

#### **Board of Public Health Meeting**

Tuesday, April 12, 2016



#### **Commissioner's Update**

Brenda Fitzgerald, MD Commissioner, DPH

#### **Legislative Update**

#### David Bayne Government Relations Director

#### FY 2017 Budget Update

#### Kate Pfirman, CPA Chief Financial Officer, DPH





Attached agencies not included

# FY 2017 Budget Highlights

- Provide funds for merit-based pay adjustments & employment recruitment & retention initiatives effective July 1, 2016 - \$7,300,606
- Additional salary increase for registered nurses to address recruitment & retention issues in the highest turnover classes -\$3,687,332
- Additional salary increase for licensed practical nurses to address recruitment & retention issues in the highest turnover classes -\$526,875
- Increase funds for the sixth year phase-in of the new general grant-inaid formula to hold harmless all counties - \$1,388,991
- Replace federal funds for Women's Health program \$651,897

# FY 2017 Salary Adjustments

#### **Merit Based Pay Adjustments**

- > Three percent (3%) increase effective July 1, 2016
- Separate GIA 001 allocation to lead county

#### **Special Allocation for Nurses**

- Compensation distribution based on nursing series jobs & pay grades
- Criteria to include tenure and distance from market rate
- Separate GIA 001 allocation to lead county with funding identified by position

# FY 2017 Budget by Program

STATE GENERAL FUNDS	FY 2017
Statewide Changes	
Merit-based pay adjustments and employment recruitment and retention initiatives	\$7,981,602
Increase funds to provide for an additional salary increase for registered nurses to address recruitment and retention issues in the highest turnover classes	\$3,737,277
Provide for an increase in the employer share of the Employees' Retirement System contribution rate to provide a one-time benefit adjustment of 3% to retired state employees	\$166,595
Adjustment to premiums for DOAS administered self insurance programs	(\$144,672)
Adjustment in TeamWorks billings	\$55,158
Increase funds to reflect an adjustment in merit system assessments	\$12,182
epartmental Administration	
Provide funds for telehealth maintenance and infrastructure	\$122,196
dolescent & Adult Health Promotion	
Replace federal funds	\$651,897
Increase funds for the Positive Alternatives for Pregnancy and Parenting Grant Program	\$2,000,000
Increase funds for the Biomedical Prevention Clinic	\$100,000

# FY 2017 Budget by Program

STATE GENERAL FUNDS	FY 2017
Epidemiology	
Increase funds for the Georgia Poison Center to support additional staffing needs	\$150,000
Infant & Child Essential Health Treatment Services	
Increase funds to provide therapies for individuals with congenital disorders	\$1,722,240
Transfer the Maternal and Infant Early Childhood Home Visitation (MIECHV) grant funds from the Department of Human Services to the Department of Public Health for home visiting services (Federal funds: \$1,089,366)	YES
Increase funds for the Medical College of Georgia Sickle Cell Center at Augusta University	\$117,178
Infant & Child Health Promotion	
Eliminate one-time funds for the Rally Foundation for Childhood Cancer Research	(\$25,000)

# FY 2017 Budget by Program

STATE GENERAL FUNDS	FY 2017
Office for Children and Families	
Transfer funds for supporting Georgia's children and families from the Governor's Office for Children and Families to the Department of Public Health	\$824,505
Public Health Formula Grants to Counties	
Increase funds for the sixth year phase-in of the new grant-in-aid formula to hold harmless all counties	\$1,388,991
Increase funds to provide for an additional salary increase for Licensed Practical Nurses (LPN) to address to recruitment and retention issues in the highest turnover job classess	\$526,875
Vital Records	
Increase funds to provide for new Vital Records facility real estate rent	\$522,725
TOTAL STATE GENERAL FUNDS	\$ 19,909,749

#### FY 2017 Bonds

GENERAL OBLIGATION (G.O.) BONDS	FY 2017
Clinical Billing Information Technology System	\$4,800,000
Facility Repairs and Maintenance (Waycross & Decatur laboratories)	\$400,000
TOTAL G.O. BONDS	\$ 5,200,000

## QUESTIONS?

#### **Bond Sale Resolution**

#### Kate Pfirman, CPA Chief Financial Officer, DPH

#### **Overview of Georgia PRAMS**

(Pregnancy Risk Assessment Monitoring System)

#### Nicole M Kosacz, MPH MCH Epidemiologist III Manager, DPH

#### In 2014, there were: **130,776** live births in Georgia



Source: https://oasis.state.ga.us/ *We Protect Lives.* 

#### **PRAMS** Provides Context

- Experiences
- Behaviors
- Attitudes

#### **PRAMS Survey Topics**

- Content and source of prenatal care
- Maternal alcohol and tobacco consumption
- Physical abuse before and during pregnancy
- Pregnancy-related comorbidity
- Contraceptive use
- Maternal knowledge of pregnancy-related health issues such as adverse effects of tobacco and alcohol, benefits of folic acid, and risks of HIV

- Surveillance system
- Mixed-mode
- Weighted
- High response rate



- Surveillance system
- Mixed-mode
- Weighted
- High response rate



Safe sleep characteristics by year, GA PRAMS, 2004 - 2012.

Sleep on Back — Not Bedsharing

- Surveillance system
- Mixed-mode
- Weighted
- High response rate



Image: cleverwebpro

- Surveillance system
- Mixed-mode
- Weighted
- High response rate



# Why Weight Data?

#### Population



## Why Weight Data?



# Georgia PRAMS Staff

Director

Coordinator

**Operations/Data Manager** 

2 Interviewers



Baby is born







Birth Certificate Clerk Enters & Submits the BC to Vital Records

We Protect2bives.

Baby is born



Birth Certificate Clerk Enters & Submits the BC to Vital Records

#### Receive data from Vital Records

Baby is born



Birth Certificate Clerk Enters & Submits the BC to Vital Records

Receive data from Vital Records



Sample is drawn



Team enters the data into PIDS & sends Pre-letter







Send Tickler









- Surveillance system
- Mixed-mode
- Weighted
- High response rate


# Georgia PRAMS Response Rate



## We Have Data, Now What?

- Sole source for several MCH indicators
- Monitor changes in MCH indicators over time
- Measure progress towards goals
- Evaluate policies and program activities
- Provide state-level data specific to Georgia
- Allow for comparisons to other states
- Identify groups at high risk
- Investigate emerging issues

## Data-to-Action

Georgia Maternal Tobacco Media Campaign

- Source: PRAMS data 2008-2011
- Variables: Maternal demographics, Smoking during pregnancy
- Results: About 6% (10,000) of Georgia mothers smoke during pregnancy, Tend to be young, very low income, non-Hispanic, White
- Outcome: Media Awareness Campaign

### Media Buy in April of 2014

- Radio from May 5-24, 2014
- Existing, retagged TIPS messages
- Amanda message
- Target women 15-29
- Columbus, Rome, and Waycross Media Markets
- Ran 10-20 messages per week in each location





## **Disseminating PRAMS Data**

- Fact Sheets
- Data Reports
- Journals
- Social Media
- Newsletters
- Podcasts



#### High Blood Press Pregnancy Risk Assess

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Any Diabetes

High Blood Pressure and Pregnancy

High blood pressure (HBP) is a common medical condition that can become a major complication during pregnancy. Chronic Hypertension, pre-eclampsia and pregnancy induced hypertension are related to adverse pregnancy induced inplemension are related to adverse outcomes including preterm delivery, intrauterine growth retardation, fetal death, maternal stroke, maternal heart and kidney failure, and maternal death.<sup>1</sup> High blood pressure during pregnancy is increasingly being encounter the burn in the material death. recognized to have long term adverse consequences to mothers and children <sup>2,3</sup> A recent review showed to mothers and children.<sup>---</sup> A recent review showed a nearly 4-fold greater risk among those with pre-eclampsia compared to those who had normal blood pressure during pregnancy.<sup>3</sup> High blood pressure identified during pregnancy appears to be an early clinical marker of cardiovascular risk and appropriate follow up postpartum may help decrease the burden of heart disease Trends in High Blood Pressure and Pregnancy,



Native American PRAMS Infant Safe Sleep Report, 2012 Volume 1 Issue

Michigan Department of Health and Human Services

#### Infant Safe Sleep Practices: Introduction

According to Centers for Disease Control and Prevention (CDC), each year in the United States, there are about 3,500 Sudden Unexpected Infant Deaths (SUID). The CDC defines SUID as " the death of an infant less than 1 year of age that occurs suddenly and unexpectedly, and whose cause of death is not immediately obvious before investigation" (1). Three common causes of SUID include: Sudden Infant Death Syndrome (SIDS), unknown cause, and accidental suffocation and strangulation in bed (1). National studies have shown that placing infants on their back while they sleep is associated with a lower prevalence of infant mortality due to SUID. As such, the American Academy of Pediatrics (AAP) recommends that babies be placed in a back sleeping position, rather than on their belly or side (5). The AAP also recommends against the use of

pillows and loose blankets in a baby's sleep environment and against bed-sharing with adults

due to the risk of accidental infant suffocation entrapment or strangulation (2,5). Nationwide SUID awareness campaigns have been successful in promoting safe sleep practices. In 2009, 74% of American babies slept on their backs, compared to 27% in 1994, SUIDrelated deaths during this time period dropped by 50%, though the risk for Native American babies

has remained higher than for other population groups as measured in national samples (4). SUID death rates per 100.000 live births for American Indian/Alaska Native (213.3) and non-Hispanic black infants (180.9) were more than twice those of non-Hispanic white infants (88.1)(1).

This summary reports on the prevalence of safe sleep habits among the mothers of Native American babies in Michigan using data collected from the 2012 Michigan Native American Pregnancy Risk Assessment Monitoring Survey (referred to as "Native American PRAMS" throughout).

Native American PRAMS is administered in several states, such as South Dakota, Washington, New Mexico, Oregon, Wyoming and Michigan. Michigan is the first state in which the PRAMS sur vey was sent to the mother of every American Indian/Alaska Native baby born in the state. The Michigan Native American Pregnancy Risk Assessment Monitoring System project is collaborative and endorsed by the Inter-Tribal Council of Michigan, the Great Lakes Inter/Tribal Enidemiology Center, and the Michidan Department of Health and Human Services.





#### Contraception

Contracention 39 (2014) 57-62 Original research article

Variation in postpartum contraceptive method use: results from the Pregnancy Risk Assessment Monitoring System (PRAMS)<sup>22</sup> Kari White<sup>a,\*</sup>, Joseph E, Potter<sup>b</sup>, Kristine Hopkins<sup>b</sup>, Daniel Grossman<sup>c</sup> <sup>4</sup>Holdt Care Organization & Policy, University of Alabama at Berninghum, Barninghum, AJ. 332044, USA <sup>10</sup>Opulation Research Center, University of Trans at Austin, Anstin, TX 78712, USA <sup>10</sup>Depulation Research Center, University of Trans at Austin, Anstin, TX 78712, USA <sup>10</sup>Re Reproductive Floath, Oddahad, CA 94612, USA Received 28 May 2013; revised 5 October 2013; accepted 10 October 2013

Objective: The National Survey of Family Growth has been a primary data source for trends in US women's contraceptive use. However, Objective: The Nukinsi Xiarvy of Family Growth has been a primary data assure for trank in U.S worm? contraceptive sus. However, antionable/ed data may mark differences on a torticeptive practice ranking from variation is local plotics and another. Study Deligne: We used the Pregnancy Risk Assessment Monitoring System, a wavey of voroms who are 2-4 months postpartants. Information on woroms circuit study has a smallable for 18 sporting and small study and the scale of consecutive years of data.

Results: Across states, there was a wide range of use of female sterilization (7.0-22.6%) and long-acting reversible contraception (LARC)

Results: Across states, there was a vide maps of use of founds stratization (*The-22-05*) and long-acting reversible contraception (*TARC*; 137–2555), Other methods, kite vaccencers and the patchbring, had an antrover map of our Norma with Medicalipeid deloriest was more likely in report finale astratization; LASC: and lipicatibles as their medical compared to some with private instance. LASC: and strategiest and the strategiest method and the strategiest method and the strategiest method and the strategiest and the strategiest method and the strategiest and th

Keywords: Postpartum contraception; Long-acting revensible contraception; PRAMS; Contraceptive method min

#### 1. Introductio

Approximately half of pregnancies in the United States are unintended, a figure that has changed little over the last several years [1.2]. One of the reasons for the persistently

relatively high typical-use failure rates, such as oral con-traceptives (OCs) and condoms [3,4]. Although there has been a recent increase in the use of long-acting reversible <sup>36</sup> Funding acknowledgment: Infrastructural support for the study was provided by a grant from the Ennice Kennedy Striver National Institute of Child Health and Human Development (R24 042849) to the Population Research Center, University of Texas at Austin.

contraceptive methods [5]. These figures and much of what is known about trends in US women's contraceptive use comes from one large Corresponding author. University of Alabama at Birmingham, Health Care Organization & Policy, RPHB 320, Birmingham, AL 35294. TeL: +1 nationally representative data set: the National Survey of Family Growth (NSFG). However, national-level data may mask differences in women's contraceptive practice that 205 934 6713; fax: +1 205 934 3347. E-mail address: kuriwhite@uah.edu (K. White).

0010-7824/5 - see front matter © 2014 Elsevier Inc. All rights reserved, http://dx.doi.org/10.1016/j.contracention.2013.10.005

**Pregnancy Risk Assessment Monitoring** System Report on CDC's Winnable Battles Collecting Data in Order to Improve the Health of Mothers and Infants

high rates of unintended pregnancy is that a large percent-age of reproductive aged women rely on methods with

contracentive (LARC) methods, the overall prevalence

remains low; among women at risk of unintended pregnancy, 8.5% are using LARC and 50% rely on other non-permanent







Risk

Assessment

Monitoring

System

# **THANK YOU**

### Nicole Kosacz Nicole.Kosacz@dph.ga.gov



## **Zika Virus Updates**

## Zika Virus: Epidemiology Update

Cherie L Drenzek, DVM, MS State Epidemiologist, DPH

## Introduction: Zika Virus Outbreak

- Zika is an unprecedented public health emergency that poses significant risks to pregnant women.
- This is the first time in >50 years that a virus has been linked to birth defects and poor pregnancy outcomes (first-ever mosquitoborne cause).
- Since May 2015, Zika virus has spread from Brazil to 33 countries in the Americas, and 41 worldwide.
- No local transmission currently in the continental U.S., but 346 travel or sexuallyassociated cases have been reported, including 11 in Georgia (none in pregnant women).



# **DPH** Roles

- 1. Human Surveillance
- Laboratory Testing (GPHL approved for all Zika testing on April 8)
- 3. Inform Prevention and Control Strategies
- 4. Environmental Health: Vector Surveillance/Control
- 5. Communication/Outreach



### *Feb. 10, 2016: DPH Board Meeting...* What Does the Future Hold for Zika Virus?



- Virus will likely continue to spread in areas with competent vectors
- Travel-associated cases may result in some local transmission and outbreaks
- Dengue spread may serve as a model?
- We may gain answers to the unknown questions about congenital transmission, the causal link between infection and microcephaly, the role of sexual transmission, whether and how long couples should delay conception after zika exposure, and the role of other mosquito vectors.
- Learning more every day!

## April 12, 2016: What Have We Learned About Zika Since Then?

- 1. Pathogenesis of Virus
- 2. Spectrum of Clinical Course: Severe Outcomes of Infection
- 3. Role of Sexual Transmission

### 1. Zika Pathogenesis

- Neurotropic virus; infection causally associated with Guillain-Barre Syndrome (400 cases of Zika-related GBS have been reported in 13 countries, including 1 in the U.S.).
- Associated with other Central Nervous System disease: acute myelitis, meningoencephalitis, acute disseminated encephalomyelitis
- Zika virus remains in blood for a week; recent case report of a pregnant women with Zika viremia at 4 weeks and 10 weeks after illness?
- Unknown how long Zika persists in other body fluids (recent report in semen up to 62 days).

### What Else Have We Learned about Zika? Severe Outcomes in Pregnant Women

- 1. Microcephaly:
  - <u>WHO Zika Situation Report, April 7, 2016</u>: "Based on a growing body of preliminary research, there is scientific consensus that Zika virus is a cause of microcephaly and Guillain-Barré syndrome"
  - More than 1,000 cases of microcephaly linked to Zika have been reported in 6 countries
- 2. Range of adverse pregnancy outcomes:
  - Fetal death, placental insufficiency, intrauterine growth restriction, CNS injuries, eye abnormalities

Recommend that pregnant women with Zika infection be handled as highrisk pregnancy. On April 8, CDC rolled out a new national registry to track Zika-infected pregnant women and their infants (up to 12 months after delivery).

## What Else Have We Learned About Zika? Sexual Transmission

- Sexual transmission is more common than expected (7 cases documented so far in the U.S.).
- Spread from infected men who had traveled to Zika-affected areas to their sexual partners.
- All men had symptoms of Zika infection (fever, rash, conjunctivitis, etc.)
- The virus can be spread before symptoms start, when the man has symptoms, and after symptoms resolve.
- To date, we have not seen zika transmission from a woman during sex.

### **Epidemiology Informs Prevention and Control**

Strategies for three priority populations

- 1. Travelers to Zika-affected areas
- 2. Pregnant Women (and their sexual partners)
- 3. Infected (or Unknown) Travelers Returning Home to Georgia

## Zika Virus Prevention + Control



For Travelers to Affected Areas:

- Travelers should check CDC travel advisories for their destinations
- Primary prevention measure is to reduce mosquito exposure there (DEET repellents, sleeves, screens, etc.)
- New: More Targeted Risk: Minimal Likelihood for Mosquito-Borne Zika Virus Transmission at Elevations Above 2,000 meters (6500 ft)
- Asymptomatic male travelers and their partners should delay conception for 8 weeks after return.

# Zika Virus Prevention + Control



### For Pregnant Women

- Pregnant women should not travel to areas with ongoing Zika virus outbreaks (particularly areas <6,500 ft elevation)</li>
- Use precautions to reduce chance of sexual transmission if partner has traveled
- If trying to conceive, should delay for 8 weeks after symptoms or travel (for either partner). Men with zika infection/symptoms should not have unprotected sex for 6 months.

## Zika Virus Prevention + Control

For Infected (or Unknown) Travelers Returning Home

- Most important is to reduce risk of infecting local mosquitoes
- Zika-infected (or suspect) persons should guard against additional mosquito bites during first week of illness if symptomatic or 3 weeks after travel if not symptomatic to prevent further transmission.
- Practice mosquito reduction techniques around the home.
- Delay blood donation for one month; FDA guidelines for screening, deferral.



## Zika Epidemiology: What We Still Don't Know



- How often are fetuses infected by Zika virus?
- What proportion of fetuses with Zika virus will have birth defects?
- When during a woman's pregnancy is the fetus most vulnerable?
- What is the full range of poor pregnancy outcomes associated with Zika?
- How long does Zika persist in urine and semen?
- Is it shed intermittently or steady?
- Can women transmit Zika during sex?
- Can Zika viremia be longer in pregnant women?
- Which U.S. states, with certainty, may be affected by local transmission of Zika?

# **Closing Comments**



- 1. Zika is a serious public health problem requiring urgent action
- 2. Epidemiology points our way to practical mitigation and prevention (travel history, identification of population at highest risk, most serious risk is to developing fetus, how to prevent sexual transmission, etc.)
- 3. KEY IS REDUCING RISK IN PREGNANT WOMEN
- 4. We will continue to learn more every day!

## Zika Virus: Environmental Health Update

Chris Rustin, DrPH, MS, REHS Environmental Health Section Director, DPH



### Georgia is a big state!



### Mosquitoes & the EXOTIC Diseases they Transmit

### **Mosquito Species**

- Aedes aegypti
- Aedes albopictus



### **Disease Organism**

- Chikungunya
- Dengue
- Zika

#### Transmission



### Aedes (Stegomyia) spp Container Breeders

### <u>Ae aegypti</u>

- Associates closely with people
- Primary vector of a number of viruses
- Urban mosquito
- Daytime biting mosquito

### <u>Ae albopictus</u>

- Aggressive, daytime biting mosquito
- Associated with used automobile tires
- Native to the tropical and subtropical areas of Southeast Asia
- Broader host selection





### Importance of Surveillance

### Ae aegypti and Ae albopictus

- Limited surveillance data for Georgia
- Georgia has the habitat and climate to support *Ae aegypti* (primary vector)
- Mosquito surveillance drives decision making when compared to locations of known human travel related cases
- Data is useful with potential emergence of other novel arboviral diseases
- •The goal of mosquito-based surveillance is to quantify human risk by determining local vector presence and abundance

#### CDC's Response to Zika ESTIMATED range of *Aedes albopictus* and *Aedes aegypti* in the United States, 2016\*



### Mosquito Species Associated with Zika Virus

- At least nine *Aedes* species have been found infected with Zika virus in Africa and the Pacific. These include:
  - Species from the Stegomyia group: Ae. africanus, Ae. aegypti\*, Ae. albopictus\*, and Ae. luteocephalus \*, Ae. hensilli \* and Ae. polynesiensis
  - A species from the Aedimorphus group: Ae. vittatus\*
  - Species from the Diceromyia group: Ae. furcifer, Ae. taylori
  - Aedes species currently known to be most important in the transmission of Zika to people are species from the Stegomyia group: Ae. aegypti, Ae. albopictus, Ae. hensilli and Ae. polynesiensis ^.
  - Researchers found evidence that *Aedes albopictus* was responsible for carrying the disease in Gabon in 2007, and scientists in Singapore have been able to infect *Aedes albopictus* with Zika in a lab.

\*Species with proven salivary transmission of the Zika virus.

^ Aedes aegypti and Ae. albopictus are the only members of the Stegomyia group found in the Americas, but there is also a member of the Aedimorphous group that is common in the US, the floodwater species Aedes vexans.

### **Controlling Asian Tiger Mosquitoes**

- The Asian tiger mosquito, *Aedes albopictus*, has a life cycle that is closely associated with human habitat, and it breeds in any type of container that is holding water, including:
  - Tires
  - Flowerpot saucers
  - Rain barrels
  - Fallen magnolia (and other large) leaves
- It is a daytime feeder and can be found in shady areas where it rests in shrubs near the ground.
- Aedes albopictus feeding peaks in the early morning and late afternoon
  - It is an opportunistic and aggressive biter
  - It has a wide host range including man, and domestic and wild animals.

### Where is the Highest Risk?

- Aedes albopictus is found everywhere in Georgia
- This is one of Georgia's top pest species after the saltmarsh mosquitoes
- Because it feeds on a variety of hosts, the greatest risk of disease transmission occurs in urbanized areas where humans are the most abundant host

### The Role of Environmental Health (EH) Zika Virus Prevention + Control

### Public Health Entomologist

- Vector Control and SME
- Mosquito Surveillance for Arboviruses
- Public Education and Enhanced Communication

### Surveillance

- Workforce:
  - Dr. Rosmarie Kelly, PhD, MPH
  - DPH Vector Surveillance Coordinators
    - Hiring process
    - Training
  - EH EP Strike Teams, 6 teams of 6 EH
- Equipment
  - Mosquito Surveillance Trailer
  - Traps, Microscopes, Backpack Sprayers, etc.













#### **Vector Surveillance Coordinator**

Position has primary responsibility to conduct and coordinate mosquito surveillance for arborviral diseases such as West Nile Virus, Eastern Equine Encephalitis, Lacrosse Encephalitis, Zika and other arboviral diseases in a multi-county region. Duties will include

- establishing surveillance locations throughout the PH Districts,
- setting up traps and collecting mosquitos,
- mosquito identification,
- · community assessments, and
- education programs.
- When necessary, coordinate mosquito control activities with existing city/county/contracted mosquito control agencies and assist with localized control efforts.



## **Environmental Health Education**

- Home/Community Clean up and Personal Prevention Campaign
  - Tip 'n Toss
  - Personal Prevention
  - Banners
- Partners
  - Public Health Districts and local EHS
  - ACCG and GMA
  - Media: Radio, Print, TV
  - GEMA
  - GMCA





#### **Message for the Public**

#### Practice the 5 Ds

- 1. Dispose get rid of anything you don't need that can hold water
  - a. Cleanup containers around your house
  - b. Cleanup containers in your neighborhood (Community clean up)
- 2. Drain dump out containers after every rain
  - a. Tip and Toss containers after each rainfall
  - b. Don't put saucers under your outdoor plants
  - c. Use larvicides (Mosquito Dunks<sup>©</sup> or Mosquito Torpedoes<sup>©</sup>) where you can't dump out water
- 3. DEET wear repellent when outdoors
  - a. Follow label directions
  - b. Apply when outdoors
- 4. Dress wear light-weight long sleeves and long pants
- 5. Daytime be aware of mosquitoes that bite during the day
  - a. Asian tiger mosquitoes bite during the day
  - b. They also bite at dawn and dusk

## **Environmental Health Localized Response**

### Work Directly with Local Partners with Controlling Aedes Species (albopictus and aegypti) in a Focused Area

#### **Action Triggers: Locally-acquired Zika**

CDC Guidelines for Risk Based Zika Action Plans

Focus on a positive sample location (Local Transmission) or other area of concern and provide elevated control and education radiating out 150-yard radius and approximately 5 or more blocks or possibly county wide if Widespread Local Transmission.

#### **These Elevated Controls Include:**

- Inform Local Mosquito Control
- Surveillance and Testing
- Public Education TIP 'n TOSS
- Door-to-Door Inspections and Education

#### Other Control Measures Would Include Mosquito Population Suppression

- Larviciding (backpack and dunks)
- Barrier sprays for adults
- Possible ULV spraying if wide spread

Note: ULV adulticiding is not very effective for *Aedes albopictus* 



## Zika Virus: Communications Update

Nancy Nydam Communications Interim Director, DPH

# Zika Airport Campaign

- Launch March 18
- Protect and Prevent
- Three-pronged approach
  - Outbound travel
  - Returningtravelers
  - Airport shops



# **ZIKA VIRUS** Protect & Prevent

PROTECT yourself from mosquito bites PREVENT the spread of ZIKA infection

#### HEADING TO ONE OF THESE COUNTRIES?

- Use EPA registered insect repellents containing DEET (available in shops on the concourse).
- Use while you travel and for **three** weeks after returning home.
- Wear protective clothing (long sleeves, long pants and socks).
- Stay in places with air conditioning or window and door screens.
- Sleep under a mosquito net.

Find out what it takes to stop Zika Please visit dph.georgia.gov/zika

The Aedes aegypti

mosquito spreads

Zika virus which

can cause serious

health issues.



DON'T LET THIS BAD BUG BITE YOU

#### HEADING TO ONE OF THESE COUNTRIES?

- Use EPA registered insect repellents containing DEET (available in shops on the concourse).
- Use while you travel and for three weeks after returning home.
- Wear protective clothing (long sleeves, long pants and socks)
- Stay in places with air conditioning or window and door screens.
- Sleep under a mosquito net.

Find out what it takes to stop Zika Please visit dph.georgia.gov/zika

- 14 domestic and international concourses
- Countries with ongoing Zika transmission
- EPA registered insect repellents with DEET sold on the concourse
- Wear long sleeves, pants
- Air conditioning or screened in locations
- Use a mosquito net

IF YOU ARE RETURNING FROM THESE COUNTRIES, YOU MAY HAVE

## ZIKA VIRUS AND NOT KNOW IT.

# Protect & Prevent

- To prevent spreading Zika to others, avoid mosquito bites.
- Use **EPA** registered insect repellents containing **DEET** for **three** weeks after returning home.
- Wear protective clothing (long sleeves, long pants and socks).
- **Tip 'n Toss** standing water around your home and yard after it rains.

The Aedes aegypti mosquito spreads Zika virus which can cause serious health issues.

Find out what it takes to stop Zika Please visit dph.georgia.gov/zika



YOU MAY HAVE Z X A V R U S AND NOT KNOW IT.

### **Protect & Prevent**

To prevent spreading Zika to others, avoid mosquito bites.
Use EPA registered insect repellents containing DEET for three weeks after returning home.
Wear protective clothing (long sleeves, long pants and socks).
Tip 'n Toss standing water around

Find out what it takes to stop Zika Please visit dph.georgia.gov/zika

your home and yard after it rains.

You may have Zika and not know it

- Avoid mosquito bites
- EPA registered insect repellents with DEET for 3 weeks
- Wear long sleeves, long pants
- Tip 'n Toss containers that collect water around your home and yard



# Zika Airport Campaign



# Zika Airport Campaign

- Store signage
   60 shops
- Handout with detailed information about use of EPA registered products with **DEET** or alternatives



# Zika Community Campaign

- Statewide satellite media tour March 29
   26 radio and TV stations, 2.1 million people
- Request to radio and TV meteorologists to remind people to Tip 'n Toss
- Social media messaging for Facebook and Twitter
- Protect and prevent letters
  - Colleges and universities
  - K-12 (DOE)
  - Faith-based community
  - State parks and recreation areas
- Articles for ACCG, GMA, PHInsider
- Keep Georgia Beautiful campaign

# Zika Community Campaign





# **Closing Comments**

### Phillip Williams, PhD Chair

### The next Board of Public Health meeting is currently scheduled on Tuesday, May 10, 2016 @ 1:00 PM.

To get added to the notification list for upcoming meetings, send an e-mail to <u>huriyyah.lewis@dph.ga.gov</u>