



# ADOLESCENT HEALTH: STATE OF THE STATE

Adolescent Health Conference  
June 5th, 2019

# OBJECTIVES

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- Discuss adolescence as a developmental phase and the impact disparities have on adolescents
- Describe barriers adolescents face in accessing health and social services
- Compile resources and strategies to improve health services for adolescents

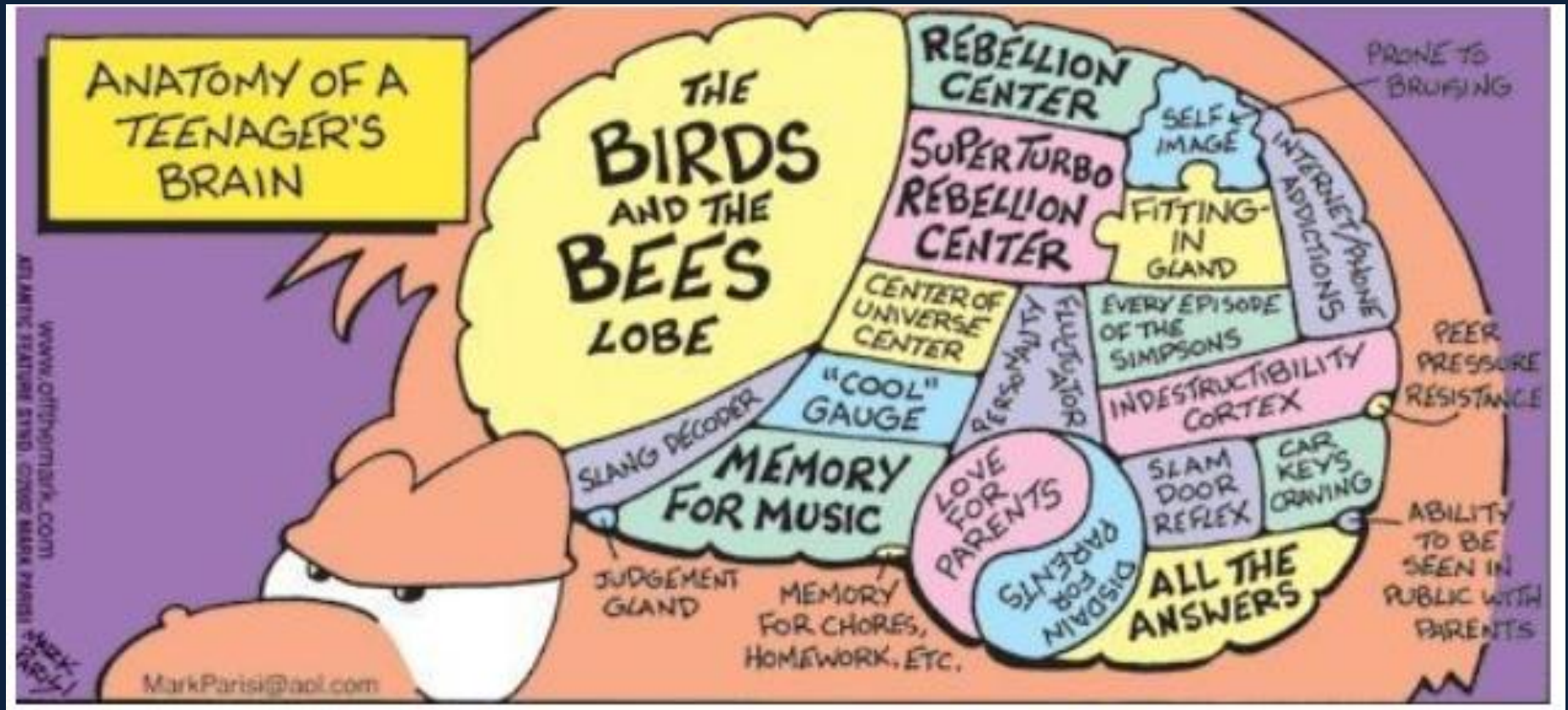
# ARIZONA FAMILY HEALTH PARTNERSHIP



Dedicated to making reproductive healthcare education available and accessible to all women, men and teens in Arizona.

- Began receiving the Title X grant in 1983, which provides comprehensive family planning services even if clients lack health insurance or money.
- In 2018, AFHP's 34 health center sites served more than 35,000 individuals, including more than 6,700 teens.

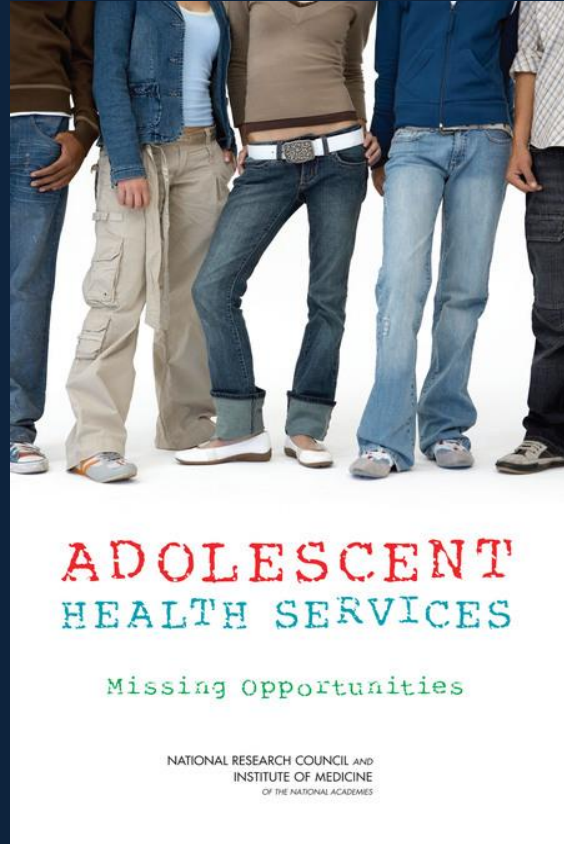
# WHAT IS ADOLESCENCE?



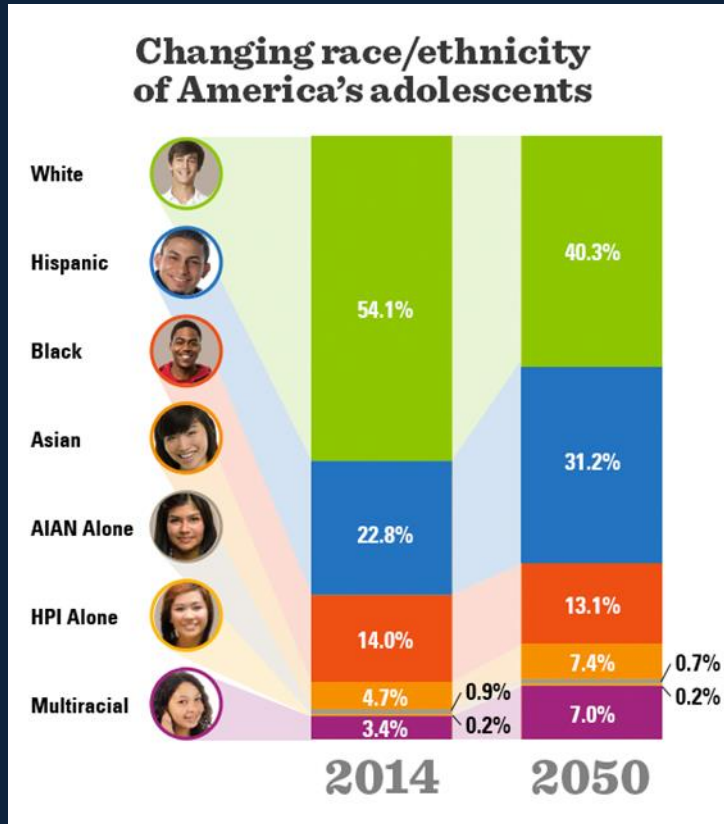
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# WHY FOCUS ON ADOLESCENTS?

# WHY ARE ADOLESCENTS UNDERSERVED?



# THE UNDERSERVED OF THE UNDERSERVED



PLUS+

- Youth in Poverty
- Gender and Sexual Minority Youth

Source: Current Population Survey: Projected Population by Single Year of Age, Sex, Race, and Hispanic Origin for the United States: 2014 to 2060.

# INTERSECTIONALITY

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A      Age/Generation  
D      Disability  
R      Religion  
E      Ethnicity/Race  
S      Social Status  
S      Sexual Orientation  
I      Indigenous Heritage  
N      National Origin  
G      Gender Identity

Hays, 1996



# BARRIERS TO QUALITY HEALTH AND SOCIAL SERVICES FOR ADOLESCENTS

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- Current model of healthcare/ Limited availability of age-appropriate services
- Limited number of health professionals trained in adolescent health
- Limited competency requirements for working with adolescents
- Insurance/ Affordability of health services
- Transportation issues
- Cultural and language barriers
- Discomfort or lack of understanding about adolescent health services
- Confidentiality of health services
- Media Misinformation/ Health Literacy
- Limited flexibility, visibility, and coordination of comprehensive youth-friendly services

# WHAT DO YOU KNOW ABOUT ARIZONA YOUTH?

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# ARIZONA ADOLESCENTS

- As of 2017, there were around 1.4 million youth aged 10-24 in Arizona
- 51% are male while 49% are female
- 43% are White and 42% are Hispanic/Latino
- Of all Arizona children, nearly one in five live in poverty
- 78% of students graduate high school within 4 years. 5% dropout of school



# VACCINATION COVERAGE

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## TRUE OR FALSE?

In order to maintain herd immunity, MMR coverage has to be at 95%. In Arizona, teen rates are below this.

# VACCINATION COVERAGE

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**TRUE.**  
**It is just over 82%**

# SEXUAL ACTIVITY

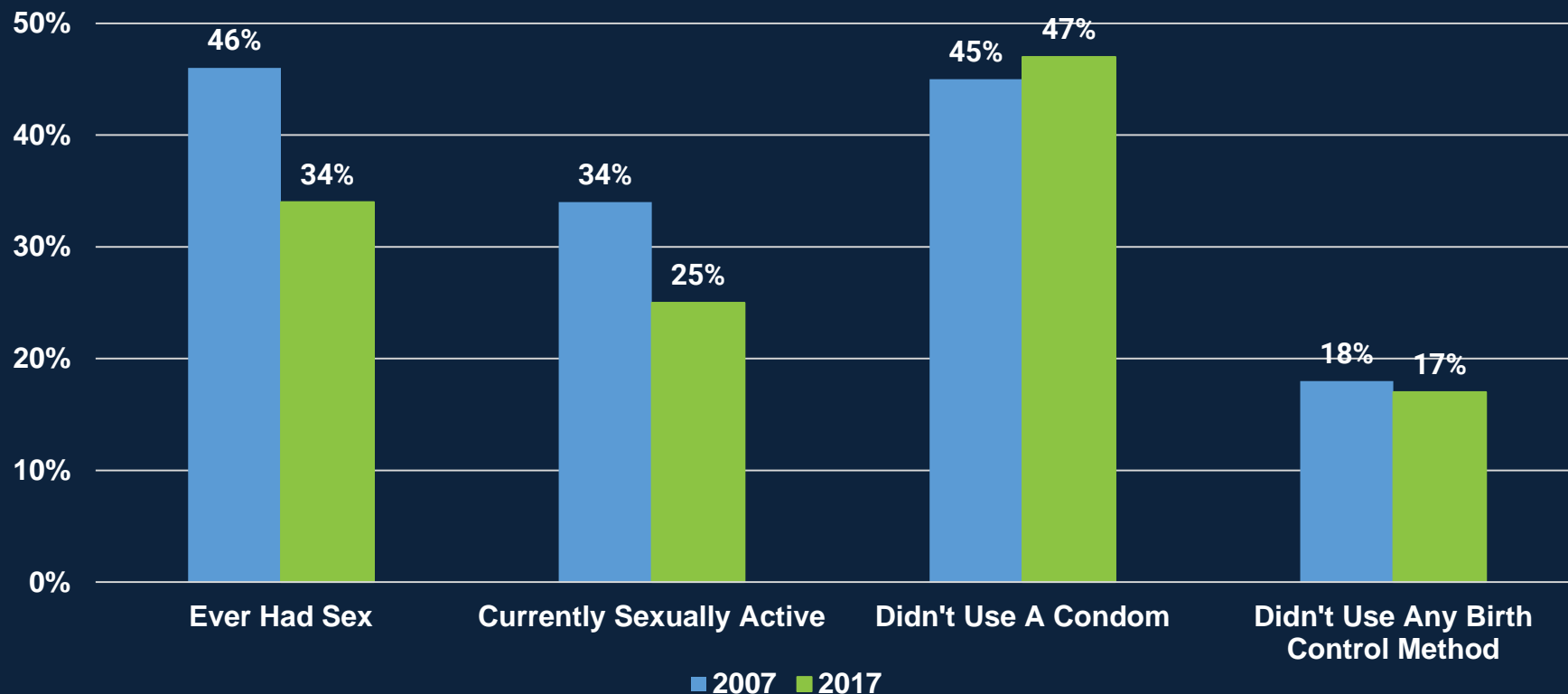
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## TRUE OR FALSE?

In Arizona, the percentage of high school and middle school students who have ever had sex decreased from 2007 to 2017.

# SEXUAL ACTIVITY

## YRBS Arizona Sexual Behavior Responses, 2007 - 2017



# SEXUALLY TRANSMITTED INFECTIONS

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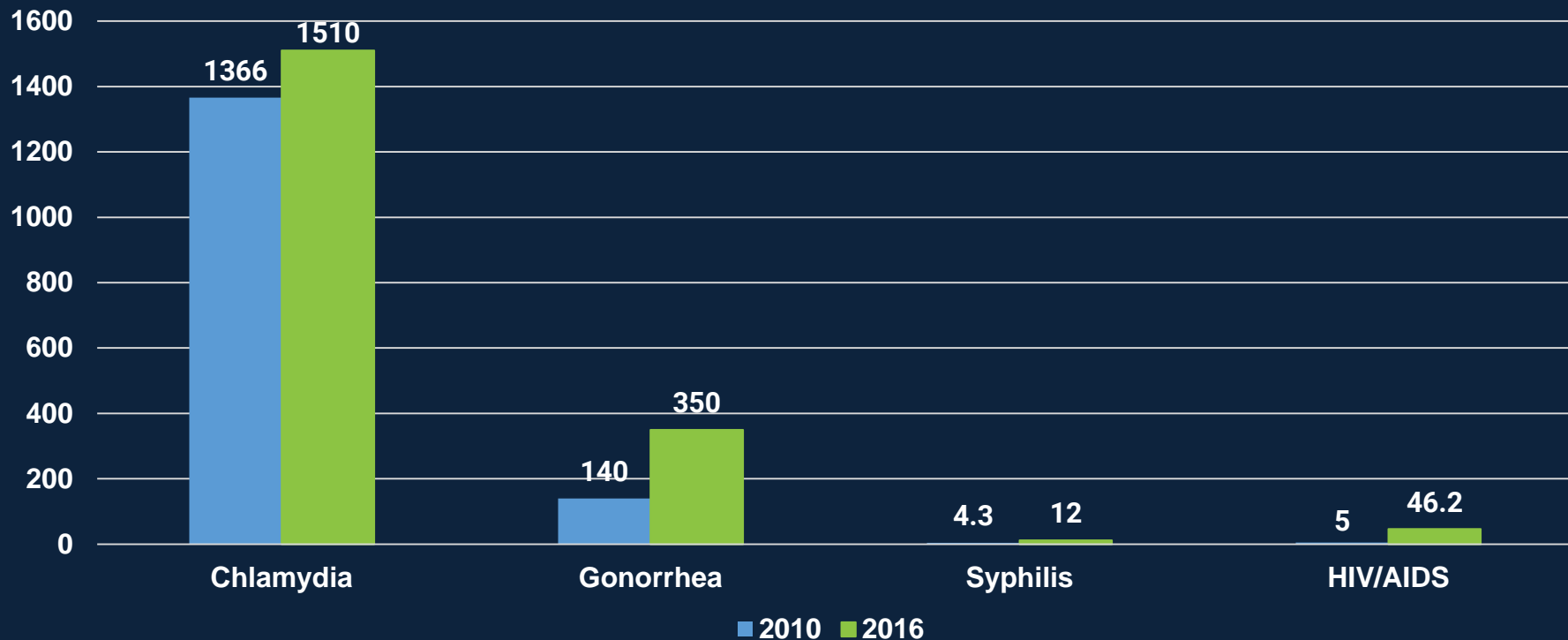
## TRUE OR FALSE?

The population with the majority of STI cases in Arizona are those aged 10-24.



# SEXUALLY TRANSMITTED INFECTIONS

## STI Rates per 100,00 for Population Ages 10-24 in Arizona, 2006 - 2016



Sources: ADHS 2016 STD Report <https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/disease-integrated-services/std-control/reports/2016-std-annual-report.pdf> & ADHS 2010 STD Report <https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/disease-integrated-services/std-control/reports/2010-std-annual-report.pdf> & ADHS HIV Report 2017 <https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/disease-integrated-services/hiv-epidemiology/reports/2017/annual-report.pdf> & ADHS HIV Report 2011 [https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/disease-integrated-services/hiv-epidemiology/reports/2011/2010\\_COUNTY\\_INCIDENCE.pdf](https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/disease-integrated-services/hiv-epidemiology/reports/2011/2010_COUNTY_INCIDENCE.pdf)

# TEEN PREGNANCY

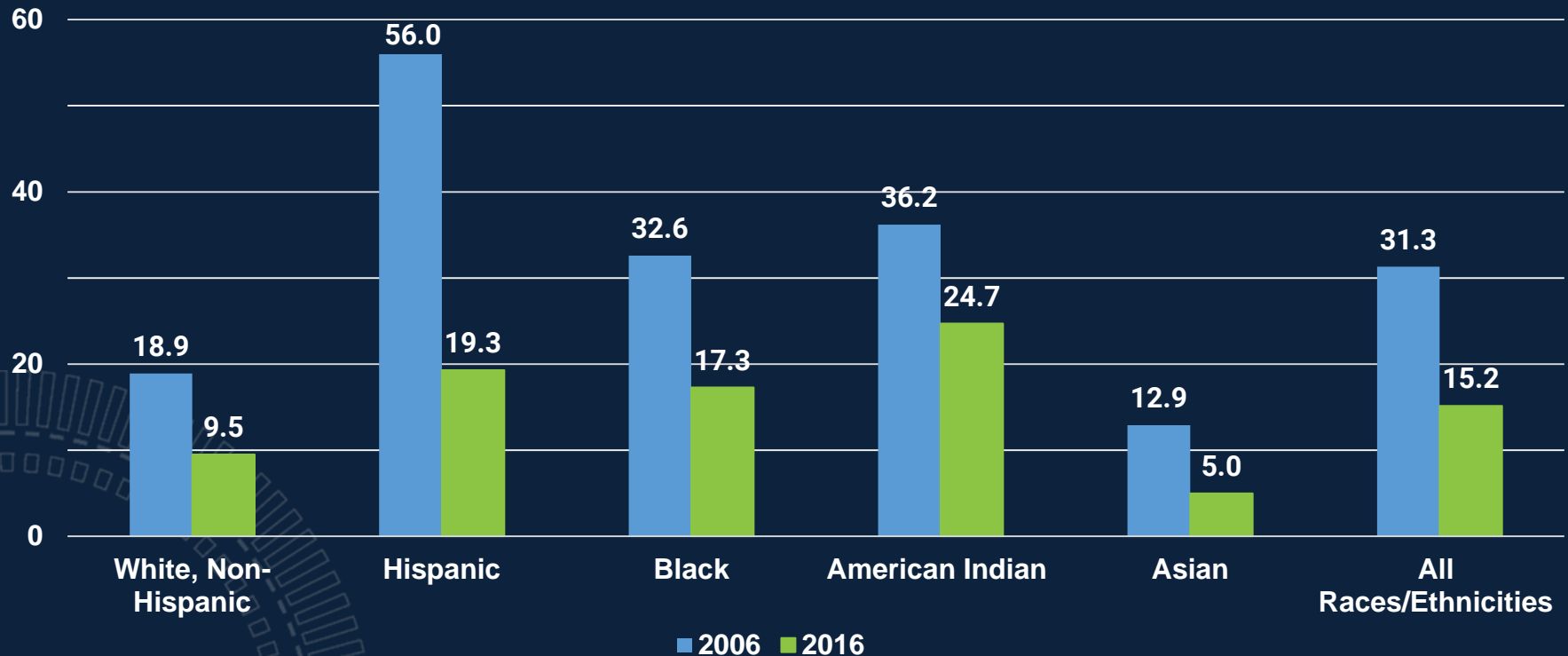
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## TRUE OR FALSE?

As of 2013, there were more than 10,000 pregnancies among teens age 15 to 19 in Arizona.

# ARIZONA TEEN PREGNANCY RATES

## Teen Pregnancy Rates (19 Years and Younger) per 1,000 by Race/Ethnicity, Arizona 2006 - 2016



# SUBSTANCE ABUSE

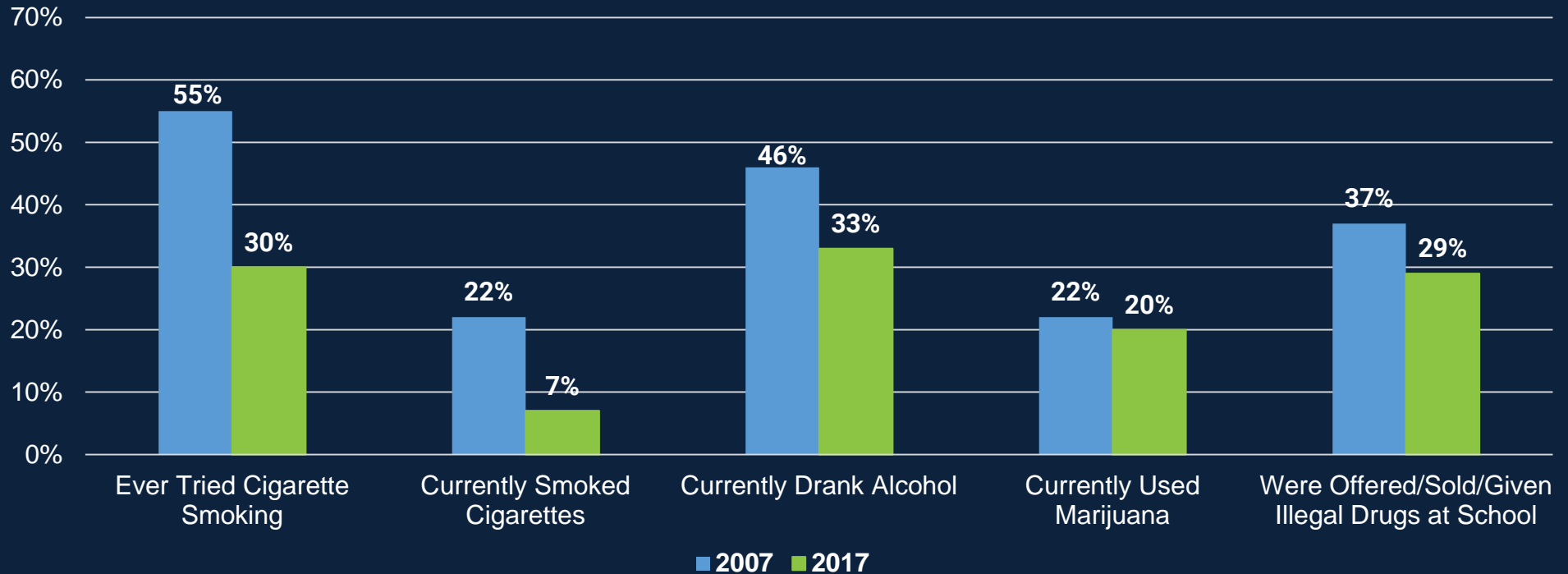
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## TRUE OR FALSE?

As of 2017, both the rates of current cigarette smoking and alcohol use decreased.

# SUBSTANCE ABUSE

## YRBS AZ Tobacco, Alcohol, & Other Drug Use Responses, 2007 - 2017



# MENTAL HEALTH

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## TRUE OR FALSE?

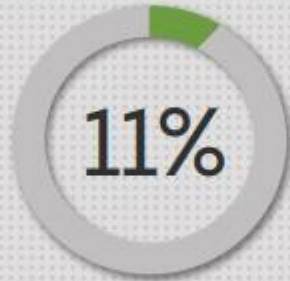
Half of all mental health disorders in adulthood start by age 14.

# MENTAL HEALTH

Fact: 1 in 5 children ages 13-18 have, or will have a serious mental illness.<sup>1</sup>



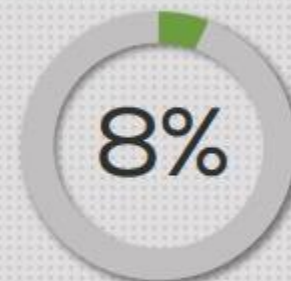
20% of youth ages 13-18 live with a mental health condition<sup>1</sup>



11% of youth have a mood disorder<sup>1</sup>



10% of youth have a behavior or conduct disorder<sup>1</sup>



8% of youth have an anxiety disorder<sup>1</sup>

# DEPRESSION AND SUICIDE

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## TRUE OR FALSE?

Suicide is the fifth leading cause of death in youth ages 15-19 in Arizona.



# DEPRESSION AND SUICIDE

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FALSE. It is the 2<sup>nd</sup> leading cause

The following were higher than national averages:

- 11% of students in Arizona attempted suicide
- 5% of students in Arizona had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse

# CDC'S YOUTH RISK BEHAVIOR SURVEY

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Arizona students reported higher rates than the U.S. in these categories:

- Did not eat breakfast
- Feeling sad or hopeless
- Attempted suicide
- Suicide attempt resulted in injury, poisoning, or overdose that had to be treated medically
- Ever used an electronic vapor product
- Reported current binge drinking
- Were offered, sold, or given an illegal drug on school property

# ADOLESCENT CHAMPION MODEL

## Adolescent Health Initiative



The Champion model is a multi-faceted intervention to address a health center's environment, policies, and practices to ensure that all aspects of a visit to the health center are youth-centered.

# ADOLESCENT CHAMPION MODEL



- Identify Adolescent Champion Teams

- Complete comprehensive health center assessment

- Conduct innovative trainings with Adolescent Champion teams, Champion teams train health center staff

- Participate in Maintenance of Certification Part IV quality improvement project

- Impact patient, provider, staff, and health center outcomes

# ARIZONA'S ADOLESCENT CHAMPION MODEL

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- Dr. Vinny Chulani, Section Chief of Adolescent Medicine at Phoenix Children's Hospital
- Participating Health Centers include Mountain Park's Gateway Clinic, Maricopa Integrated Health System's Comprehensive Health Center, and Chiricahua Community Health Centers Mobile Unit.
- Recruiting for Cohort 2 scheduled to begin in July.

# HEALTH EXPERTS, MEET TEEN EXPERTS



# ACHIEVING QUALITY HEALTH SYSTEMS FOR ADOLESCENTS

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- Availability
  - Affordability
  - Confidentiality
  - Visibility
  - Flexibility
  - Coordination
  - Quality
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# QUESTIONS?

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# THANK YOU!

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Presentation developed by:  
Dr. Vinny Chulani, Tracy Pedrotti  
& Bari Sprecher