

Arboviral Surveillance Report

August 13, 2018

Surveillance

This report provides data on week 32 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. 81 gravid and BG sentinel traps were placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. Thirty-one (31) mosquito pools tested positive for WNV within our collections in Chicago.

Mosquitoes (data from 81 traps)

Week 32 (08/05/18 – 08/11/18)	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	1,549
Number of Pools Tested	130
Number of Pools Positive	31
Number of Community Areas with Positive Mosquito Pools	18
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,456
Number of Female <i>Culex</i> Trapped and Tested	13,544
Number of Pools Tested	1,098
Number of Pools Positive	136
Number of Community Areas with Positive Mosquito Pools	28

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edison Park, Forest Glen, Gage Park, Hegewisch, Lake View, Lincoln Square, New City, Norwood Park, O'Hare, Portage Park, Riverdale, South Chicago, South Deering, South Lawndale, Washington Heights, West Lawn, West Pullman, West Town.

Dead Birds: To date, 7 dead birds have been collected; 2 were positive, 3 were negative, and 2 were unable to be tested.

***Aedes albopictus* (cumulative):** 105 females and 47 males

Humans: 0-Additional testing done by the CDC determined that the individual previously reported as positive had prior WNV infection, with no conclusive evidence of recent infection.

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is moderate.

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins for the remainder of the summer to assess the level of control. A truck ULV application is scheduled for Thursday night in Chicago Lawn community area.