

April 18, 2023

## MIAMI-DADE REMAINS UNDER A MOSQUITO-BORNE ILLNESS ALERT



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**Miami, Fla.** – Miami-Dade County remains under a mosquito-borne illness alert. There are two local cases of dengue infection in 2023.

The Florida Department of Health in Miami-Dade County (DOH-Miami-Dade) continues to advise the public to remain diligent in their personal mosquito protection efforts by remembering to “**Drain and Cover.**”

### **DRAIN standing water to stop mosquitoes from multiplying.**

- Drain water from garbage cans, house gutters, buckets, 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 swimming pools in good condition and appropriately chlorinated. Empty plastic swimming pools when not in use.

### **COVER doors and windows with screens to keep mosquitoes out of your house.**

- Repair broken screening on windows, doors, porches, and patios.

### **COVER skin with clothing or repellent.**

- Clothing - Wear shoes, socks, and long pants and long-sleeves. This type of protection may be necessary for people who must work in areas where mosquitoes are present.
- 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, 2-undecanone and IR3535 are effective.
  - Use mosquito netting to protect children younger than 2 months old.

### **Additional Tips on Repellent Use**

- Always read label directions carefully for the approved usage before you apply a repellent. Some repellents are not suitable for children.
- In protecting children, read label instructions to be sure the repellent is age appropriate. According to the Centers for Disease Control and Prevention (CDC), mosquito repellents containing oil of lemon eucalyptus or para-menthane-diol

should not be used on children under the age of three years. DEET is not recommended on children younger than two months old.

- Avoid applying repellents to the hands of children. Adults should apply repellent first to their own hands and then transfer it to the child's skin and clothing.
- Apply insect repellent that contains DEET (20-50%), picaridin, oil of lemon eucalyptus, para-menthane-diol, 2-undecanone or IR3535. These products are generally available at local pharmacies. Look for active ingredients to be listed on the product label.
- Apply insect repellent to exposed skin, or onto clothing, but not under clothing.
- Treat clothing and gear with products containing 0.5% permethrin. Do not apply permethrin directly to skin. Always follow the manufacturer's directions.

For more information on what repellent is right for you, consider using the Environmental Protection Agency's search tool to help you choose skin-applied repellent products: <http://cfpub.epa.gov/oppref/insect/#searchform>.

The Florida Department of Health (DOH) continues to conduct statewide surveillance for mosquito-borne illnesses, including West Nile virus infections, Eastern equine encephalitis, St. Louis encephalitis, malaria, chikungunya, and dengue. Residents of Florida are encouraged to report dead birds via the Florida Fish and Wildlife Conservation Commission's website at <https://app.myfwc.com/FWRI/AvianMortality/>.

For more information, visit DOH's website at [www.floridahealth.gov/%5C/diseases-and-conditions/mosquito-borne-diseases/index.html](http://www.floridahealth.gov/%5C/diseases-and-conditions/mosquito-borne-diseases/index.html) or contact DOH-Miami-Dade at **305-470-5660**.

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