



ARBOVIRAL SURVEILLANCE REPORT

August 5, 2024

SURVEILLANCE

This report provides data on Week 31 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 Thirty-six (36) WNV positive mosquito pools.

Mosquitoes Data from 79 Traps

Week 31 (7/29/24 - 8/5/24)

Total Collections (Number of Traps X Frequency of Collection)	151
Number of Female Culex Trapped and Tested	2728
Number of Pools Tested	88
Number of Pools Positive	36
Number of Community Areas with Positive Mosquito Pools	23

Cumulative Totals

Total Collections (Number of Traps X Frequency of Collection)	1347
Number of Female Culex Trapped and Tested	11303
Number of Pools Tested	658
Number of Pools Positive	101
Number of Community Areas with Positive Mosquito Pools	42

Community Areas with Positive Mosquito Pools:

Portage Park, Forest Glen, O'Hare, North Park, Avondale, Lincoln Square, Belmont Cragin, West Town, Humboldt Park, Austin, South Lawndale, Near West Side, Garfield Redge, Englewood, Auburn Gresham, Woodlawn, New City, Avalon Park, Beverly, Chatham, Pullman, South Deering, Hegewisch.

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, Forest Glen, Lincoln Square, Belmont Cragin, Lincoln Park, Gage Park, Ashburn, Woodlawn, Washington Heights, South Chicago, Irving Park, Riverdale, North Park, Avondale, West Town, Humboldt Park, Austin, South Lawndale, Near Westside, Garfield Ridge, Auburn Gresham, Pullman.

Dead Birds: 4 negative 5 pending

Number of Aedes albopictus Trapped: 459 Female & 43 Male

Number of Aedes albopictus (cumulative for 2024) 1357 Female & 242 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 continue to monitor basins for larval activity. There are no adulticide (spray) applications planned for the week of August 5th.