



# ARBOVIRAL SURVEILLANCE REPORT

August 20 , 2024

## SURVEILLANCE

This report provides data on Week 33 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-eight (38) WNV positive mosquito pools.

### Mosquitoes Data from 79 Traps

#### Week 33 (8/12/24 - 8/19/24)

<b>Total Collections (Number of Traps X Frequency of Collection)</b>	151
<b>Number of Female Culex Trapped and Tested</b>	1835
<b>Number of Pools Tested</b>	80
<b>Number of Pools Positive</b>	38
<b>Number of Community Areas with Positive Mosquito Pools</b>	24

#### Cumulative Totals

<b>Total Collections (Number of Traps X Frequency of Collection)</b>	1640
<b>Number of Female Culex Trapped and Tested</b>	15069
<b>Number of Pools Tested</b>	811
<b>Number of Pools Positive</b>	178
<b>Number of Community Areas with Positive Mosquito Pools</b>	44

#### Community Areas with Positive Mosquito Pools:

Dunning, Portage Park, Forest Glen, O'Hare, Belmont Cragin, North Park, Lincoln Square, Austin, West Town, North Lawndale, Lincoln Park, Garfield Ridge, Greater Grand Crossing, Avalon Park, Beverly, South Chicago, South Deering, Clearing, Hegewisch, Chatham, Irving Park, Edgewater, Edison Park, Woodlawn.

#### 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 6 pending

**Number of Aedes albopictus Trapped:** 416 Female & 92 Male

**Number of Aedes albopictus (cumulative for 2024)** 2079 Female & 385 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.