



**MISSISSIPPI STATE UNIVERSITY**™  
SOCIAL SCIENCE RESEARCH CENTER

# An Update from Mississippi Tobacco Data

29 September, 2017



  
**MISSISSIPPI**  
TOBACCO DATA

# Tobacco Control Policies

# 100% Smoke-free COMMUNITIES in Mississippi

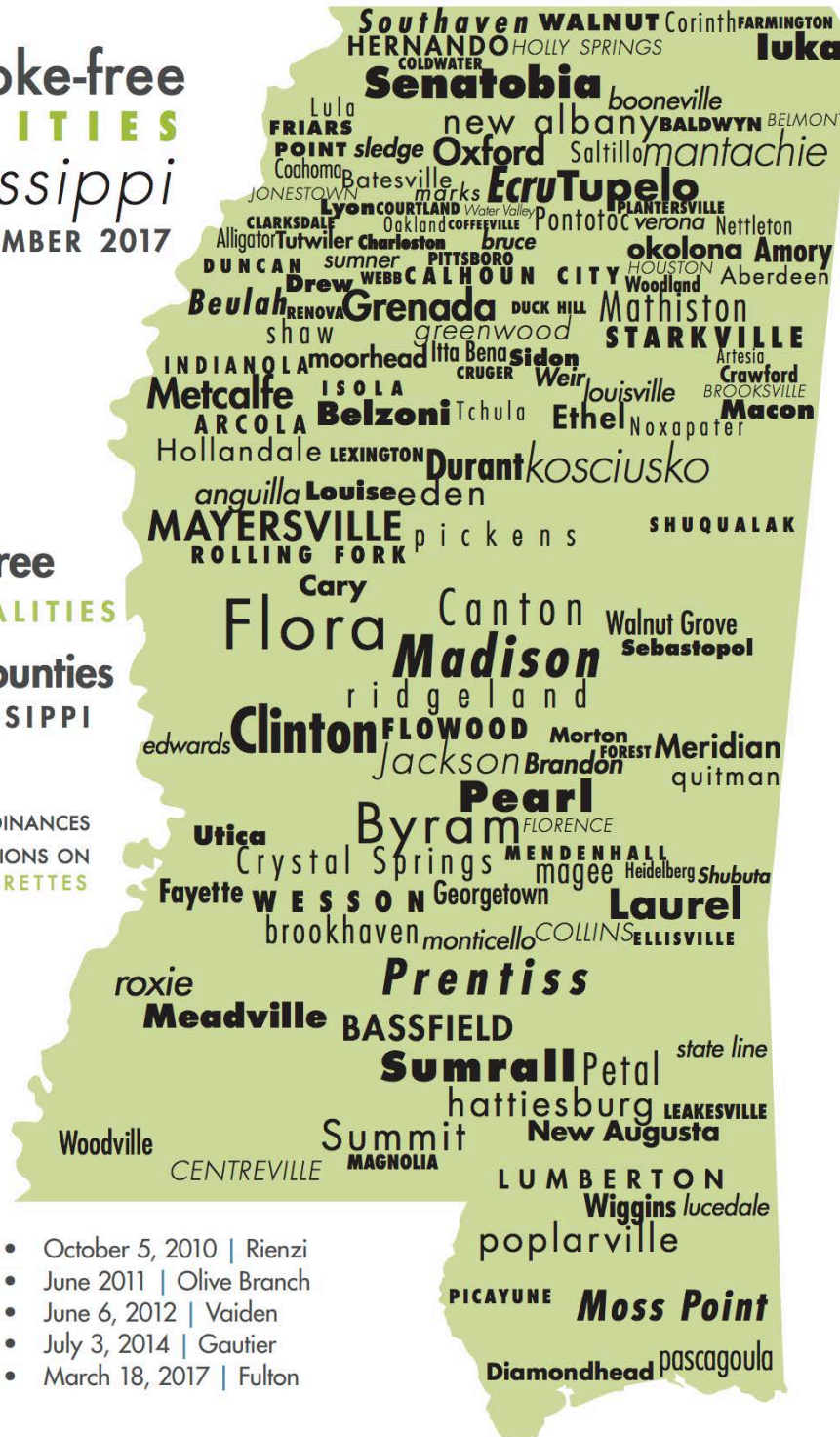
UPDATED | SEPTEMBER 2017

There Are **142** Smoke-Free  
MUNICIPALITIES  
and **(3)** Smoke-Free Counties  
IN MISSISSIPPI

\* **101** OF WHICH HAVE ORDINANCES  
THAT INCLUDE RESTRICTIONS ON  
ELECTRONIC CIGARETTES

## Partial Smoke-free COMMUNITIES in Mississippi

- August 6, 1996 | West
- October 2007 | Greenville
- November 15, 2007 | McComb
- May 1, 2008 | Gulfport
- July 31, 2008 | Walls
- January 6, 2010 | Columbus
- June 3, 2010 | Goodman
- October 5, 2010 | Rienzi
- June 2011 | Olive Branch
- June 6, 2012 | Vaiden
- July 3, 2014 | Gautier
- March 18, 2017 | Fulton



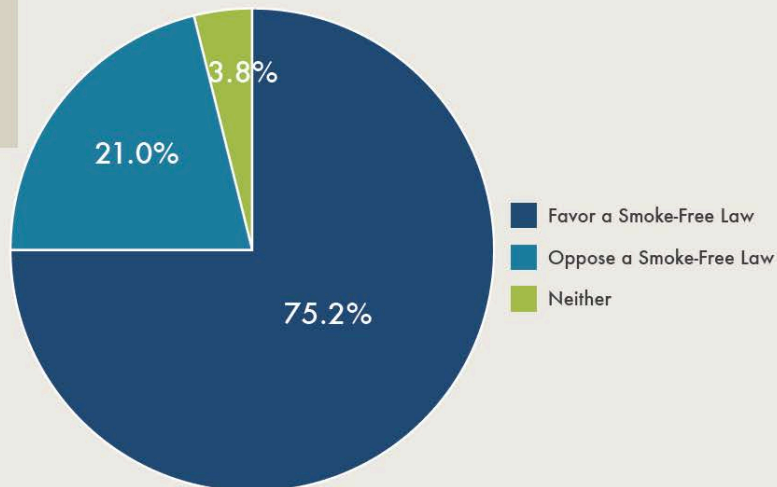
# 2016 Mississippi Social Climate Survey of Tobacco Control

SUPPORT FOR SMOKEFREE AIR | MARCH 2017

Results from the most recent Social Climate Survey demonstrate **strong support** for smoke-free air in Mississippi.

- More than three-quarters of Mississippi adults (75.2%) favor a state law prohibiting smoking in most indoor places, including workplaces, public buildings, offices, restaurants, & bars.
- Only 21.0% of Mississippi adults oppose a state law.
- 52.1% of smokers support a state law compared to only 42.9% who are opposed.
- Republicans (79.5%) and Democrats (75.5%) are equally supportive of a state law.

Would you favor or oppose a law in Mississippi prohibiting smoking in most public places, including workplaces, offices, restaurants, and bars?



2017 • mississippi tobacco data

# Raising <sup>the</sup> age of sale <sup>of</sup> for tobacco

**75%** of Mississippi Adults support this policy

to **21** in Mississippi



Cities and states across the United States have raised or are considering raising the age of purchase for tobacco to 21.

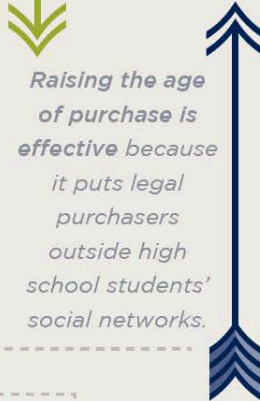
## Public Support among MS Adults {for Raising Age of Purchase to 21}



This study demonstrates broad public support for raising the sales age of tobacco to 21 among Mississippi adults.



*This policy decreases teen smoking by making it harder to get tobacco products for minors.*

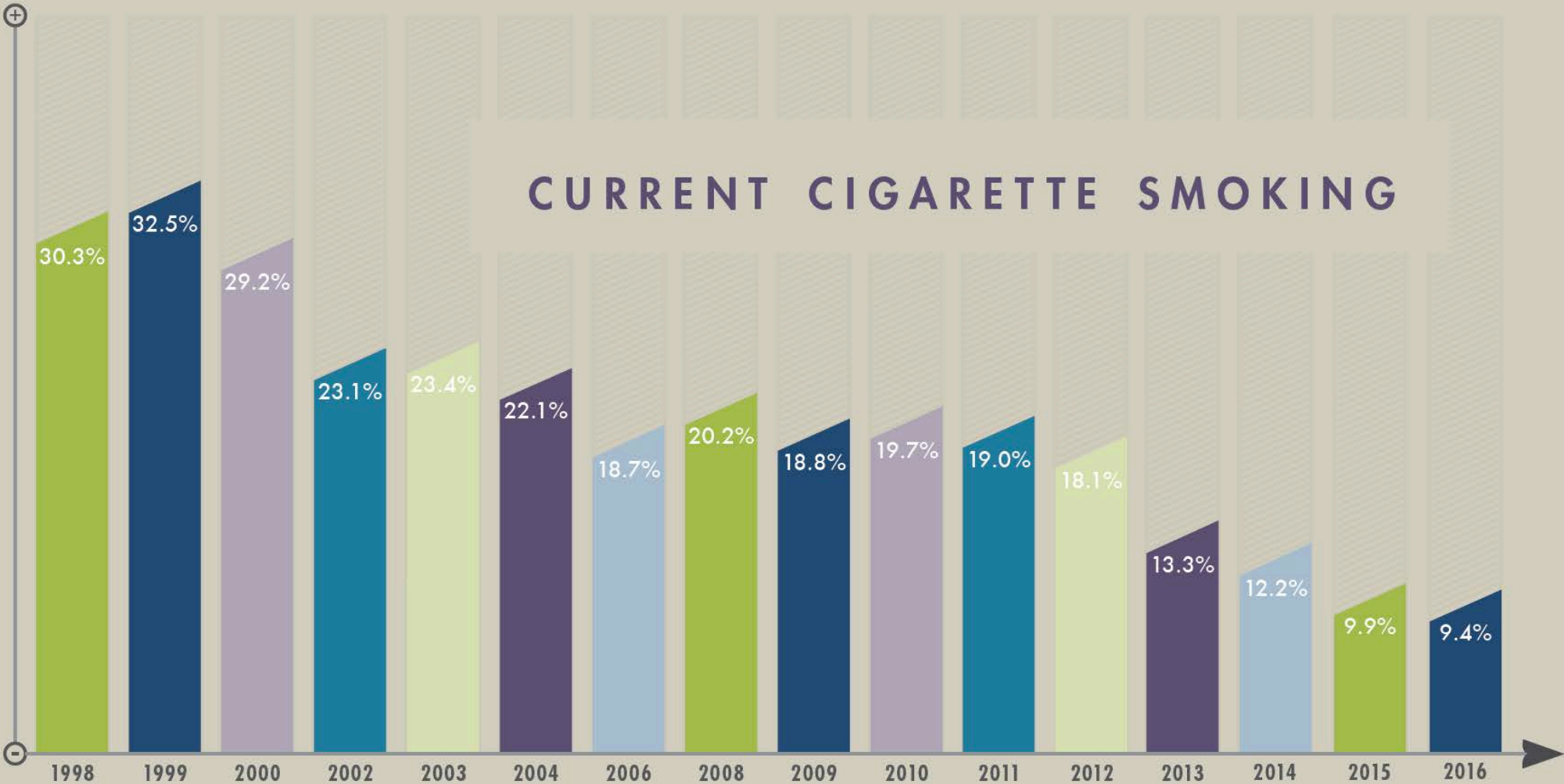


*Raising the age of purchase is effective because it puts legal purchasers outside high school students' social networks.*

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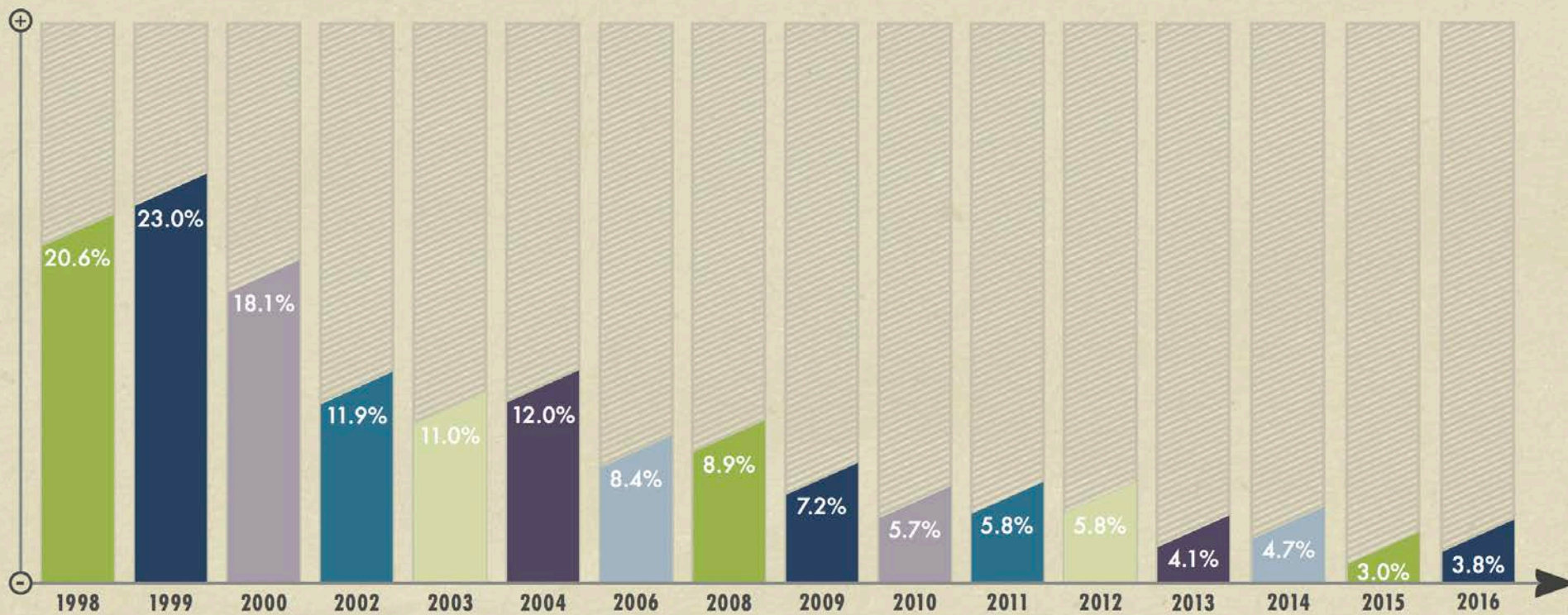
# Tobacco Use in Mississippi

# CURRENT CIGARETTE SMOKING



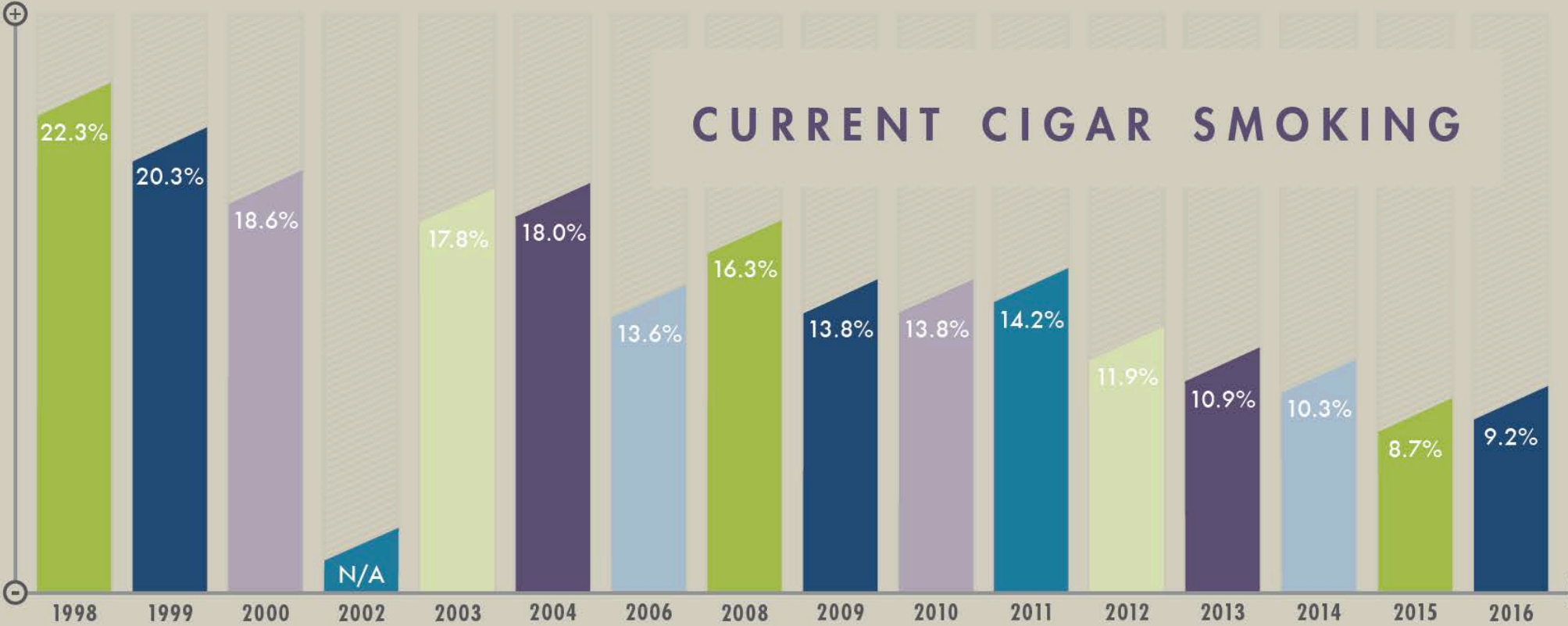
# current cigarette smoking

MS PUBLIC MIDDLE SCHOOLS

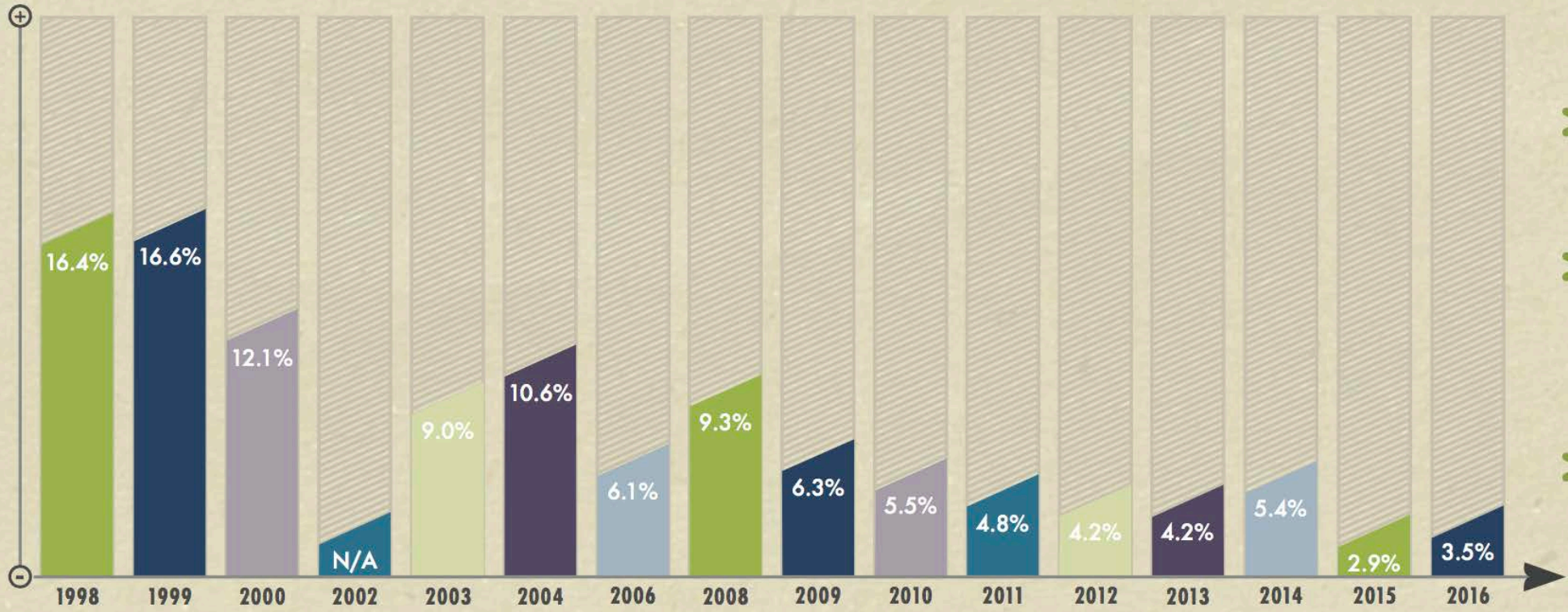




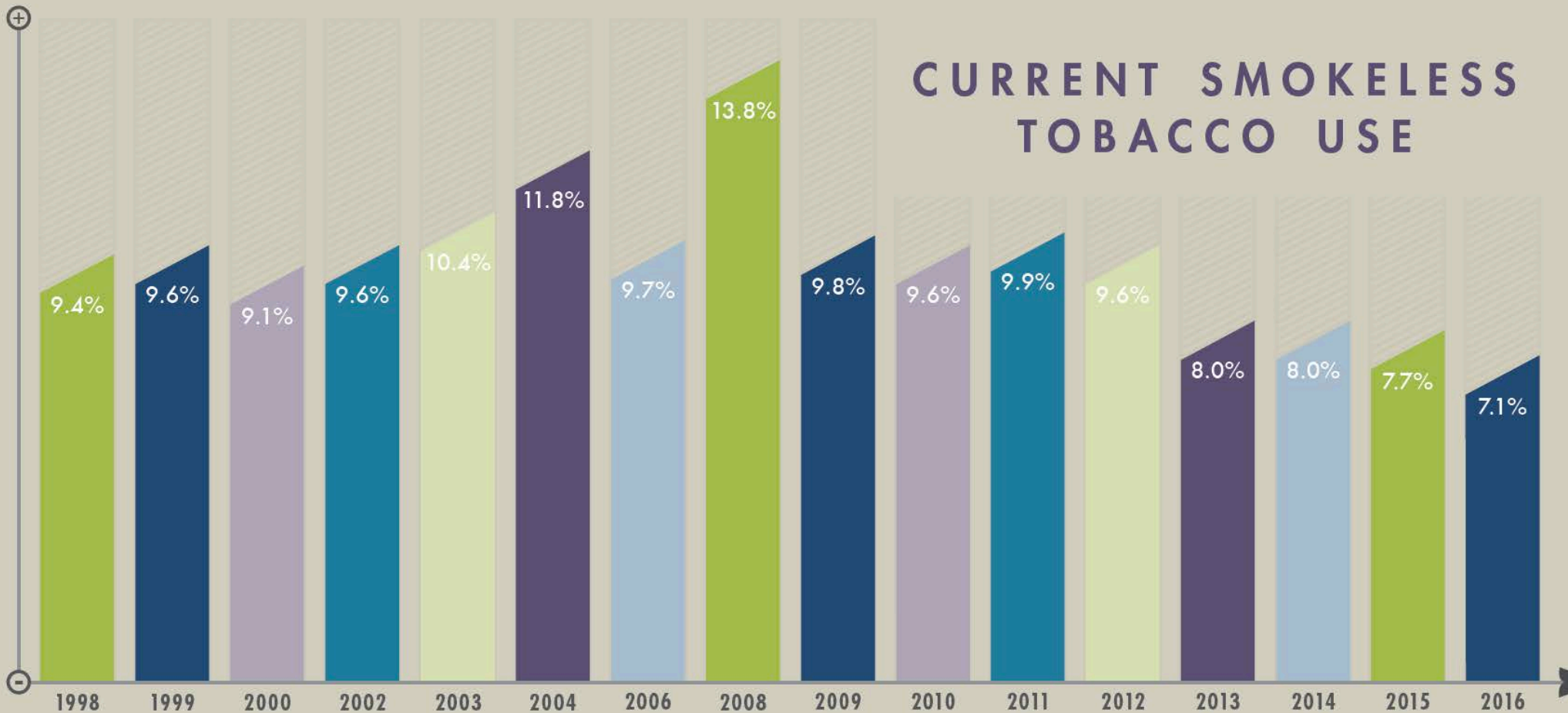
# CURRENT CIGAR SMOKING



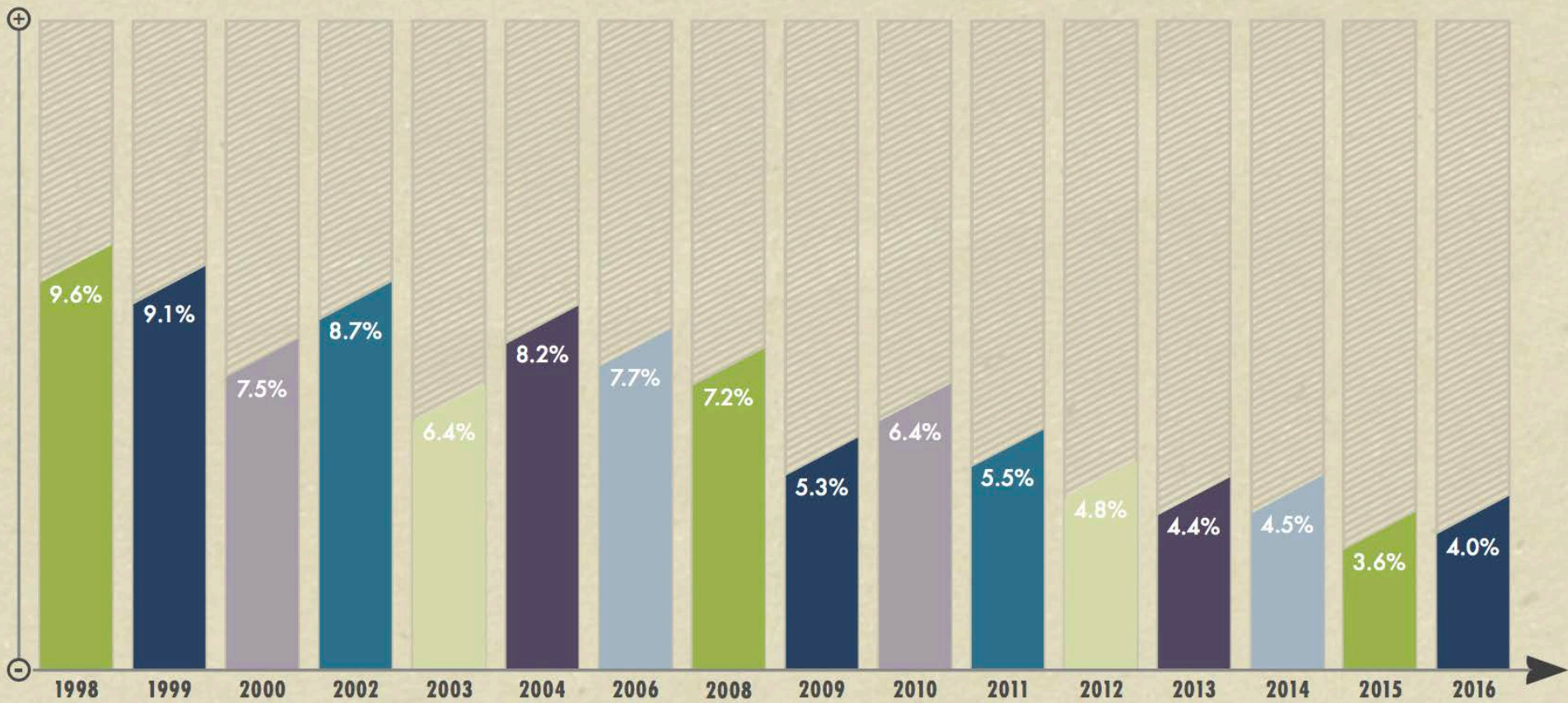
# MIDDLE SCHOOLS



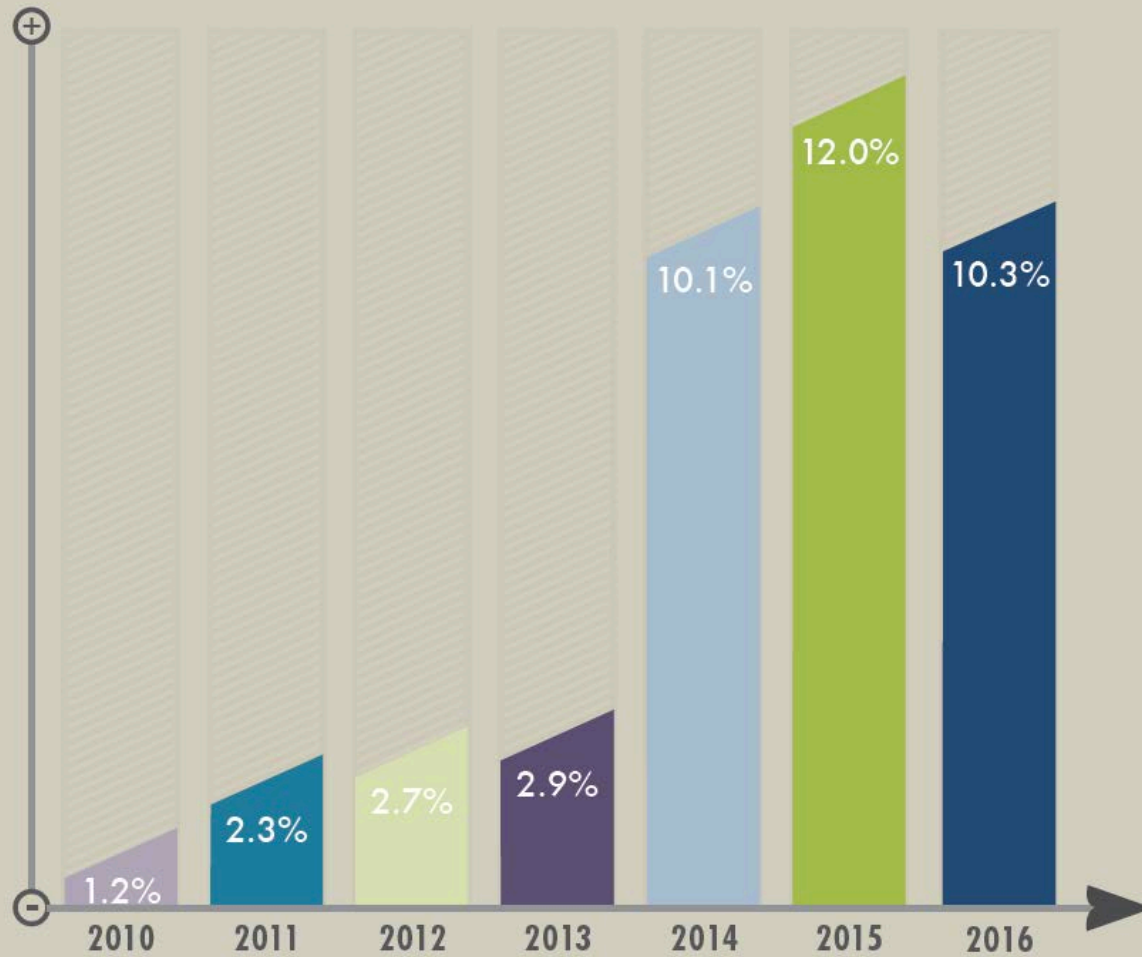
## CURRENT SMOKELESS TOBACCO USE



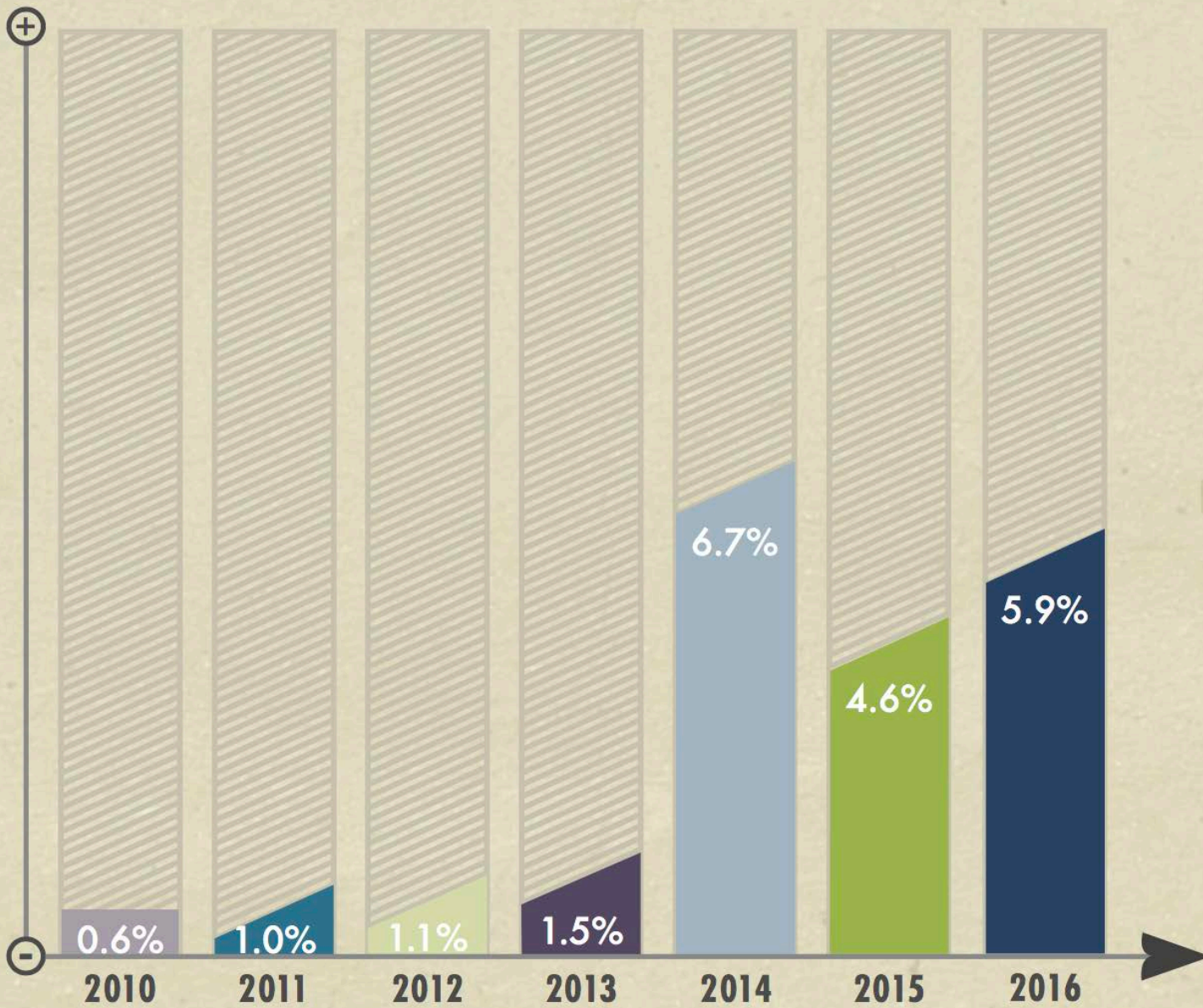
# MIDDLE SCHOOLS



# CURRENT ELECTRONIC CIGARETTE USE



## CURRENT USE {2010-2016}

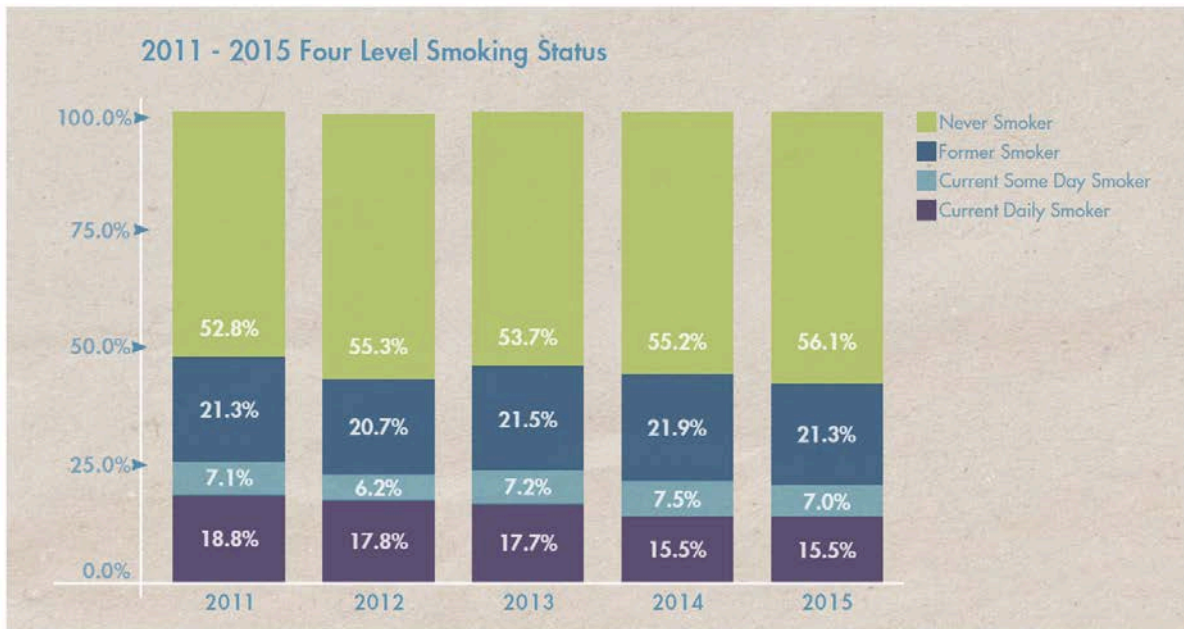
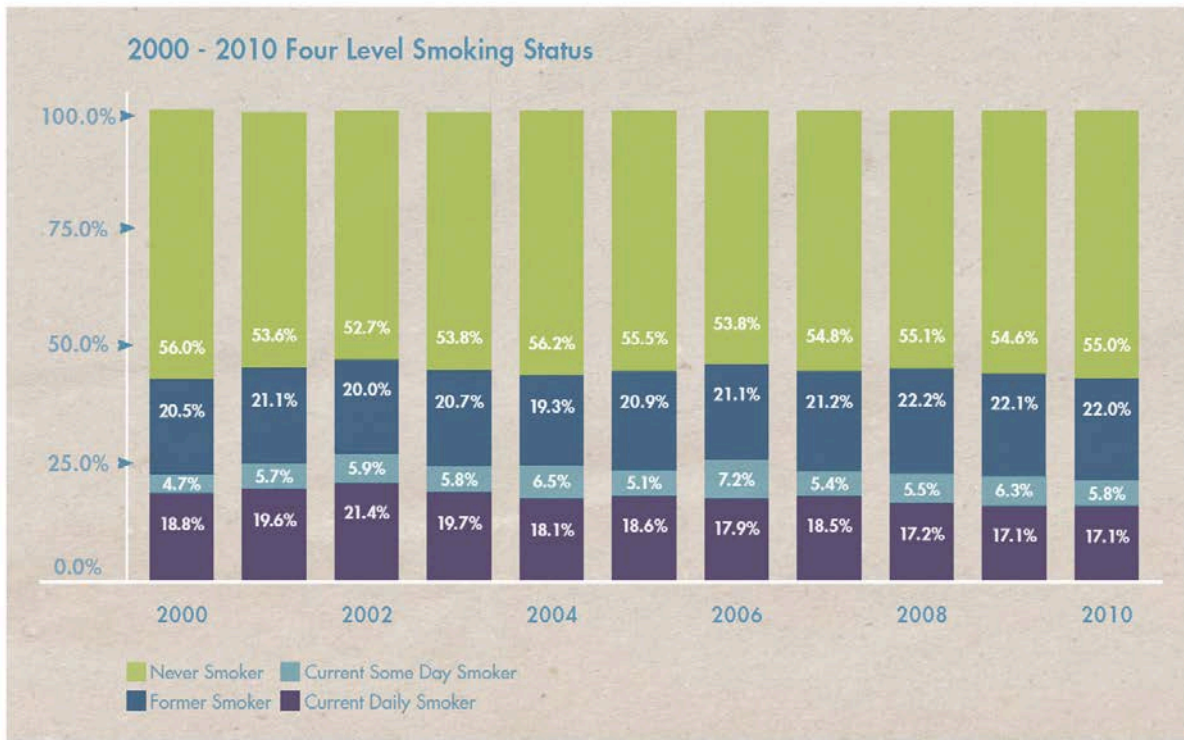


# Association Between Initial Use of e-Cigarettes and Subsequent Cigarette Smoking Among Adolescents and Young Adults

JAMA Pediatrics (Soneji et al, 2017)

- Odds ratio for subsequent cigarette smoking initiation was 3.62 (95% CI, 2.42-5.41) for ever vs never e-cigarette users
- Odds ratio for past 30-day cigarette smoking at follow-up was 4.28 (95% CI, 2.52-7.27) for past 30-day e-cigarette vs non-past 30-day e-cigarette users at baseline

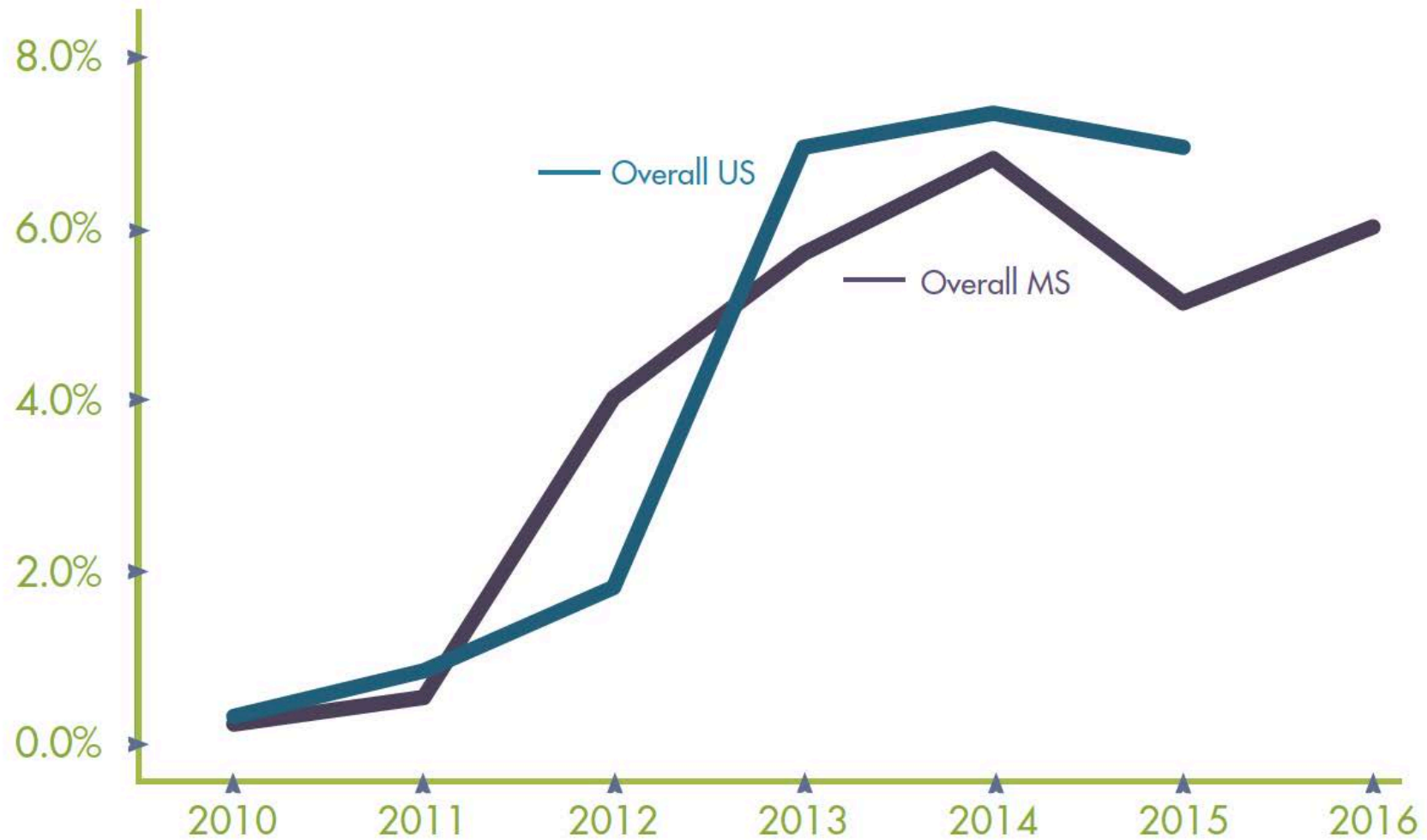
{MISSISSIPPI | ADULTS}



Source: Behavioral Risk Factor Surveillance System (BRFSS)



## Current E-Cigarette Use



Sources: *National and Mississippi Social Climate Survey of Tobacco Control*

# Hospital Admissions, 2016

## Principal Diagnosis

### Tobacco Related Diseases

- Acute Coronary  
Events
- Stroke
- Asthma
- COPD
- Pneumonia

### Control Diseases

- Appendicitis
- Bowel  
Obstruction
- Acute  
Cholecystitis

# Hospital Admissions, 2016

## Tobacco Related Admissions

- 174.2 per 10,000 adults in counties without a smoke-free ordinance in the county seat
- 143.5 per 10,000 adults in counties with a smoke-free ordinance in the county seat,  $p=.009$

# Hospital Admissions, 2016

## Control Admissions

- 13.5 per 10,000 adults in counties without a smoke-free ordinance in the county seat
- 11.9 per 10,000 adults in counties with a smoke-free ordinance in the county seat. ns,  $p=.167$

# For More Information

- Visit [mstobacodata.org](http://mstobacodata.org)