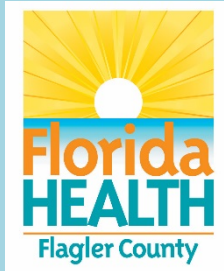


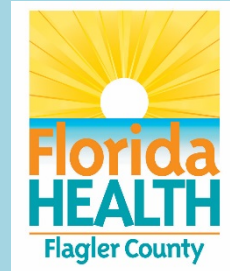
# Florida Department of Health Flagler County



Robert Snyder, Jr. MPH  
Health Officer

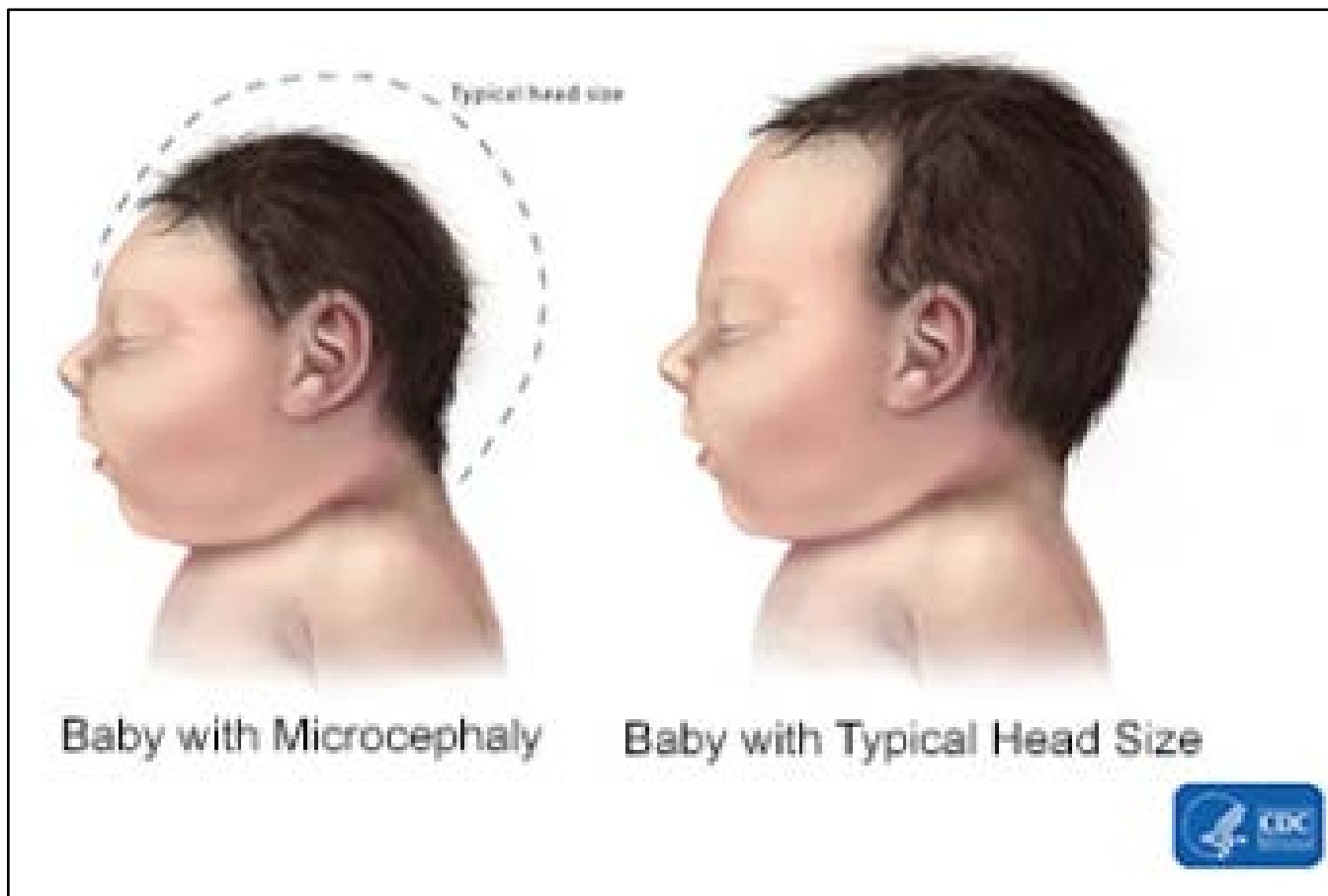


# What is Zika?



- A mild febrile illness caused by a mosquito borne virus, similar to dengue, chikungunya and West Nile virus infection
- Outbreak in 2015: Central and South America, Caribbean and Africa
- Transmitted through the bite of an infected mosquito: '*Aedes aegypti*' and '*Aedes Albopictus*' – Dawn to dusk mosquito
- 20% of people infected are symptomatic
- Signs and Symptoms: low-grade fever, rash, joint pain, conjunctivitis, body aches, headache
- Incubation period between 2-14 days for symptoms to develop
- Transmission: Mosquito bite, sexual contact and pregnant mother to her baby

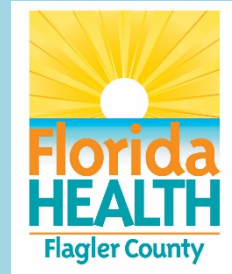
# Link to Microcephaly?



<http://www.cdc.gov/ncbddd/birthdefects/microcephaly.html>



# Statewide Status



413 Travel related cases: Most from Dominican Republic and Puerto Rico

34 Counties impacted

28 Locally Acquired (26 of 28-Miami-Dade)

58 Pregnant woman tracked

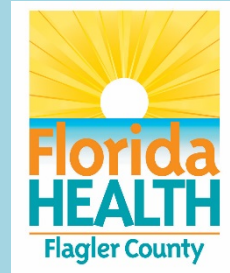
Active Transmission: Wynwood area, 1 sq. mile north of Miami

-Door to Door outreach, urine sampling, aerial and ground spraying, education.

Total Tested statewide: 3,340

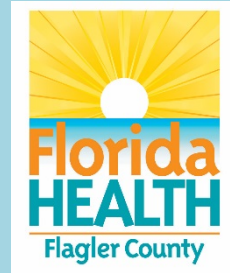
No Charge testing to pregnant woman: 456

# Statewide Public Health Emergency



- 2/3 Declaration of Public Health Emergency
- Active Statewide Surveillance: DOH, CDC, Florida Department of Agriculture & Consumer Services, Mosquito Control
- Funding for mosquito control: Low Risk Counties-\$5,000
- Statewide Education: Healthcare provider conference calls
- Governor requested 5,000 Zika preparedness kits
- Governor requested Federal \$'s – not acted upon yet
- Governor allocated \$26.2 million in state funds
- Florida has capacity to test 6,609 people for active Zika
- 8/3: Governor announced free Zika testing for pregnant women at CHD's, at not cost.

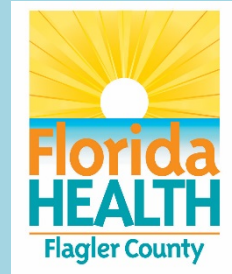
# Statewide Public Health Emergency



- Governor and Surgeon General, Dr. Celeste Philip on the road visiting several counties
- CDC recommends that women who are pregnant or thinking of becoming pregnant postpone travel to areas with widespread Zika infection: South and Central America
- [www.FloridaHealth.gov](http://www.FloridaHealth.gov)
- Zika Information hotline set up: 1-888-622-6735



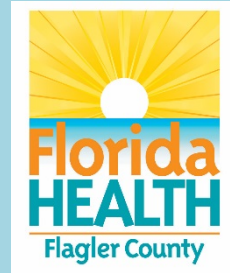
# Local Response – Planning



- On going CHD Epidemiology Response
  - Medical Community Outreach
  - Routine testing: 5 clients, all negative
  - Surveillance
  - Investigation
- Pre-Response Partnership Meetings: (on-going)
  - Municipalities: Palm Coast and County
  - Mosquito Control
- Training & Exercise
  - Tabletop Exercise with Community Partners on July 5, 2016



# Local Response – Active



- Notify State Health Office
- County Meeting convened by CHD:
  - County Commission
  - Mosquito Control
  - Tourist Development Council
  - Airport
  - Hospital
  - City Commission
  - County Extension Office
  - Emergency Management
  - County Medical Society
- Continued Epidemiology Response
- Community Education & Outreach & Response by CHD and Mosquito Control
- Door to Door



# Zika Virus – Messaging

## Mosquito Bite Protection for Overseas Travelers

**Florida Health**  
 Mosquitoes spread viruses and malaria. Before you travel to area and malaria. Before you travel to area about your health concerns, and ask:

### Bring Environmental Protection Agency (EPA)-registered insect repellent

- When you travel to areas with mosquitoes, bring an EPA-registered insect repellent. Use products with active ingredients that are safe and effective.
- Always follow the product label instructions.
- Do not spray repellent on skin under clothing.
- If you use sunscreen, put sunscreen on first and second.
- It is safe for pregnant or nursing women to use repellents if applied according to package label in repellents.
- Learn more: [www2.epa.gov/insect-repellents](http://www2.epa.gov/insect-repellents).

### Cover up with clothing

- Wear long-sleeved shirts and long pants.
- Mosquitoes can bite through thin clothing.
- Treat clothes with permethrin or another EPA-registered insecticide for extra protection.

### Use permethrin-treated clothing and gear

- Permethrin is an insecticide that kills mosquitoes and other insects.
- Buy permethrin-treated clothing and gear (boots, socks, tents), or use permethrin to treat clothing and follow product instructions closely.
- Read product information to find out how long permethrin will last.
- Do not use permethrin products directly on skin.

## Mosquito Bite Protection in Florida



FloridaHealth.gov • Florida Department of Health

Not all mosquitoes are the same. Different mosquito species bite during the day, such as the species of mosquitoes bite most often at dawn.

### Use Environmental Protection Agency (EPA)-registered insect repellents

- Wear repellent when you are outdoors. Use products with active ingredients that are safe and effective.
- Always follow the product label instructions.
- Do not spray repellent on skin under clothing.
- If you use sunscreen, put sunscreen on first and second.
- It is safe for pregnant or nursing women to use repellents if applied according to package label in repellents.
- Learn more: [www2.epa.gov/insect-repellents](http://www2.epa.gov/insect-repellents).

### If you have a baby or child:

- Always follow product instructions when applying insect repellent to children.
- Spray insect repellent onto your hands and then apply to a child's face.
- Do not apply insect repellent to a child's hands, mouth, cut or irritated skin.
- Do not use insect repellent on babies younger than 2 years old.
- Dress babies or small children in clothing that covers their heads, arms, and legs.
- Cover cribs, strollers or baby carriers with mosquito netting.

## CDC's Response to Zika and Sex: Information for Pregnant Women Living in Areas with Zika

### What we know

- Zika virus can be spread by a man who has symptoms.
- In known cases of likely sexual transmission, the virus can be spread to men who have symptoms.
- The virus can be present in semen for at least 6 months.

### What we don't know

- How long the virus can stay in the semen of infected men who never have symptoms.
- If infected men who never have symptoms can spread Zika virus to their partners.
- If a woman can spread Zika virus to her partner.

### What you should know about Zika and sex

Because of the link between Zika and birth defects, take steps to prevent infection during your pregnancy.

If you have vaginal, anal, or oral (mouth-to-penis) sex, use a condom the right way every time during your partners pregnancy.

OR

If you think your male partner or had Zika, tell your healthcare provider.

- If he has taken steps to prevent mosquito bites.
- If you had sex without a condom.



It's a New Day in Public Health.  
 The Florida Department of Health works to protect, promote & improve the health of all people in Florida through integrated state, county, & community efforts.

- Programs & Services
- Licensing & Regulation
- Statistics & Data
- Certificates
- Diseases & Conditions
- Environmental Health

### Zika Virus



Zika fever is a mild febrile illness caused by a mosquito-borne virus similar to those that cause dengue and West Nile virus infection. It has been identified in several countries in Central and South America, Mexico, and the Pacific Islands.

Contact the Florida Department of Health  
 850-245-4444  
 health@flhealth.gov  
 Mailing Address  
 Florida Department of Health  
 1925 Bald Cypress Way  
 Tallahassee, FL 32399

Daily Zika Fever Updates  
 Department of Health Daily Zika Update

For more information on Zika virus, Florida residents and visitors can call 850-632-0735.



U.S. Department of Health and Human Services  
 Centers for Disease Control and Prevention

[www.cdc.gov/zika](http://www.cdc.gov/zika)