

Zika Response Overview: *Cameron County, Texas*

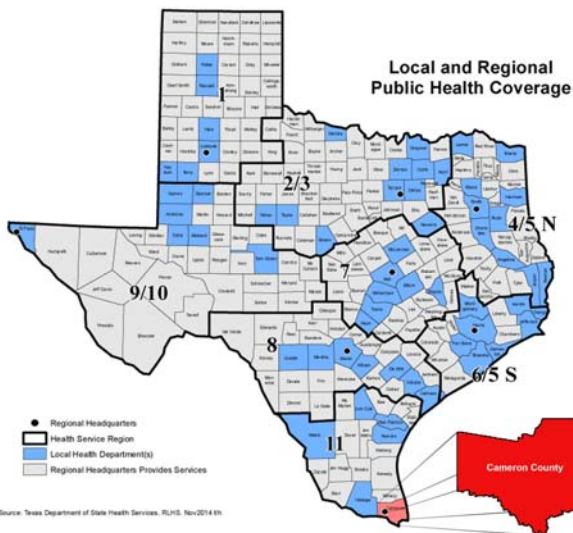
ARIZONA ZIKA ACTION PLAN WORKSHOP & TTX
JUNE 20, 2017



Cameron County Department of Health & Human Services

Esmeralda Guajardo, MAHS, Health Administrator

James W. Castillo II, MD, Health Authority



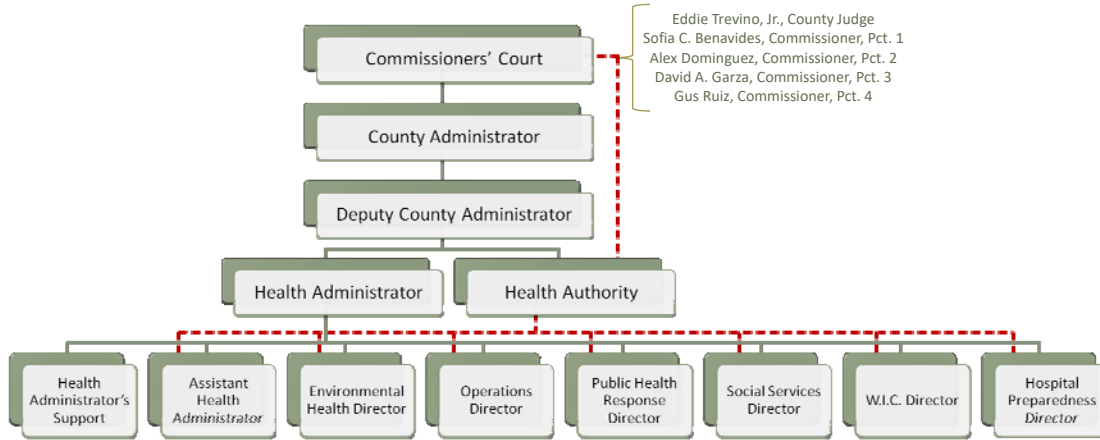
Public Health in Texas

- 254 Counties in Texas
- 11 Public Health Regions
- 62 Local Health Departments



Cameron County Department of Health & Human Services

Cameron County Oversight



Cameron County Department of Health & Human Services

Bloomberg Markets Tech Pursuits Politics Opinion Businessweek

The Zika Virus Is Coming to the U.S. Here's What You Need to Know

A once-rare virus that may cause birth defects is alarming health officials.

by **John Tozzi**
January 15, 2016 1:14 PM Updated on January 15, 2016 6:59 PM



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Public Health “Alternative Facts”

Officials: Contrary to report, no cases of Zika virus have been confirmed in the Valley

by CBS4 News | Thursday, April 14th 2016



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Not “if”, but “when”...



“It’s not a matter of *if* it’s going to happen,” said Esmeralda Guajardo, Cameron County’s health administrator. “It’s a matter of *when*.”

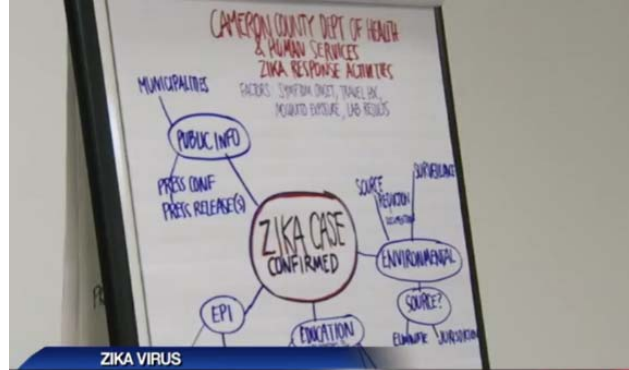


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While We Were Waiting...

Health Department Customizes Response Plan

Posted: Jul 05, 2016 3:41 PM CDT
Updated: Jul 05, 2016 3:41 PM CDT



ZIKA VIRUS
5 HEALTH DEPARTMENT CUSTOMIZES RESPONSE PLAN
CAMERON COUNTY



Cameron County Department of Health & Human Services

Cameron County Zika Response Plan, Version 1.0

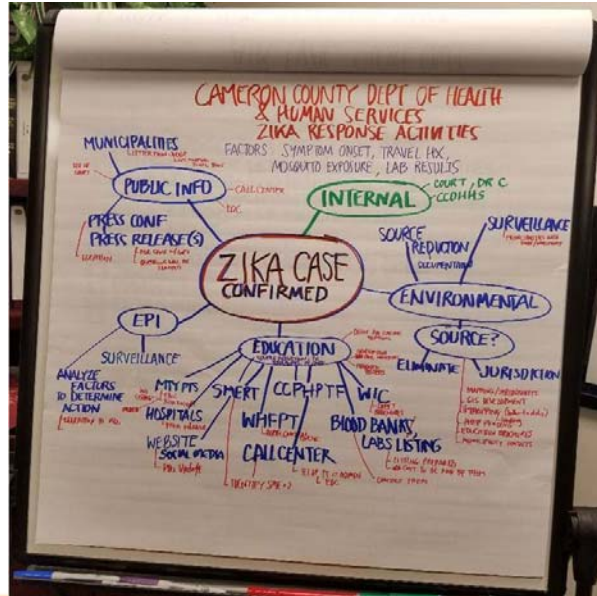


ZIKA VIRUS
5 HEALTH DEPARTMENT CUSTOMIZES RESPONSE PLAN
CAMERON COUNTY



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Cameron County Zika Response Plan, Version 2.0



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Close Call

- ❖ 26 year old from San Benito, Texas
- ❖ Pregnant
- ❖ Classified as "Probable Travel Related Case"
- ❖ Conducted educational outreach in one (1) mile radius

VALLEY STAR
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Pregnant San Benito woman tests positive for Zika; contracted in Mexico

Story Comments Image (2)
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Posted: Wednesday, September 21, 2016 11:15 am

By Diana Eva Maldonado, Staff writer

A pregnant San Benito woman is the first case of travel related Zika virus disease reported in Cameron County.

Health officials held a news conference this morning to disclose the details of the health case.

They say the pregnant 26-year-old woman spent an extensive amount of time traveling in Mexico.

"Our department is working with health officials in Mexico to investigate this case further and, at this point, all of the evidence points towards this being a travel related case," said Dr. James W. Castillo, Cameron County Health Authority.



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Did Someone Say “When”?!%#@#! 🙌😄



HEALTHY LIVING 11/28/2016 03:54 pm ET | Updated Dec 27, 2016

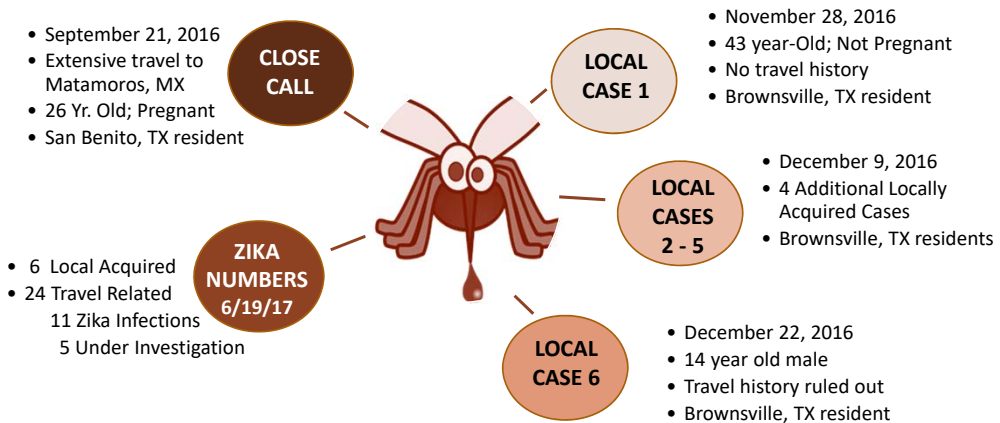
Texas Woman Has The State’s First Locally Transmitted Case Of Zika Virus

Cameron County, Texas, reported the state's first locally transmitted Zika case on Nov. 28.




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Cameron County Zika Update



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Cameron County Local Zika Case Time Line

November 18	<i>Friday</i>	11:18 am Patient X Specimen Collection at Cameron County Clinic
		12:30 pm Lab Specimen Sent to Harlingen State LRN
		5:22 pm Received PCR Lab Results via Phone Call
November 19	<i>Saturday</i>	Scheduled Conference Call with DSHS Region 11 for Nov 21st
November 21	<i>Monday</i>	9:00 am Conference Call; Additional Testing. "Heads Up" Calls
November 22	<i>Tuesday</i>	Preliminary Action Plan Discussions w/DSHS, CDC: Uro-survey ±2:30 pm Determined Locally Acquired Case  CCDHHS Zika Response Virtual EOC Activated
November 23	<i>Wednesday</i>	County Judge Swearing-In
November 24-27	<i>Th-Sun</i>	Thanksgiving Holiday
	<i>Saturday</i>	Vector Activities w/CCDHHS, City of Brownsville, DSHS Region 11
	<i>Sunday</i>	Logistics Mobilization



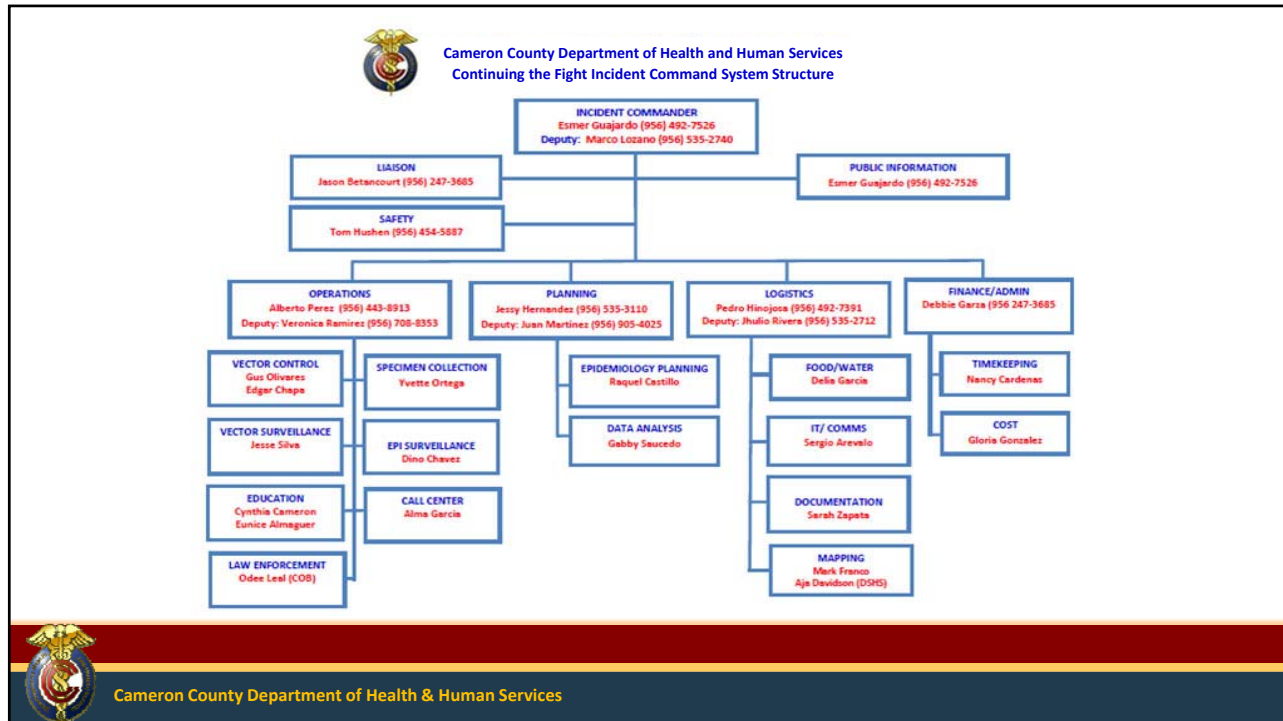
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Monday, November 28, 2016. ^{REAL} The Fun Begins.

7:30 am	Shipment of Supplies: CDC & DSHS
7:45 am	CCDHHS Zika Response Activated: Incident Command
8:00 am	Assembly Team Meeting
11:00 am	Team Lead Meeting
1:30 pm	Just In Time Training
1:45 pm	Press Release Dissemination
2:30 pm	Press Conference
5:00 pm	Mobilization of Zika Response Teams
9:45 pm	First Zika Response Team Returns to Base
11:30 pm	Zika Response Day One Ends



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Preparedness & Response

- ❖ Incident Command Established (Internal)
- ❖ Municipality/City Management Communication

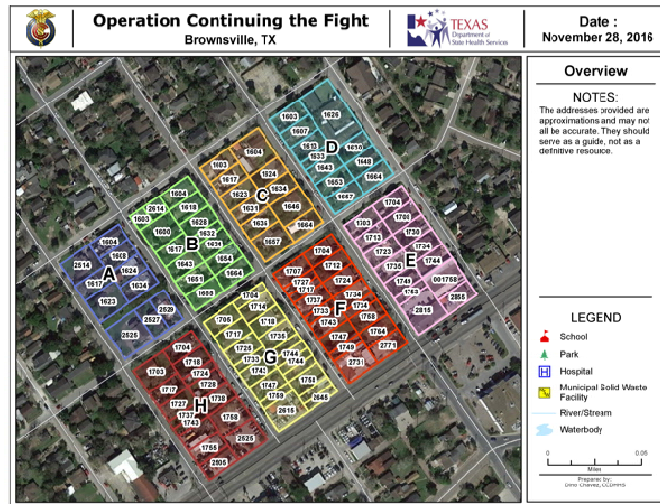


- ❖ Call-Down List Activated
- ❖ Vector Control & Vector Surveillance
- ❖ Vector Testing (County & City)
- ❖ Mapping/GIS Established
- ❖ Parameters Established
- ❖ Health Education & Community Outreach
- ❖ Communication Plan Activation
- ❖ Healthcare Provider & Hospital Outreach
- ❖ Finance/Operations Employee Tracking
- ❖ Situational Reporting to County Leadership



Zika Response Action Plan

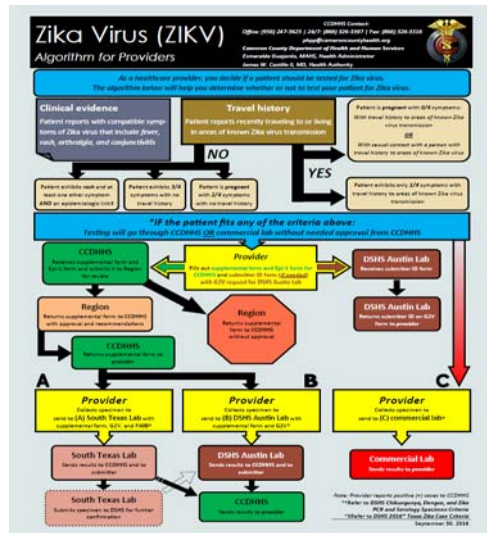
- ❖ Obtain Index Case specifics
- ❖ Establish radius at risk (150 meters)
- ❖ Identify target population
- ❖ Target time frame
- ❖ Develop Outcome Formula
- ❖ Data Collection
- ❖ Community Surveillance Teams
 - ❖ Environmental Health & Education
 - ❖ Clinical
 - ❖ Epi Response Teams



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Epi & Clinical Response

- ❖ Epi consultations & urine sample collection
- ❖ This team coordinated for specimen collection
- ❖ Extended clinic hours to assist providers with testing demand
- ❖ Coordinated provider workshop with Women's Health and Family Planning Association of Texas (WHFPT) in response to CDC testing guideline change for pregnant women
- ❖ Provided updates to Administration
- ❖ Exercised Health Authority involvement and direction



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Environmental Health & Education

- ❖ Designated Vector Lead
- ❖ Communicated scope of response efforts with City of Brownsville/City of San Benito
- ❖ Collaborated with state regional office and municipalities
- ❖ Information Sharing
- ❖ Support to City of Brownsville/City of San Benito in vector surveillance
- ❖ Municipality vector programs were first group to be informed of case situation



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All Eyes on Public Health in Cameron County

THE WALL STREET JOURNAL.

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U.S.

CDC Cautions Pregnant Women About Zika in Brownsville, Texas

Mosquitoes are believed to have infected five people, making city second home to an outbreak in the U.S.

USA TODAY NETWORK Mary Rowman, USA TODAY NETWORK



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Media & Communications

- ❖ Virtual Joint Information Center
 - ❖ City of Brownsville, City of San Benito
 - ❖ Cameron County
 - ❖ Department of State Health Services (DSHS)
 - ❖ Centers for Disease Control & Prevention (CDC)
- ❖ Press Release Timed Distribution
- ❖ Call Center Established
- ❖ One-on-One Press Conferences
- ❖ Trust Crucial for Success



*Dr. James W. Castillo II, MD
Cameron County Health Authority*



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PIO's Job Is Never Done

Health Officials: Cameron Co. Zika Case Likely Transmitted Locally

Cameron Co. Offers Assistance to Train Local Doctors on Zika

Volunteer Tests Confirmed 4 More Zika Cases in Cameron County

Lower Temperatures Ease Cameron Co. Efforts to Combat Zika

Zika Preparedness Coalition Underway in Cameron County



Cameron Co. Focusing on Efforts to Prevent Spread of Zika

Posted: Nov 29, 2016 6:25 PM CDT
Updated: Nov 29, 2016 6:25 PM CDT



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And I Mean NEVER Done.

ValleyCentral.com
WATCH LIVE
Cameron County health officials go door-to-door to deliver Zika prevention information



Cameron Co. Health Department Seeing Insufficient Zika State Funds

Cameron Co. Requests State Funds to Combat Zika

Cameron Co. Zika Testing Results Still Pending

Cameron Co. Health Officials Amp Up Zika Virus Awareness

Resources to Fight Against Zika in Cameron Co. Running Low

Cameron Co. Teen Infected in Sixth Zika Virus Case



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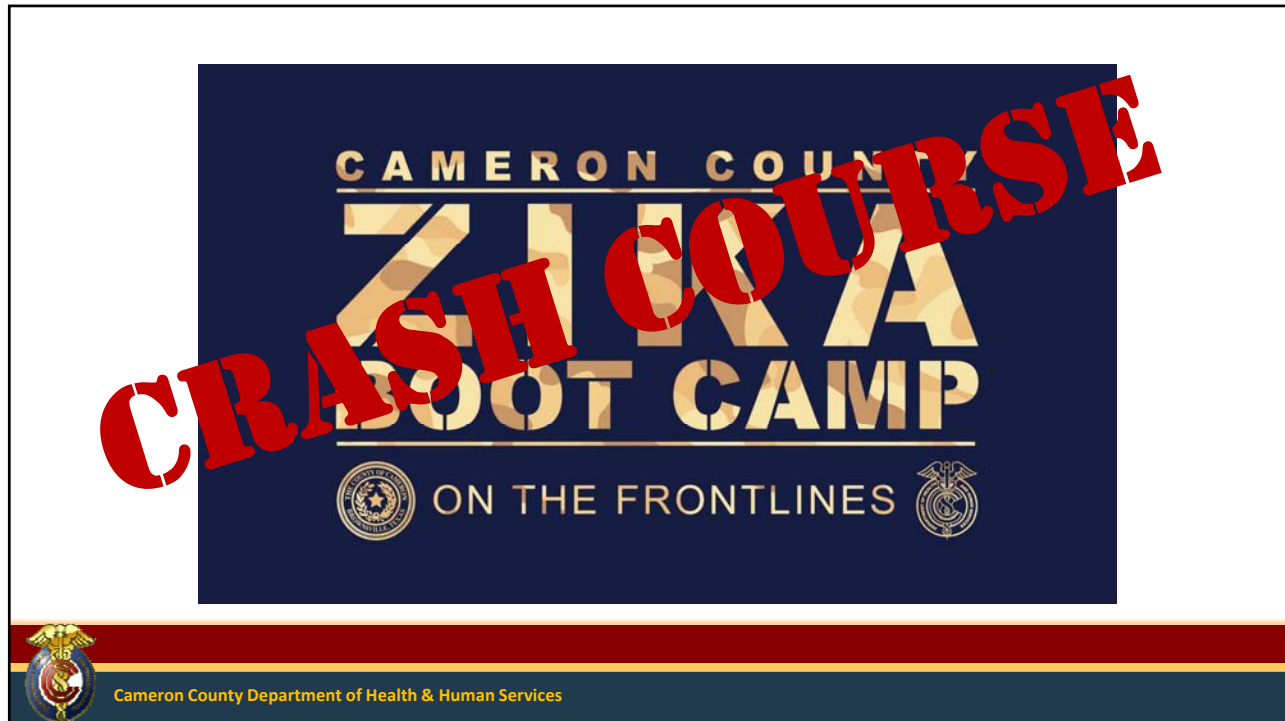
Border Health Challenges



- ❖ Populated Borders/Ports of Entry
- ❖ Testing Restrictions & Criteria
- ❖ Reporting Guidelines
- ❖ Information Sharing
- ❖ Dual-Residency and Dual-Jurisdiction
- ❖ Travel Related vs Locally Acquired




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CAMERON COUNTY
ZIKA
BOOT CAMP
ON THE FRONTLINES

CRASH COURSE




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The Three Letter Word in Public Health


Health Officials Educating Men to Avoid Transmission of Zika Virus

Posted: Sep 13, 2016 6:40 PM CDT
Updated: Sep 13, 2016 6:40 PM CDT

Health Officials Educating Men to Avoid Transmission of Zika - 03:32



ZIKA VIRUS



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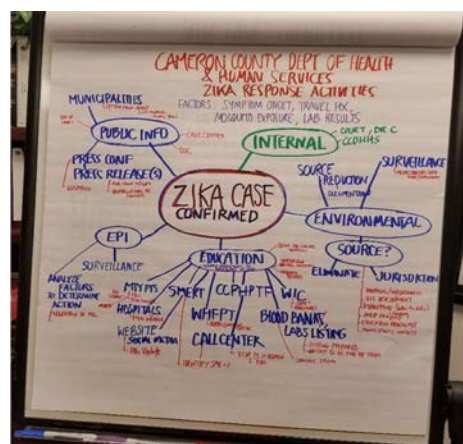
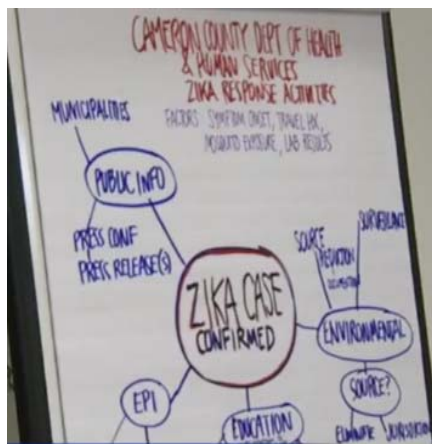
Use Social Media
...before someone
else does.

When you're in Brownsville for the
holidays and see a mosquito



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Obtain Staff Input



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Be Cognizant of Department Capabilities & Limitations



Milam County Health Department



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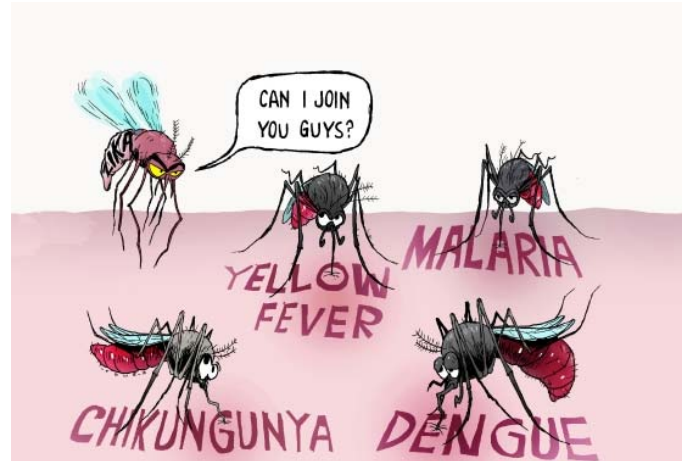
Bell County Health Department

It exists. 😬
You, March 29, 8:08 PM



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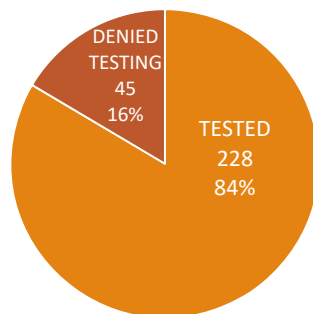
Establish Lab Infrastructure & Capability



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UroSurvey Results

Interviews, n = 273



Epi Contacts: All Negative

Epi Contacts	33
Signs & Symptoms	30
Pregnant	3

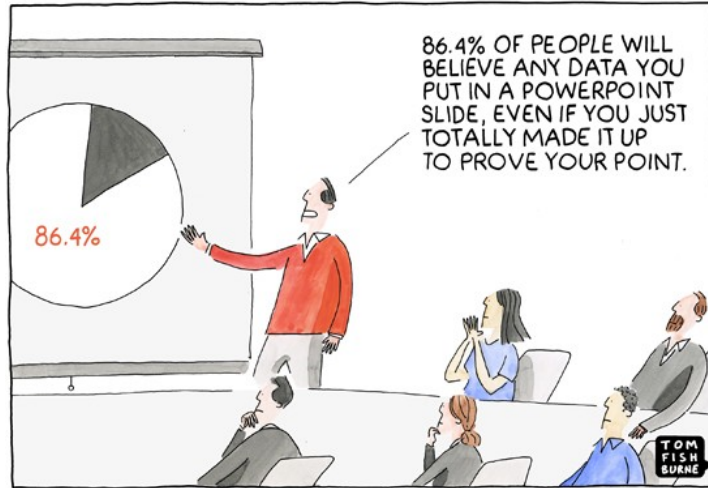
Days later, four (4) additional locally acquired Zika cases were identified from the Community Surveillance Efforts

*Cameron County UroSurvey Data, November 28 – 30, 2016



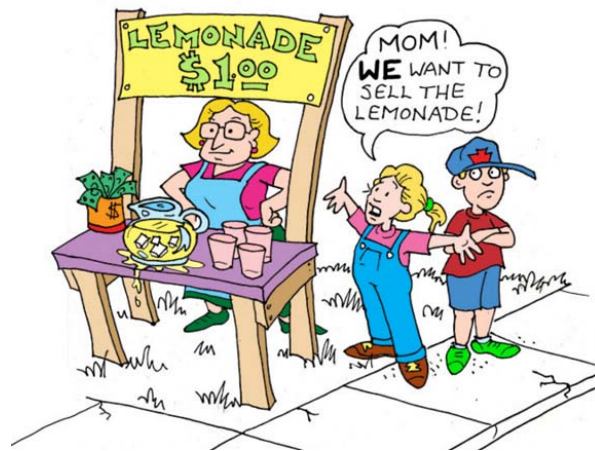
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Establish Data Parameters



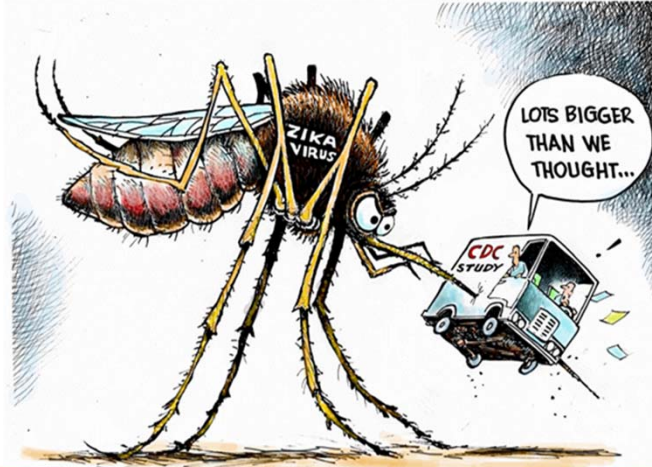
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Know Your Role, Do Your Part.



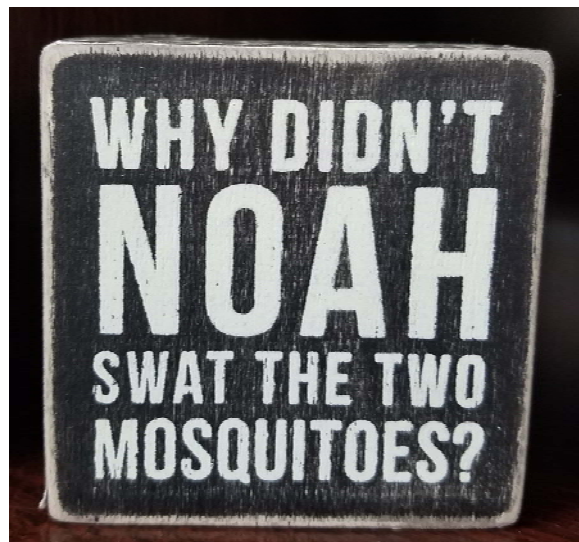
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Know Your Communities



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Think Everything Through.
Everything.



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Surround Yourself with Greatness



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Be Careful What You Wish For

*“I’m really looking forward to putting
Cameron County public health
on the map.”*



-Esmeralda Guajardo

*Upon being appointed as Cameron County Health Administrator
July 30, 2015*



Cameron County Department of Health & Human Services

Thank You

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