



ARBOVIRAL SURVEILLANCE REPORT

July 22, 2024

SURVEILLANCE

This report provides data on Week 29 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 twenty (20) WNV positive mosquito pools.

Mosquitoes Data from 79 Traps

Week 29 (7/15/24 - 7/22/24)

Total Collections (Number of Traps X Frequency of Collection)	151
Number of Female Culex Trapped and Tested	1351
Number of Pools Tested	71
Number of Pools Positive	20
Number of Community Areas with Positive Mosquito Pools	17

Cumulative Totals

Total Collections (Number of Traps X Frequency of Collection)	1045
Number of Female Culex Trapped and Tested	7588
Number of Pools Tested	500
Number of Pools Positive	44
Number of Community Areas with Positive Mosquito Pools	30

Community Areas with Positive Mosquito Pools:

Dunning, Forest Glen, Norwood Park, Lincoln Square, Belmont Cragin, Lincoln Park, Gage Park, Ashburn, West Lawn, Greater Grand Crossing, Avalon Park, New City, Woodlawn, West Pullman, Washington Heights, Chatham, South Chicago.

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.

Dead Birds: 4 negative 3 pending

Number of Aedes albopictus Trapped: 280 Female & 33 Male

Number of Aedes albopictus (cumulative for 2024) 639 Female & 126 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

There are no planned adulticide (spray) applications for the week of July 22. Catch basins will be sampled weekly to assess the level of control of the larvicide.