



**Miami-Dade County**  
**EMERGENCY OPERATIONS CENTER**  
**FLASH REPORT # 5**  
**Zika Virus**

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REPORT DATE  
Friday – July 1, 2016

EOC ACTIVATION LEVEL  
Level 3 - Monitoring

REPORT TIME  
1230

**SUMMARY OF CURRENT SITUATION AND ACTIONS**

- The Florida Department of Health (FDOH) has confirmed the first Zika-related case of microcephaly in a child born in Florida whose mother has a travel-related case of Zika. The mother is a citizen of Haiti and came to Florida to deliver her baby. FDOH is working with the family to connect the child to services through the *Early Steps* program.
- The FDOH has assisted 2,150 callers since launching the Zika Virus Information Hotline 1-855-622-6735.
- The Department of Solid Waste Management (DSWM) continues their ongoing proactive mosquito control *Drain and Cover* program via Miami-Dade County and FDOH webpages, and social media (Facebook and Twitter).
- Mosquito Control Unit Inspectors are distributing door hangers in English, Spanish and Haitian Creole, which emphasize *Drain and Cover* measures when they conduct follow-up on resident's mosquito nuisance calls from the Miami-Dade County Contact Center (311). <http://www.miamidadegov/solidwaste/mosquito-control.asp>
- The Mosquito Control Unit continues spraying operations throughout Miami-Dade County on a daily basis to help keep down the volume of mosquitoes.
- FDOH provided Zika Outreach Training sessions on June 27-28, 2016, for Medical Reserve Corps (MRC) volunteers and Response Teams for epidemiology activities.
- FDOH conducted a Zika Virus Table Top Exercise (TTX) on June 29, 2016. Attendees identified and discussed preventive measures, rapid detection processes, implementation of effective crises and risk communications, and protection of vulnerable populations.
- Florida Department of Agriculture and Consumer Services (DACCS) is collaborating with FDOH in developing Regional Zika Task Force groups to aid counties in Florida that lack mosquito control programs.
- CDC Emergency Operations Center remains at a Level 1 activation since February 8<sup>th</sup>, 2016, for Zika response, which is the highest level of response reserved for critical emergencies. <http://www.cdc.gov/media/releases/2016/s0208-zika-eoca-activation.html>
- The Florida State Surgeon General and Secretary of Health issue daily status reports on CDC-confirmed Zika cases by county. <http://www.floridahealth.gov/newsroom/index.html>
- Airlines and Cruise Lines continue to be flexible with passengers traveling into Zika affected areas and are waiving change/cancellation fees and re-routing itineraries.
- The WHO does not recommend any travel or trade restrictions to the U.S. based on current information available.

**ASSESSMENT & ANALYSIS DATA**

Symptoms

One in five (20%) people infected with Zika virus becomes symptomatic but, usually with mild symptoms which may occur 2-7 days after the mosquito vector bite and last no more than one week. Symptoms include: mild fever; skin rash or redness; headaches; arthralgia (joint stiffness); myalgia (episodes or zones of muscular pain); asthenia (lack of energy or loss of strength); conjunctivitis (pink eye); Guillain-Barre syndrome (GBS) (body's immune system attacks part of the peripheral nervous system). The CDC advises that individuals with underlying medical conditions may be more susceptible to the Zika virus.

Treatment and Testing

- As of June 28, 2016, Florida currently has the capacity to test 5,621 people for active Zika Virus and 1,996 for Zika antibodies which allows individuals to see if they ever had the Zika virus.
- The WHO reported that research for Zika vaccines is ongoing and all are in the early stages of development and availability of licensed products could take a few years.

Transmission

- Zika virus is primarily spread to people through the bite of an infected *Aedes* mosquito.
- The virus can be passed from mother to child (perinatal).
- Spread of the virus through sexual contact and blood transfusion has also been reported.

**CDC Response**

The CDC EOC activated for the Zika response and their work includes the following actions:

- Developing laboratory tests to diagnose Zika.
- CDC researchers are conducting studies to learn more about the link between Zika and microcephaly and Guillain-Barré syndrome.
- Providing guidance to travelers and Americans living in areas with current outbreaks.
- CDC is conducting a study to evaluate the persistence of Zika virus in semen and urine among male residents of the United States.
- Enhancing surveillance for the Zika virus in the United States, including U.S. territories;
- On-the-ground support in Puerto Rico, Brazil and Colombia, American Samoa, U.S. Virgin Islands and Panama.

**Zika in the United States and its territories**

- There are currently no locally transmitted Zika cases that have been reported in the continental United States, but cases have been reported in returning travelers (imported cases).
- Imported cases could result in the local spread of the virus in some areas of the United States.

<b>Florida Confirmed Cases of Zika Virus Infection (as of June 30, 2016)</b>		
County	Imported Cases	Locally Transmitted Cases
Alachua	4	-
Brevard	4	-
Broward	33	-
Citrus	1	-
Clay	2	-
Collier	3	-
Duval	3	-
Escambia	1	-
Highlands	1	-
Hillsborough	5	-
Lee	5	-
Martin	1	-
Miami-Dade	68	-
Okaloosa	1	-
Orange	17	-
Osceola	9	-
Palm Beach	12	-
Pasco	2	-
Pinellas	6	-
Polk	4	-
Santa Rosa	1	-
Seminole	8	-
St. Johns	2	-
Volusia	2	-
<i>Cases involving pregnant women*</i>	<b>41</b>	<b>0</b>
<b>Total</b>	<b>195</b>	<b>0</b>

\*Counties of pregnant women will not be shared

For additional information on the Zika virus, please visit:

- <http://www.cdc.gov/Zika/>
- <http://www.floridahealth.gov/diseases-and-conditions/zika-virus>
- <http://www.who.int/topics/zika/en/>

**ATTACHMENTS**

Drain and Cover

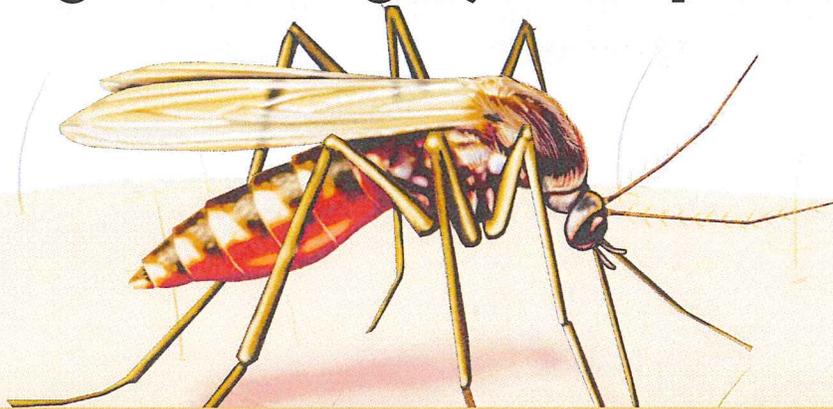
PREPARED BY  
A. Horner

Title  
Human Services Branch Director

Signature



# Feeling the sting of mosquitoes?



Then it's time to:

**DRAIN  
AND  
COVER**



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

#### **DRAIN STANDING WATER.**

**DRAIN:** 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 pets' 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.

#### **COVER YOUR SKIN.**

**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, and IR3535 are effective. Use mosquito netting to protect children younger than 2 months.

**COVER DOORS AND WINDOWS WITH SCREENS.** Keep mosquitoes out of your house. Repair broken screens on windows, doors, porches, and patios.

