

Arboviral Surveillance Report

September 24, 2018

Surveillance

This report provides data on week 38 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. 81 gravid and BG sentinel traps were placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. Four (4) mosquito pools tested positive for WNV within our collections in Chicago.

Mosquitoes (data from 81 traps)

Week 38 (09/16/18 – 09/22/18)	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	739
Number of Pools Tested	92
Number of Pools Positive	4
Number of Community Areas with Positive Mosquito Pools	1
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,307
Number of Female <i>Culex</i> Trapped and Tested	17,601
Number of Pools Tested	1,665
Number of Pools Positive	212
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):** 1,194 females and 642 males

Humans: 36 cases

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

There are no scheduled adulticide applications for the upcoming week.