



# ARBOVIRAL SURVEILLANCE REPORT

September 3, 2024

## SURVEILLANCE

This report provides data on Week 35 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 seven (7) WNV positive mosquito pools.

### Mosquitoes Data from 79 Traps

#### Week 35 (8/26/24 - 9/2/24)

<b>Total Collections (Number of Traps X Frequency of Collection)</b>	151
<b>Number of Female Culex Trapped and Tested</b>	893
<b>Number of Pools Tested</b>	69
<b>Number of Pools Positive</b>	7
<b>Number of Community Areas with Positive Mosquito Pools</b>	7

#### Cumulative Totals

<b>Total Collections (Number of Traps X Frequency of Collection)</b>	1942
<b>Number of Female Culex Trapped and Tested</b>	16729
<b>Number of Pools Tested</b>	949
<b>Number of Pools Positive</b>	190
<b>Number of Community Areas with Positive Mosquito Pools</b>	44

#### Community Areas with Positive Mosquito Pools:

Dunning, O'Hare, Lincoln Square, Lincoln Park, Clearing, Auburn Gresham, Beverly.

#### 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:** 625 Female & 185 Male

**Number of Aedes albopictus (cumulative for 2024)** 3015 Female & 627 Male

#### Risk Assessment

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

#### Human Data

Four human cases.

#### Larval and Adult Mosquito Control Efforts

There is no planned adulticide (spray) applications for the week of September 2nd.