

Arboviral Surveillance Report

August 15, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 84 traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts and positive WNV results remain elevated; indicating the risk for WNV is continues to increase.

Mosquitoes (data from 84 traps)

Week 32 (08/07/16 – 08/13/16)	
Total Collections (Number of Traps X Frequency of Collection)	159
Number of Female <i>Culex</i> Trapped and Tested	3,729
Number of Pools Tested	157
Number of Pools Positive	84
Number of Community Areas with Positive Mosquito Pools	28
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,502
Number of Female <i>Culex</i> Trapped and Tested	21,358
Number of Pools Tested	1,068
Number of Pools Positive	282
Number of Community Areas with Positive Mosquito Pools	36

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edison Park, Englewood, Forest Glen, Gage Park, Greater Grand Crossing, Humboldt Park, Irving Park, Lake View, Lincoln Park, Lincoln Square, Near West Side, New City, North Park, Norwood Park, O'Hare, Riverdale, Rogers Park, South Deering, South Lawndale, South Shore, Uptown, Washington Heights, West Lawn, West Pullman, West Town

Dead Birds: 2 – unable to test

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 237 females and 162 males

Humans: 0

Risk Assessment

The risk of human West Nile virus transmission in the City of Chicago is high.

Larval and Adult Mosquito Control Efforts

We continue to monitor catch basins in treated and non-treated areas. Truck ULV adulticiding will occur Tuesday, August 16th and Wednesday, August 17th in areas of the city with elevated risk.