

# Kansas Zika Virus Planning and Response Update

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# Current Epidemic

- Local transmission of Zika virus subsequently reported throughout many countries in Central and South America, Oceania / Pacific Islands, and Cape Verde in Africa
- U.S. (as of 25 May 2016)
  - States / District of Columbia
    - 591 travel-associated cases
    - 0 locally acquired vector-borne cases
    - 11 cases documented from sexual transmission
    - 1 case resulted in Guillain-Barre syndrome
  - U.S. territories
    - 939 cases, nearly all of which locally-acquired
- Most (903 / 96%) in Puerto Rico

# Zika Virus and Risk in Kansas

- Virus will continue to spread in areas with competent vectors
  - Central America, Mexico, Caribbean, Puerto Rico, and U.S. Virgin Islands
- Travel associated cases will continue to occur in Kansas
  - Sexual transmission
- Biggest risk in pregnancy – Fetal brain disruption sequence

# Current State Activities

# Communications

- Zika virus page on KDHE website – Links directly to CDC
- [www.kdheks.gov](http://www.kdheks.gov)



- KS-HAN advisories to health care providers, hospitals, labs, and other partners

# Laboratory Testing

- KDHE approves all testing conducted at CDC
- KHEL working on implementing testing capacity (RT-PCR and Serology)
  - Asymptomatic pregnant women tested 2 -12 weeks since exposure using serology only
  - Symptomatic persons tested within 14 days – urine and serum using PCR
- Commercial PCR test approved via Emergency Use Authorization by FDA (Focus Diagnostics / Quest)

# Case Investigation

- Case investigations to be conducted by local health department or KDHE for persons testing positive
- Cases among pregnant women to be entered into national Zika virus pregnancy registry by KDHE

# Ongoing / Planning Activities

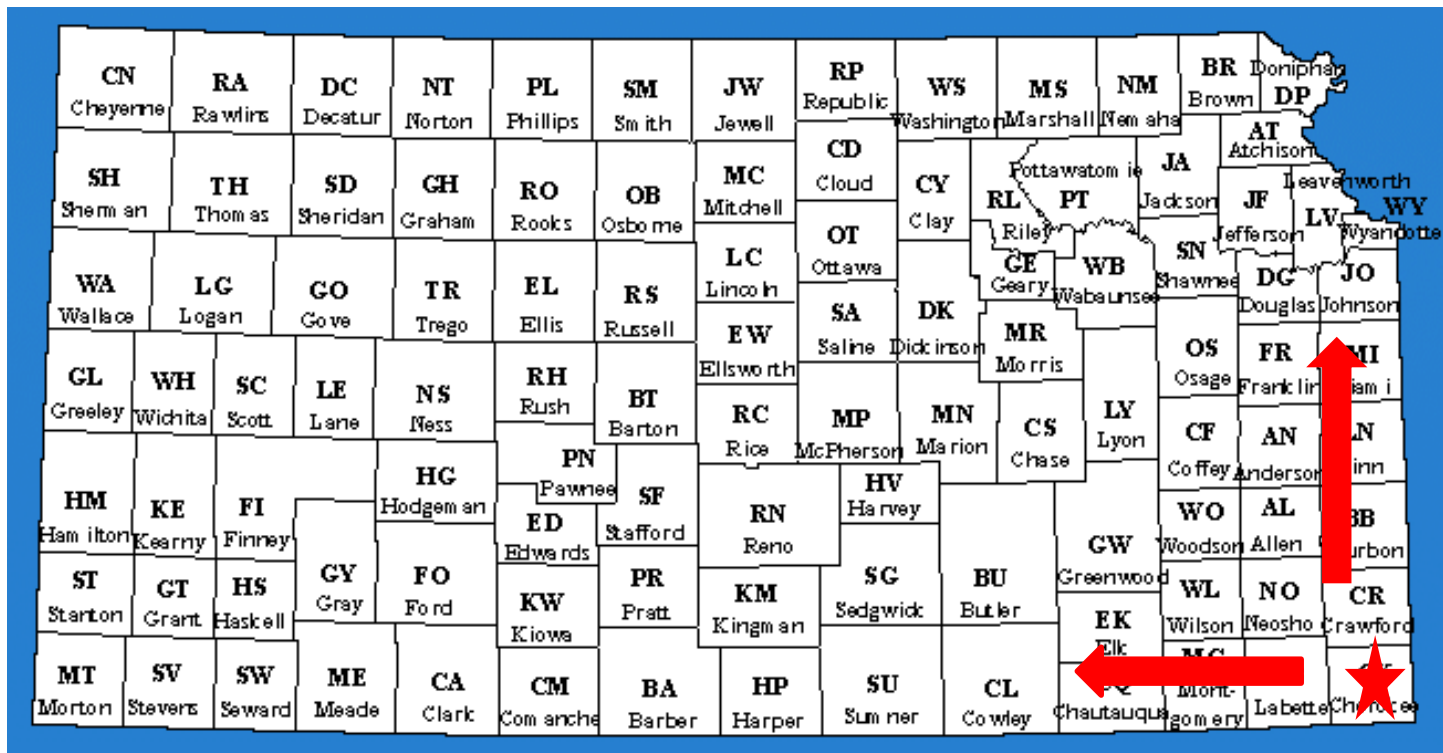


# Funding for Zika virus prevention and control activities

- Supplement to ELC cooperative agreement (funding 01 Aug 2016 – 31 Jul 2017)
  - One-year project period; sustainability uncertain
- Public Health Preparedness and Response (funding 01 Jul 2016 – 30 Jun 2017)
  - Two-year project period
- Enhanced birth defects surveillance – Funding opportunity announcement released
  - Five-year project period anticipated

# Mosquito Surveillance

- Nine surveillance sites in Sedgwick County – *Culex* sp. (West Nile Virus Vector)
- Survey for *Aedes* spp. initiated week of 18 May 2016 in Cherokee County
- Map updated weekly with survey results



# Larval Surveillance

- Five cities to be selected on basis of geographic area, interest, and capacity to participate in 2017
- KDHE and KS Biological Survey staff will provide supplies and conduct training
- Five cities to be added per year



# Zika Virus Prevention Kits

- Provided to symptomatic patients approved for testing
  - Fact sheets
  - DEET
  - Larvicide dunks
  - Condoms



# Waste Tire Abatement

- Education and outreach
- Abatement of waste tire dumps in urban areas



# Educational Outreach

#ThinkTravelHistory Campaign



Fact Sheets

**Pregnant?**  
Warning: Zika can cause certain birth defects  
There is no vaccine to prevent Zika virus infection

Protect your pregnancy

From getting Zika from mosquito bites

**Mosquito Bite Prevention for Travelers**

Mosquitoes spread many types of viruses and parasites that can cause diseases like chikungunya, dengue, Zika, and malaria. If you are traveling to an area where malaria is found, talk to your healthcare provider about malaria prevention medication that may be available.

CDC's Response to Zika

**Zika and Sex: Information for Pregnant Women Living in Areas with Zika**

# Educational Resources

Large posters at airports



Posters at obstetrician offices and maternal and child health clinics

**CDC's Response to Zika**  
**PREGNANT? Read this before you travel**

**What we know about Zika**

- Zika can be passed from a pregnant woman to her fetus.
- Zika infection during pregnancy can cause certain birth defects.
- Zika is spread mostly by the bite of an infected Aedes species mosquito.
  - These mosquitoes are aggressive daytime biters. They can also bite at night.
- There has been no local transmission of Zika in the continental US.
- There is no vaccine to prevent or medicine to treat Zika.
- Zika can be spread by a man to his sex partners.

**What we don't know about Zika**

- If there's a safe time during your pregnancy to travel to an area with Zika.
- If you do travel and are infected, how likely it is that the virus will infect your fetus and if your baby will have birth defects from the infection.

**Travel Notice**

CDC has issued a travel notice (Level 2-Practice Enhanced Precautions) for people traveling to areas where Zika virus is spreading.

- For a current list of places with Zika outbreaks, see CDC's Travel Health Notices: <http://www.cdc.gov/travel/notices/zika-travel-information>
- This notice follows reports in Brazil of microcephaly in babies of mothers who were infected with Zika virus while pregnant.

**Symptoms of Zika**

Many people with Zika won't even know they have it. The illness is usually mild with symptoms lasting for several days to a week.





**For more information about Zika virus**

**[www.kdheks.gov](http://www.kdheks.gov)**

**Or call**

**1-877-427-7317**

