Arboviral Surveillance Report
August 14, 2017

Surveillance

This report provides data on week 32 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. Twenty (20) mosquito pools tested positive for WNV from 10 different community areas.

Mosquitoes (data from 82 traps)

Week 32 (08/06/17 – 08/12/17)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female *Culex* Trapped and Tested	1,052
Number of Pools Tested	125
Number of Pools Positive	20
Number of Community Areas with Positive Mosquito Pools	10
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,419
Number of Female *Culex* Trapped and Tested	8,297
Number of Pools Tested	898
Number of Pools Positive	103
Number of Community Areas with Positive Mosquito Pools	25

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 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: 6 were negative, 3 were unable to be tested, and test results for the remaining 3 are pending.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 56 females and 20 males.

Humans: No cases 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.