

Currently  
in the news...



Mosquito  
Control



504-  
366-0084

Zika Virus

MOSQUITO CONTROL SERVICES, LLC

Services

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## What is Zika Virus?

*Zika is an infectious disease transmitted to people through the bite of an infected mosquito.*

## What are the Symptoms?

*Symptoms include: Muscle or joint pain, rash, vomiting, headache (especially behind eyes, and conjunctivitis.*

*Not all persons infected will become ill. Symptoms usually begin 2 to 7 days after being infected by the mosquito. You should see a doctor if you believe you have been exposed to ZIKA.*

*Once a person is infected, there is a period of 7 - 10 days where an Aedes mosquito can acquire the virus from them.*

## Am I at risk?

*Currently, the risk of ZIKA in our area is low. There have been no recorded cases of a mosquito transmitting Zika in the gulf coast region.*

*Travelers visiting areas of the world where Zika virus is active should guard themselves from being bit by a mosquito. Currently, these areas include parts of Africa, Southeast Asia, the Pacific Islands, Carribean, Central and South America.*

Visit [cdc.gov/travel](http://cdc.gov/travel) for country specific travel information and recommendations.

## COMMON MOSQUITO-BORNE HEALTH THREATS IN LOUISIANA & GULF COAST

- West Nile Virus (WNV)
- St. Louis Encephalitis (SLE)
- Eastern Equine Encephalitis (EEE)
- Dog Heartworm

## EMERGING THREATS TO OUR REGION

- Chikungunya
- Dengue
- Zika Virus

## Where can I get more information on ZIKA & other disease threats?

Visit [cdc.gov/zika](http://cdc.gov/zika) to learn where ZIKA is prevalent and get up to date information on new developments.

Visit [dhh.louisiana.gov](http://dhh.louisiana.gov) or call 1-800-256-2748 to get current information on Louisiana health concerns including Zika, West Nile, and other viruses & health threats.

Visit us at [mosquitocs.com](http://mosquitocs.com)

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## WHAT'S INSIDE:

### EDUCATE YOURSELF: HELP FIGHT MOSQUITOES & DISEASE

Know your mosquitoes

Guard yourself against  
mosquito bites and disease

Control of larval Insects  
Around Your Property

What Mosquito Control is  
Doing in Your Parish

Disease Surveillance

Notification of a positive

Facts on Zika Virus

MOSQUITO CONTROL SERVICES

# Know your targets & Aim for these *Disease Carriers!*



## Southern House Mosquito *Culex quinquefasciatus*



- \* Bites during the evening hours and dawn.
- \* Common in Louisiana, and the Gulf Coast
- \* Transmits West Nile,

*St. Louis Encephalitis, likely Dog Heartworm*

## Asian Tiger Mosquito *Aedes albopictus*



- \* Bites during the day-time, dusk, and dawn.
- \* Common in Louisiana, and the Gulf Coast
- \* Transmits West Nile

*Virus, Dog Heartworm, Dengue, and believed to transmit Chikungunya & Zika*

## Yellow Fever Mosquito *Aedes aegypti*



- \* Bites during the day-time, dusk, and dawn.
- \* Less common in Louisiana, and Gulf Coast
- \* Transmits Dengue,

*Chikungunya, Yellow Fever, Zika*

## CONTROL MOSQUITOES AROUND YOUR HOME

People can become infected when bitten by an infected mosquito. Eliminating mosquito breeding areas around your property will lower your risk of infection.

### *Eliminate any standing water around your property*

Once a week, empty, turn over, cover, or throw out items that hold water, such as tires, buckets, planters, toys, pools, birdbaths, flowerpots, or trash containers.

Tightly cover water storage containers (buckets, cisterns, rain barrels) so that mosquitoes cannot get inside to lay eggs.

For containers without lids, use wire mesh with holes smaller than an adult mosquito.

### *If you have a septic tank, follow these steps:*

Repair cracks or gaps

Cover open vent or plumbing pipes. Use wire mesh with holes smaller than an adult mosquito.

### *Keep mosquitoes out of your home:*

Use screens on windows and doors

Repair holes in screens

### *Prevent mosquito bites:*

Wear long sleeves and pants

Use an EPA-registered insect repellent with one of the following active ingredients:

Deet    Picaridin    Oil of lemon eucalyptus

Always follow the product label instructions

Visit [mosquitocs.com](http://mosquitocs.com) for more tips and downloadable instructional pamphlets as well as other educational materials.

## Mosquito Control Services Virus Response

### *Disease Surveillance*

We distribute different surveillance traps throughout the parish and inspect them multiple times each week.

Collected samples of mosquitoes are speciated and catalogued. Each trap is analyzed for target vector mosquitoes. Those vector mosquitoes are then packaged and sent to the Louisiana State Diagnostic Laboratory for testing.

When a sample of mosquitoes is confirmed to contain mosquitoes positive for virus or a human is identified in an area, a response protocol is initiated involving elevated control efforts (including a higher frequency of spray applications).

### *Notification*

Residents in the area of a confirmed positive sample or human case will be informed through the distribution of door hangers and informational pamphlets.

