



ARBOVIRAL SURVEILLANCE REPORT

July 31, 2023

SURVEILLANCE

This report provides data on Week 30 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-eight (28) WNV positive mosquito pools.

Mosquitoes (data from 74 traps)

Week 30 (7/25/23 - 7/31/23)

Total Collections (Number of Traps X Frequency of Collection)	141
Number of Female Culex Trapped and Tested	2915
Number of Pools Tested	98
Number of Pools Positive	28
Number of Community Areas with Positive Mosquito Pools	14

Cumulative

Total Collections (Number of Traps X Frequency of Collection)	999
Number of Female Culex Trapped and Tested	10458
Number of Pools Tested	574
Number of Pools Positive	59
Number of Community Areas with Positive Mosquito Pools	22

Community Areas with Positive Mosquito Pools:

Forest Glen, Lincoln Square, Edgewater, Belmont Cragin, East Garfield Park, West Town, Austin, Archer Heights, Clearing, New City, South Shore, Greater Grand Crossing, Avalon Park, O'Hare

Community Areas with Positive Mosquito Pools (cumulative for 2023):

Archer Heights, O'Hare, South Deering, Lincoln Park, Near South Side, New City, South Shore, Austin, Belmont Cragin, Edison Park, South Lawndale, Garfield Ridge, Auburn Gresham, Beverly, Forest Glen, Lincoln Square, Edgewater, East Garfield Park, West Town, Clearing, Greater Grand Crossing, Avalon Park

Dead Birds: 2

Number of *Aedes albopictus*: 116 females and 68 males

Number of *Aedes albopictus* (cumulative for 2023): 616 females and 140 males

Risk Assessment

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

Larval and Adult Mosquito Control Efforts

Crews will continue to monitor the basins and assess the level of efficacy of the larvicide treatments.