



ARBOVIRAL SURVEILLANCE REPORT

July 15, 2024

SURVEILLANCE

This report provides data on Week 28 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 eleven (11) WNV positive mosquito pools.

Mosquitoes Data from 79 Traps

Week 28 (7/8/24 - 7/15/24)

Total Collections (Number of Traps X Frequency of Collection)	149
Number of Female Culex Trapped and Tested	1317
Number of Pools Tested	74
Number of Pools Positive	11
Number of Community Areas with Positive Mosquito Pools	10

Cumulative Totals

Total Collections (Number of Traps X Frequency of Collection)	894
Number of Female Culex Trapped and Tested	6237
Number of Pools Tested	429
Number of Pools Positive	27
Number of Community Areas with Positive Mosquito Pools	21

Community Areas with Positive Mosquito Pools:

Portage Park, O'Hare, Edison Park, West Lawn, Englewood, Auburn Gresham, Avalon Park, West Pullman, Roseland, Chatham.

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, Portage park, Edison Park, West Lawn, Englewood, Auburn Gresham, Avalon Park, Chatham.

Dead Birds: 4 negative 1 pending

Number of Aedes albopictus Trapped: 117 Female & 39 Male

Number of Aedes albopictus (cumulative for 2024) 359 Female & 93 Male

Risk Assessment

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

Human Data

No human cases.

Larval and Adult Mosquito Control Efforts

Crews will continue to monitor basins for the remainder of the season. To date, 180 basins have been sampled.