

North Shore Mosquito Abatement District

Weekly Report

Surveillance Results For: 06/18/2022 - 06/24/2022
 Week Number: 26

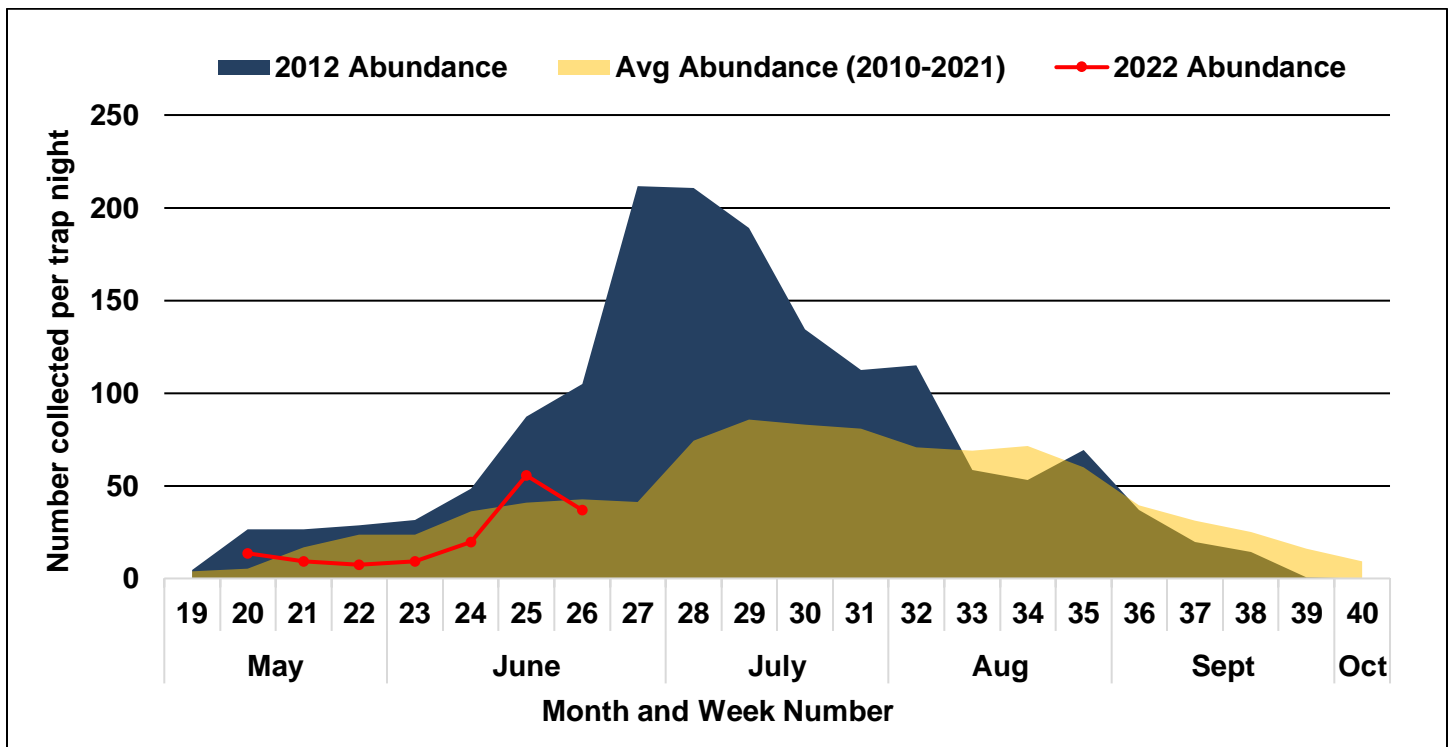
Date of Report: 06/29/2022

West Nile Virus Surveillance

WNV Risk Level: The risk of infection is low. Although the current risk is low, people are encouraged to take personal protection measures, most importantly, using an EPA registered [mosquito repellent](#). Additionally, wearing proper attire and **eliminating or draining items that can hold stagnant water will help to further reduce risk**. Please [contact the NSMAD for assistance](#) with large areas of standing water.

Municipality	Batches Tested This Week		Batches Tested Season Total	
	# WNV+	# Tested	# WNV+	# Tested
Evanston	0	27	0	114
Glencoe	0	7	0	22
Glenview/Golf	0	4	0	33
Kenilworth	0	4	0	27
Lincolnwood	0	5	0	26
Morton Grove	0	5	0	13
Niles	0	2	0	15
Northbrook	0	6	0	27
Northfield	0	2	0	12
Skokie	0	13	0	75
Wilmette	0	6	0	24
Winnetka	0	2	0	9
Total	0	83	0	397

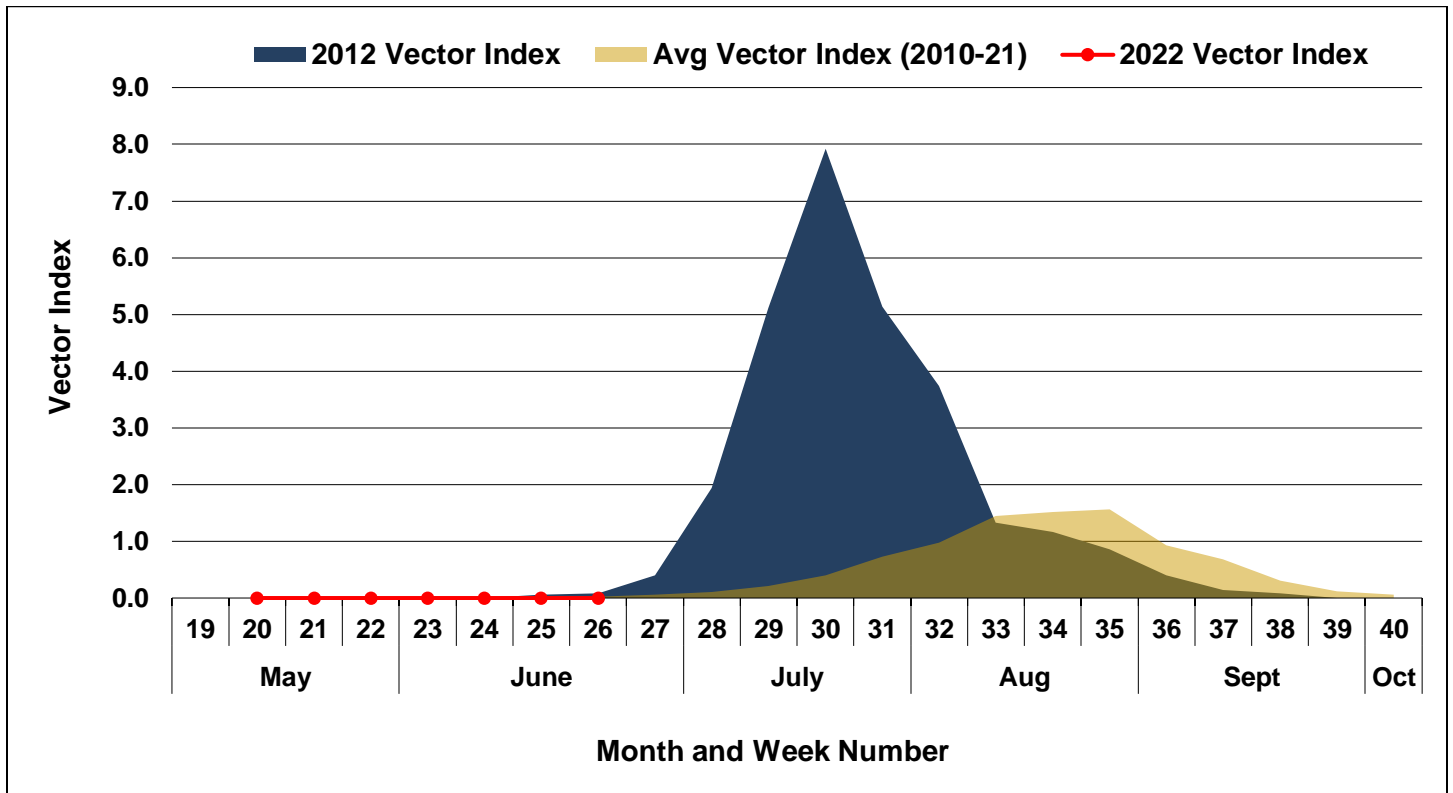
WNV Vector Abundance: There was a decrease in *Culex spp.* abundance during week 26. Hot and dry conditions drive *Culex* mosquitoes to any water source they can find. Draining or eliminating items that can hold stagnant water will have a significant impact on reducing WNV mosquito populations around your property and neighborhood.



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Vector Index: The Vector Index (VI) is a measure of the number of infected *Culex* spp. mosquitoes in the District and is directly related to risk of human infection. Abundance and infection rate are used to calculate the Vector Index. We track the weekly Vector Index relative to prior epidemic and non-epidemic years shown in the graph below. **The NSMAD considers a VI of 0.00-1.00 low risk, a VI of 1.01-3.0 moderate risk, and a VI of 3.01 or greater to be high risk.**

The vector index for week 26 was 0.00. The risk of infection is low.



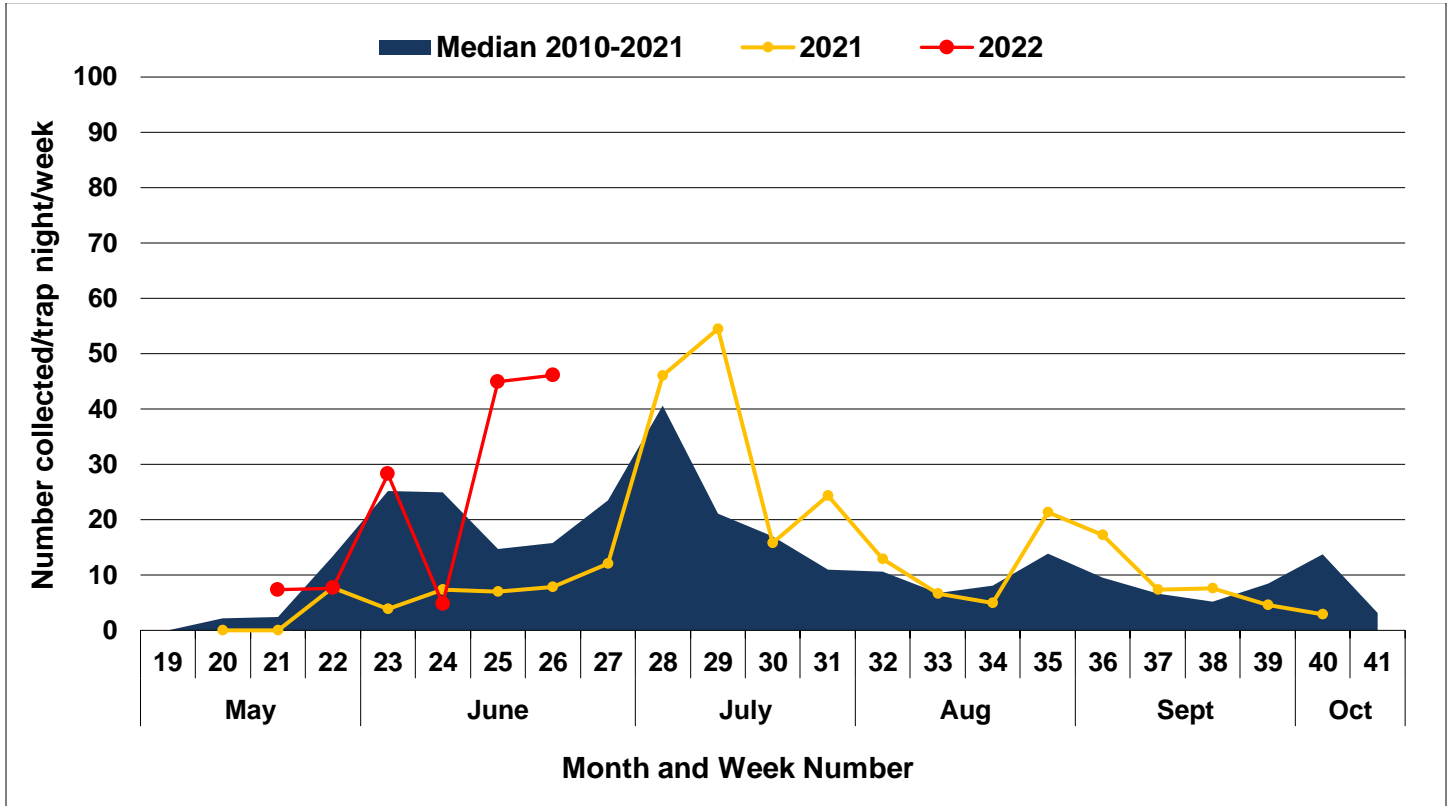
Vector Index during most recent outbreak year (2012), average of non-outbreak years 2010-2021 and current year 2022.
 Vector Index = estimate of the number of WNV-infected *Culex pipiens* collected per trap, per day.

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Nuisance Mosquito Surveillance

Surveillance Data: Average nuisance mosquito numbers remained steady into week 26. Residents are urged to dump and drain items that hold water and/or [contact the NSMAD for additional support](#).

New Jersey Light Trap Collections



Control Operations

For the most current treatment data, [click here](#) to visit our Real Time Treatment Activity app on our website.

Activity	Number
Resident Service Requests	95
Larval Control Treatments (Non-Catch Basin)	1,316
Resident Biting Mosquito Complaints	8
Site Inspections	1,729
Tires Collected	95
Storm Water Catch Basins Treated	33,451

Larval Control and Source Reduction

Municipalities, please let us know if/when there is any scheduled or emergency catch basin cleaning within your community.

Our larval control operations are focused on domestic and commercial properties, as well as, neighborhood inspections and treatments. Additional inspections and any required treatments for community 4th of July festivities are currently taking place.

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Adult Mosquito Control Operations

There were no adult mosquito control operations during week 26.

Public Information

If you're interested in having the NSMAD public information booth appear at your event, please contact Dave Zazra (dzazra@nsmad.com) to learn more.

Please inspect your property for items that may contain stagnant water. If it can hold water, it can breed mosquitoes.

Prior to hiring a private mosquito control company, residents are encouraged to [contact us](#) first. One of our Field Technicians will perform a free inspection and treat any water with the appropriate larval control product, as well as, provide additional info regarding your particular mosquito issues.

Got Tires? Want to dispose of them properly? [Click here to learn how the NSMAD can help.](#)

Human Surveillance

Human West Nile virus case information can be found on the [Illinois Department of Public Health](#) website.

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