018
Number of Pools Positive	137
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, and West Town.

Dead Birds: To date, 12 dead birds have been collected: 1 was positive, 6 were negative, 3 were unable to be tested, and test results for the remaining 2 are pending.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 74 females and 23 males.

Humans: 1 case reported.

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

Surveillance crews continue to monitor catch basins to assess the level of larvicide efficacy.