



ARBOVIRAL SURVEILLANCE REPORT

October 8 , 2024

SURVEILLANCE

This report provides data on Week 40 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 was one (1) WNV positive mosquito pool.

Mosquitoes Data from 79 Traps

Week 40 (9/30/24 - 10/7/24)

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| Total Collections (Number of Traps X Frequency of Collection) | 151 |
| Number of Female Culex Trapped and Tested | 174 |
| Number of Pools Tested | 41 |
| Number of Pools Positive | 1 |
| Number of Community Areas with Positive Mosquito Pools | 1 |

Cumulative Totals

| | |
|--|-------|
| Total Collections (Number of Traps X Frequency of Collection) | 2697 |
| Number of Female Culex Trapped and Tested | 19471 |
| Number of Pools Tested | 1235 |
| Number of Pools Positive | 204 |
| Number of Community Areas with Positive Mosquito Pools | 44 |

Community Areas with Positive Mosquito Pools:

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, 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, Pullman, Archer Hieghts, Norwood Park, Edgewater.

Dead Birds: 4 Negative 1 No Test

Number of Aedes albopictus Trapped: 93 Female & 17 Male

Number of Aedes albopictus (cumulative for 2024) 4820 Female & 1198 Male

Risk Assessment

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

Human Data

There are 10 human cases of WNV.

Larval and Adult Mosquito Control Efforts

All larval and adult control efforts have ceased for the remainder of the year.