

Arboviral Surveillance Report

June 13, 2018

Surveillance

This is the first report on arboviral surveillance in Chicago for 2018. This first report provides data on week 23 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid traps were placed throughout Chicago and monitored twice during this first week. During this first week of surveillance, two mosquito pools tested positive for WNV.

Mosquitoes (data from 77 traps)

Week 23 (06/03/18 – 06/09/18)	
Total Collections (Number of Traps X Frequency of Collection)	146
Number of Female <i>Culex</i> Trapped and Tested	1,127
Number of Pools Tested	103
Number of Pools Positive	2
Number of Community Areas with Positive Mosquito Pools	2
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	146
Number of Female <i>Culex</i> Trapped and Tested	1,127
Number of Pools Tested	103
Number of Pools Positive	2
Number of Community Areas with Positive Mosquito Pools	2

Community Areas with Positive Mosquito Pools (Cumulative): O'Hare, West Pullman

Dead Birds: To date, 1 dead bird has been collected. Test results for the sample are pending.

Human cases: 0

Risk Assessment

Although there is an early season indication of WNV, it is not uncommon to detect virus at a low level in early spring due to its ability to over winter in *Culex* females. The risk of human WNV infection in Chicago is low.

Larval and Adult Mosquito Control Efforts

The City of Chicago larvicide project began treatments on May 21. Over 35,000 catch basins in the public way were treated. This project will continue for the next few weeks.