

Arboviral Surveillance Report

August 23, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 82 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 remains high.

Mosquitoes (data from 82 traps)

Week 33 (08/14/16 – 08/20/16)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	3,701
Number of Pools Tested	180
Number of Pools Positive	72
Number of Community Areas with Positive Mosquito Pools	27
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,655
Number of Female <i>Culex</i> Trapped and Tested	25,059
Number of Pools Tested	1,248
Number of Pools Positive	354
Number of Community Areas with Positive Mosquito Pools	39

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edgewater, 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 Lawndale, North Park, Norwood Park, Ohare, Portage Park, 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* – 327 females and 180 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 on Wednesday, August 24th in areas of the city with elevated risk.