

Arboviral Surveillance Report

October 4, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 79 traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts decreased by approximately 60% from the prior week and WNV positive results remained at the typical end-of-season low. The risk of WNV infection continues to decline.

Mosquitoes (data from 79 traps)

Week 39 (09/25/16 – 10/01/16)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	867
Number of Pools Tested	94
Number of Pools Positive	3
Number of Community Areas with Positive Mosquito Pools	3
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,574
Number of Female <i>Culex</i> Trapped and Tested	36,711
Number of Pools Tested	2,029
Number of Pools Positive	463
Number of Community Areas with Positive Mosquito Pools	43

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Armour Square, Ashburn, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chatham, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edgewater, Edison Park, Englewood, Forest Glen, Gage Park, Greater Grand Crossing, Hegewisch, 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 (Cumulative): 2 – unable to test 2-negative

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 3,430 females and 830 males

Humans (Cumulative): 30 cases and 1 fatality

Risk Assessment

The risk of human West Nile virus infection is low.

Larval and Adult Mosquito Control Efforts

The City has ceased larval and adult mosquito control activities for the year.