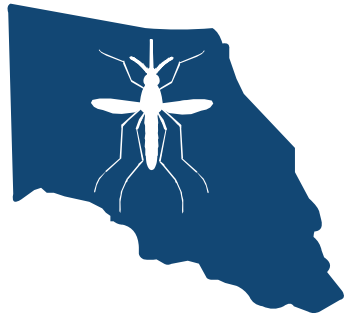




MOSQUITO ABATEMENT

ST. TAMMANY PARISH

JUNE

monthly report

St. Tammany Parish Mosquito Abatement



Letter from the Director



**Executive Director
Kevin Caillouet,
Ph.D., M.S.P.H.**

The risk of West Nile virus (WNV) to St. Tammany residents, as measured by infection rate in mosquitoes, is considerably higher than normal for this time of year. Twelve West Nile-infected mosquito pools were detected in June of this year and an additional 15 so far in July at the time of writing. During the same period last year only six infected pools of mosquitoes were detected.

In addition, the Louisiana Department of Health has reported two West Nile neuroinvasive disease cases in St. Tammany residents. Given the life-changing consequences of WNV in people and the elevated risk, we are urging all residents to take necessary precautions to protect themselves and their families against exposure to mosquitoes. These personal precautions include applying EPA-registered mosquito repellents according to the label guidelines and avoiding peak biting times. We encourage residents to dump or drain standing water near their houses or work and to check the working order of their aerated treatment units or septic systems as these promote WNV vector mosquitoes in ditches receiving septic effluent.

Continuous monitoring of mosquito populations and viruses in those mosquitoes across 130 locations is the primary trigger for mosquito control efforts in St. Tammany. Traps yielded 26,485 mosquitoes in June. Fortunately, our responsiveness to mosquito-transmitted pathogens is more timely than in years past and now leads the industry by providing same day detection and response due to our in-house laboratory processing of mosquito samples. What used to be a four-to-nine-day turnaround when our mosquitoes were tested for arboviruses at LSU now takes just six hours. This data led to the assignment of 166 ULV night truck treatment missions covering 105,103 acres and nine aerial treatment missions covering an additional 147,010 acres. Missions treating areas for adult mosquitoes are designed to immediately lower mosquito populations to lower the risk of West Nile infection by decreasing biting pressure on people and to decrease the number of WNV-infected mosquitoes present.

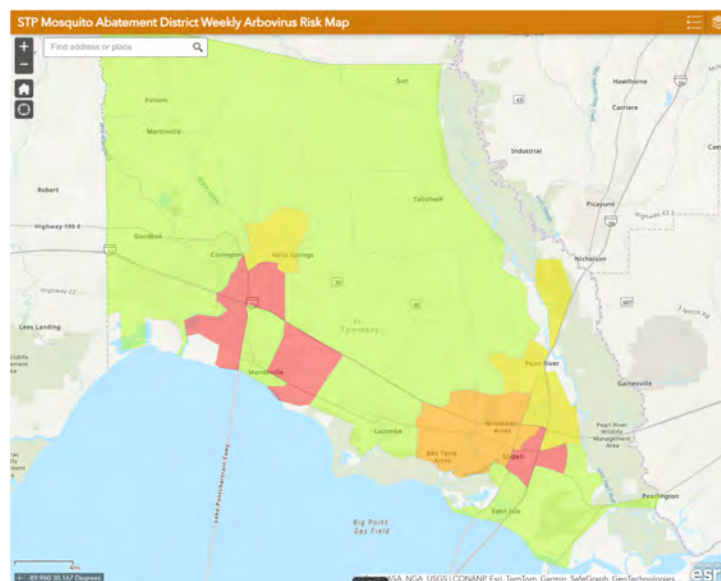
Please be "Mosquito Aware" as now is the time to protect yourself.

Yours in health,

Kevin A. Caillouet, Ph.D., M.S.P.H.
Director

Kevin A. Caillouet, Ph.D., M.S.P.H.
Director

**Arbovirus Risk Map
found on our website at
stpmad.org/arbovirusmap/**



Enjoy these photos from our Open House event held on June 21 during National Mosquito Control Awareness week!

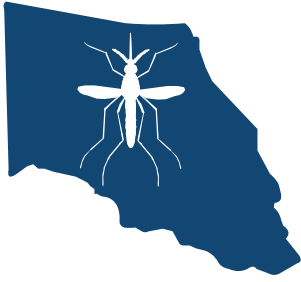


June Arbovirus Report

Twelve of the 528 pools tested (2%) were positive for West Nile virus (WNV). Adult mosquitoes are collected using No Light CO₂-baited CDC traps and tested in pools (or groups) via RT-PCR, here at STPMAD.

A total of 15,164 mosquitoes were collected and tested for WNV during June 2025 across St. Tammany Parish. Populations of *Culex salinarius*, a secondary WNV vector, accounted for 37.7% of mosquitoes submitted for virus testing. *Culex quinquefasciatus*, another secondary WNV vector, and second most abundant species comprised 34.2% of the mosquitoes collected and tested for WNV.

The Louisiana Department of Health has reported two cases of WNV Neuroinvasive Disease in St. Tammany Parish, this year to date.



MOSQUITO ABATEMENT

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