



ARBOVIRAL SURVEILLANCE REPORT

July 8, 2024

SURVEILLANCE

This report provides data on Week 27 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 ten (10) WNV positive mosquito pools.

Mosquitoes Data from 79 Traps

Week 27 (7/1/24 - 7/8/24)

Total Collections (Number of Traps X Frequency of Collection)	146
Number of Female Culex Trapped and Tested	1136
Number of Pools Tested	74
Number of Pools Positive	10
Number of Community Areas with Positive Mosquito Pools	10

Cumulative Totals

Total Collections (Number of Traps X Frequency of Collection)	745
Number of Female Culex Trapped and Tested	4920
Number of Pools Tested	355
Number of Pools Positive	16
Number of Community Areas with Positive Mosquito Pools	14

Community Areas with Positive Mosquito Pools:

Norwood Park, North Lawndale, Garfield Ridge, South Shore, Greater Grand Crossing, New City, Beverly, South Deering, Hegewisch, O'Hare.

Community Areas with Positive Mosquito Pools (cumulative for 2024):

Greater Grand Crossing, Roseland, West Pullman, Dunning, Clearing, New City, Beverly, South Deering, Hegewisch, O'Hare, Norwood Park, North Lawndale, Garfield Ridge, South Shore

Dead Birds: 2 negative 3 pending

Number of Aedes albopictus Trapped: 58 Female & 20 Male

Number of Aedes albopictus (cumulative for 2024) 242 Female & 54 Male

Risk Assessment

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

Human Data

No human cases.

Larval and Adult Mosquito Control Efforts

The City has completed treating catch basins in community areas for larval activity. 80,000 catch basins have been treated in the public way.