

Arboviral Surveillance Report

September 12, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 81 traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts increased by about 60% from the prior week though WNV results remained about the same. The risk of WNV infection continues to remain high.

Mosquitoes (data from 81 traps)

Week 36 (09/04/16 – 09/10/16)	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	3,515
Number of Pools Tested	163
Number of Pools Positive	37
Number of Community Areas with Positive Mosquito Pools	20
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,115
Number of Female <i>Culex</i> Trapped and Tested	32,034
Number of Pools Tested	1,686
Number of Pools Positive	445
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* – 1,753 females and 566 males

Humans: 3

Risk Assessment

The risk of human West Nile virus infection remains high.

Larval and Adult Mosquito Control Efforts

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