



SAFETY GUIDE

Mosquito-borne Diseases

Amid a rise in the number of cases across America, the [Center for Disease Control and Prevention](#) has issued a warning about the mosquito borne disease, West Nile Virus

Mosquitoes are flying insects that feed on human and animal blood. While the bite of a mosquito typically results in an itchy welt, mosquitoes can occasionally transmit diseases, including West Nile virus (WNV), Eastern Equine Encephalitis (EEE), Chikungunya Virus (CHIKV), Dengue Virus (DENV), Zika Virus (ZIKV) and malaria. WNV is the leading cause of mosquito-borne disease in the continental United States, including Suffolk County, NY. EEE is a rare mosquito-borne illness in humans, and only a few cases are reported in the United States each year. EEE has sporadically been identified in our area in previous years.

Protect Yourself and Others



Use insect repellents that are registered with the Environmental Protection Agency (EPA)



Wear long-sleeved shirts and long pants. Treat your clothing and gear with permethrin or buy pre-treated items.



Use mosquito netting on beds, baby carriers, strollers, or cribs, when necessary and as appropriate.



Use screens on windows and doors. Empty standing water from containers outdoors.



Use mosquito larvicides and adulticides when necessary, and only as directed.



Do your homework before you travel to learn about mosquitoes in the area you are visiting.



Get the latest information about mosquito viruses and where they originate. [Click Here](#)

ENVIRONMENTAL HEALTH ADVISORY

Mosquito Sample Tests Positive for West Nile Virus

Suffolk County reported that mosquito samples have tested positive for West Nile virus. Most people infected with West Nile virus will experience mild or no symptoms, but some can develop severe symptoms (see below).

Increased Risk of Dengue Virus (DENV) in the United States

The NYS Department of Health has issued a Health Advisory about an increased risk of Dengue virus (DENV) when traveling to the Caribbean, Central and South America, Southeast Asia and the Pacific Islands.

This Safety Notice will be updated, as new information is available

Symptoms

Most people bitten by a mosquito do not develop any signs or symptoms. People with mild cases of mosquito-borne disease, including West Nile Virus, may develop fever, headache, body aches, joint pains, vomiting, diarrhea, or rash. In some rare cases, more serious illnesses affect the central nervous system such as encephalitis (inflammation of the brain) or meningitis (inflammation of the membranes that surround the brain and spinal cord).

For more information: [CDC Mosquitoes](#)

Travel or Health Questions?

Contact a health care provider if you feel sick after being bit by a mosquito, or have questions about traveling.



Stony Brook University Student Health Services (631) 632-6740.

Stony Brook Medicine, Preventive Medicine Travel Medicine and Adult Vaccination Program (631) 444-6250