

ARBOVIRAL SURVEILLANCE REPORT



September 20, 2023

SURVEILLANCE

This report provides data on Week 17 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid traps are placed throughout Kane County and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were no WNV positive mosquito pool.

Mosquitoes (data from 7 traps)

Week of September 11, 2023

Total Collections (Number of Traps X Frequency of Collection)	13
Number of Female Culex Trapped and Tested	10
Number of Pools Tested	1
Number of Pools Positive	1
Number of Community Areas with Positive Mosquito Pools	4*

Cumulative Total

Total Collections (Number of Traps X Frequency of Collection)	209
Number of Female Culex Trapped and Tested	2217
Number of Pools Tested	69
Number of Pools Positive	2
Number of Community Areas with Positive Mosquito Pools	4*

Community Areas with Positive Mosquito Pools This Week:

*Batavia (2), *Geneva, *St. Charles, IL

Community Areas with Positive Mosquito Pools (cumulative for 2023):

*Batavia, *Elgin, *Geneva, *St. Charles, IL

*In Batavia, Geneva, & St. Charles, the positive pools were identified by a private contractor.

Risk Assessment

The risk of human West Nile Virus infection in Kane County is **High**.

Larval and Adult Mosquito Control Efforts

Please check with your local municipality for their current mosquito abatement activities

Number of Positive Dead Birds: None

Number of Equine Cases: None

Number of Human Cases: 2 (Aurora & Geneva)

<https://kanehealth.com/Pages/West-Nile-Virus.aspx>