



ARBOVIRAL SURVEILLANCE REPORT

July 24, 2023

SURVEILLANCE

This report provides data on Week 29 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were fifteen (15) WNV positive mosquito pools.

Mosquitoes (data from 77 traps)

Total Collections (Number of Traps X Frequency of Collection)	140
Number of Female Culex Trapped and Tested	2317
Number of Pools Tested	83
Number of Pools Positive	15
Number of Community Areas with Positive Mosquito Pools	9

Total Collections (Number of Traps X Frequency of Collection)	858
Number of Female Culex Trapped and Tested	7545
Number of Pools Tested	476
Number of Pools Positive	31
Number of Community Areas with Positive Mosquito Pools	14

Community Areas with Positive Mosquito Pools:

Belmont Cragin, O'Hare, Edison Park, Lincoln Square, South Lawndale, Arche

Community Areas with Positive Mosquito Pools (cumulative for 2023):

Archer Heights, O'Hare, South Deering, Lincoln Park, Near South Side, New City, South Shore, Austin, Belmont Cragin, Edison Park, South Lawndale, Garfield Ridge, Auburn Gresham, Beverly.

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

Crews will continue to monitor the basins and assess the level of efficacy of the larvicide treatments.

Dead Birds: 0

Number of Aedes albopictus Trapped: Number 55 females and 22 male

Number of Aedes albopictus (cumulative for 2023): 100 females and 72 males