



Miami-Dade County Health Department

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**FOR IMMEDIATE RELEASE  
PR-050**

**MOSQUITO-BORNE DISEASE ALERT ISSUED FOR MIAMI-DADE COUNTY**  
*--Second Confirmed Locally Acquired Dengue Case in Miami-Dade County--*

**Miami (November 16, 2012)**-Today, Miami-Dade County Health Department Administrator Lillian Rivera, RN, MSN, PhD announced that the Florida Department of Health (DOH) has issued a mosquito-borne illness alert for Miami-Dade County. The second locally acquired Dengue Fever case in 2012 has been confirmed in an 82-year-old man.

Symptoms of Dengue Fever may include headache, fever, fatigue, dizziness, weakness, pain behind the eyes, joint pain, and confusion. Health care providers should contact their county health department if they suspect an individual may meet the case definition for a mosquito-borne illness. DOH laboratories provide testing services for health care providers treating patients with clinical signs of mosquito-borne disease.

DOH continues to advise the public to remain diligent in their personal mosquito protection efforts. These should include remembering "**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 pets' 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 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, and IR3535 are effective.
  - Use mosquito netting to protect children younger than 2 months old.

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

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

### **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.
- Products with concentrations of up to 30 percent DEET (N,N-diethyl-m-toluamide) are generally recommended. Other US Environmental Protection Agency-approved repellents contain Picaridin, oil of lemon eucalyptus, 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.
- In protecting children, read label instructions to be sure the repellent is age-appropriate. According to the CDC, mosquito repellents containing oil of lemon eucalyptus 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.
- If additional protection is necessary, apply a permethrin repellent directly to your clothing. Again, always follow the manufacturer's directions.

DOH continues to conduct statewide surveillance for mosquito borne illnesses, including West Nile virus infections, Eastern equine encephalitis, St. Louis encephalitis, malaria, and dengue.

You can contact the Miami-Dade County Health Department at 305-324-2400 or visit our web at [www.dadehealth.org](http://www.dadehealth.org)

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