

Arboviral Surveillance Report

September 19, 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 and WNV positive results decreased by about 50% from the prior week. The risk of WNV infection is declining.

Mosquitoes (data from 79 traps)

Week 37 (09/11/16 – 09/17/16)	
Total Collections (Number of Traps X Frequency of Collection)	151
Number of Female <i>Culex</i> Trapped and Tested	1,690
Number of Pools Tested	125
Number of Pools Positive	12
Number of Community Areas with Positive Mosquito Pools	8
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,266
Number of Female <i>Culex</i> Trapped and Tested	33,724
Number of Pools Tested	1,811
Number of Pools Positive	457
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: 2 – unable to test

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 2,112 females and 599 males

Humans: 6

Risk Assessment

The risk of human West Nile virus infection is moderate.

Larval and Adult Mosquito Control Efforts

We continue to monitor catch basins in treated and non-treated areas.