

Arboviral Surveillance Report



August 29, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 83 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 decreased by about two-thirds from the prior week (though the risk for WNV infection continues to remain high).

Mosquitoes (data from 83 traps)

Week 34 (08/21/16 – 08/27/16)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,323
Number of Pools Tested	129
Number of Pools Positive	25
Number of Community Areas with Positive Mosquito Pools	13
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,811
Number of Female <i>Culex</i> Trapped and Tested	26,382
Number of Pools Tested	1,377
Number of Pools Positive	379
Number of Community Areas with Positive Mosquito Pools	40

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, O'hare, Portage Park, Pullman, 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* – 566 females and 231 males

Humans: 1

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 Tuesday, August 30th in areas of the city with elevated risk.