

# Arboviral Surveillance Report

## July 5, 2016

### Surveillance

This report provides data on week 26 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have successfully placed Gravid and BG Sentinel traps throughout the City of Chicago. We continue to monitor them twice a week. One mosquito pool tested positive for WNV; however, there are no other indicators of WNV activity in Chicago.

### Mosquitoes (data from 81 traps)

|                                                               |      |
|---------------------------------------------------------------|------|
| <b>Week 26 (06/26/16 – 07/02/16)</b>                          |      |
| Total Collections (Number of Traps X Frequency of Collection) | 155  |
| Number of Female <i>Culex</i> Trapped and Tested              | 1019 |
| Number of Pools Tested                                        | 85   |
| Number of Pools Positive                                      | 1    |
| Number of Community Areas with Positive Mosquitoes Pools      | 1    |
| <b>Cumulative Totals</b>                                      |      |
| Total Collections (Number of Traps X Frequency of Collection) | 556  |
| Number of Female <i>Culex</i> Trapped and Tested              | 4583 |
| Number of Pools Tested                                        | 312  |
| Number of Pools Positive                                      | 1    |
| Number of Community Areas with Positive Mosquitoes Pools      | 1    |

**Community Areas with Positive Mosquito Pools (Cumulative):** Chicago Lawn

**Dead birds:** 2 results pending

**Humans:** 0

### Risk Assessment

As a result of the first West Nile virus positive pool, there is an increased risk human infection, particularly in the Community Area of Chicago Lawn.

### Larval and Adult Mosquito Control Efforts

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