

Arboviral Surveillance Report

September 9, 2019

Surveillance

This report provides data on week 36 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have placed 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. There are fifteen (15) pools of mosquitoes that tested positive for WNV during this reporting period.

Mosquitoes (data from 81 traps)

Week 36 (09/01/19 – 09/07/19)	
Total Collections (Number of Traps X Frequency of Collection)	81
Number of Female <i>Culex</i> Trapped and Tested	859
Number of Pools Tested	110
Number of Pools Positive	15
Number of Community Areas with Positive Mosquito Pools	15
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,998
Number of Female <i>Culex</i> Trapped and Tested	19,665
Number of Pools Tested	1,904
Number of Pools Positive	113
Number of Community Areas with Positive Mosquito Pools	32

Community Areas with Positive Mosquito Pools (cumulative): Austin, Archer Heights, Ashburn, Avalon Park, Avondale, Belmont Cragin, Beverly, Clearing, Dunning, East Garfield Park, Edison Park, Englewood, Forest Glen, Garfield Ridge, Greater Grand Crossing, Hegewisch, Humboldt Park, Lincoln Square, New City, North Lawndale, North Park, Norwood Park, O'Hare, Portage Park, Roseland, South Chicago, South Deering, South Lawndale, Washington Heights, West Lawn, West Town, Woodlawn

Dead Birds: To date, 4 dead birds have been collected; 1 tested positive for WNV and the remaining 3 were negative.

***Aedes albopictus* (cumulative):** 254 females and 84 males

Humans: 1

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

There is a planned ground ULV adulticide application scheduled for Tuesday, September 10th, in the Dunning community area in response to the detection of WNV in the area.