

Mosquito-Borne and Other Insect-Borne Diseases

Vector-Borne Disease Surveillance Coordinator
Division of Disease Control and Health Protection (DCHP)
4052 Bald Cypress Way
Bin A-12
Tallahassee, Florida 32399-1720

[Mosquito-Borne Disease Prevention](#)
[Mosquito-Borne Disease Surveillance](#)
[Mosquito-Borne Disease Educational Materials](#)
Helpful Resources
[Florida Resident's Guide to Mosquito Control](#)
[Report a Dead Bird](#)



Mosquito-borne diseases are diseases that can be spread through the bite of mosquitoes. These diseases may be caused by a virus, also known as arboviruses, or can be caused by parasites. Several of the mosquito species found in Florida are capable of transmitting diseases to humans, horses, and other animals. Symptoms of these illnesses can range from mild to very severe.

Mosquito-borne diseases found in Florida include West Nile virus disease, Eastern equine encephalitis, and St. Louis encephalitis. Many other mosquito-borne diseases are found in different parts of the world, and can be brought back to Florida if infected people or animals are bitten by mosquitoes while in Florida. Some examples of these diseases include chikungunya fever, dengue fever, malaria, yellow fever, and Rift Valley fever.

Drain and Cover

- Drain standing water to stop mosquitoes from multiplying.
- Cover your skin with clothing and use mosquito repellent.
- Cover doors and windows with screens to keep mosquitoes out.

Stop mosquitoes from living and multiplying around your home or business. Protect yourself from mosquito's bites and the diseases they carry.

Whether you're staying at home or traveling abroad, preventing mosquito bites is the best way to reduce the risk of mosquito-borne disease. Mosquitoes can be found in many different environments

<http://www.floridahealth.gov/diseases-and-conditions/mosquito-borne-diseases/index.html>

and you may not always notice when you have been bitten. Mosquito activity in Florida can be year-round. The following are some steps that can be taken to help prevent mosquito bites.



DRAIN: water from garbage cans, house gutters, pool covers, coolers, toys, flower pots or any other containers where sprinkler or rain water has collected.

DISCARD: Old tires, drums, bottles, cans, pots and pans, broken appliances and other items that aren't being used.

EMPTY and CLEAN: Birdbaths and pet's water bowls at least once or twice a week.

PROTECT: Boats and vehicles from rain with tarps that don't accumulate water.



MAINTAIN: The water balance (pool chemistry) of swimming pools. Empty plastic swimming pools when not in use. Repair broken screens on windows, doors, porches, and patios.

CLOTHING: If you must be outside when mosquitoes are active, cover up. Wear shoes, socks, long pants, and long sleeves.



REPELLENT: Apply mosquito repellent to bare skin and clothing. Always use repellents according to the label. Repellents with DEET, picaridin, oil of lemon eucalyptus, para-menthane-diol, and IR3535 are effective. Use netting to protect children younger than 2 months.

<http://www.floridahealth.gov/diseases-and-conditions/mosquito-borne-diseases/index.html>

Mosquito-borne Disease Educational Materials

For Kids

[Mosquito Activity Book](#)

[Mosquito Activity Book - Leon County](#)

[Mosquito Control Coloring Book](#)

[Neato Mosquito: An Elementary Curriculum Guide](#)

Mosquito Control and County Health Department Print Materials

Human Arboviral Prevention

Drain and Cover Brochures: [English](#) - [Spanish](#) - [Creole](#) - [Portuguese](#) - [French](#) (Print version)

Drain and Cover Poster: [English](#) - [Spanish](#) - [Creole](#)

[Drain and Cover Wallet Card](#) (Print version)

[Prevent and Stop Mosquitoes Door Hanger](#) (Print version) NEW!

[Mosquito Prevention Poster](#) (Print version) NEW!

Mosquito Bite Protection in Florida [English](#) / [Spanish](#) NEW!

Mosquito Bite Prevention for Overseas Travelers [English](#) / [Spanish](#) NEW!

[Arbovirus in Florida Brochure](#)

[Arbovirus Fact Sheet and Hygiene](#)

[Lee County Mosquito Control District-Mosquitoes and Bromeliads](#)

Other Resources

[Arbovirus Maps \(United States\)](#)

[Centers for Disease Control and Prevention \(CDC\)- West Nile Virus](#)

[Arboviral Encephalitis - Centers for Disease Control and Prevention](#)

[NY Health Dept - West Nile Virus](#)

[Patuxent Bird Identification InfoCenter](#)

[Photo Gallery of Southeastern Birds - Florida Museum of Natural History](#)

[Conserving Wildlife and Habitats - U.S. Fish & Wildlife Service](#)

[West Nile Virus and Breast Feeding](#)

[West Nile Virus and Pets- American Veterinary Medical Association](#)