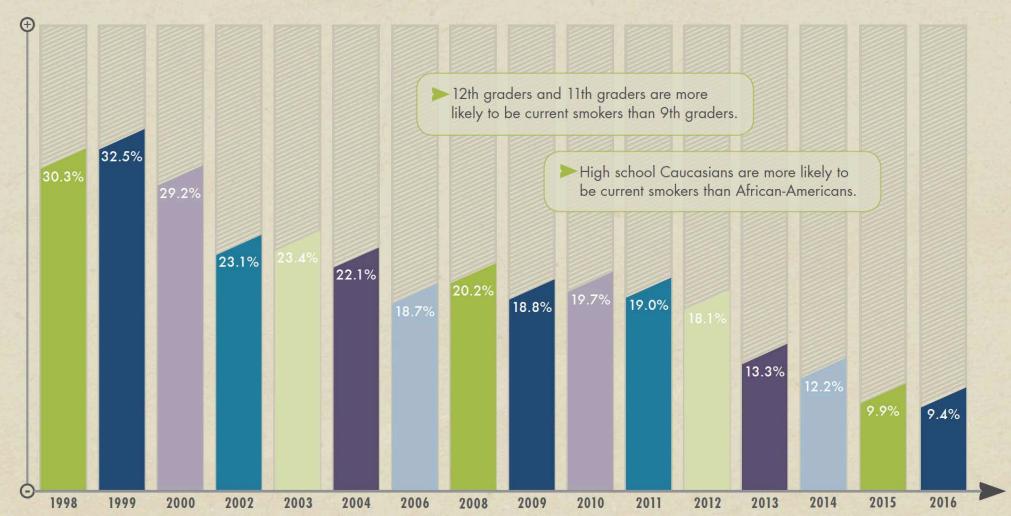


Tobacco & Nicotine Use in Mississippi

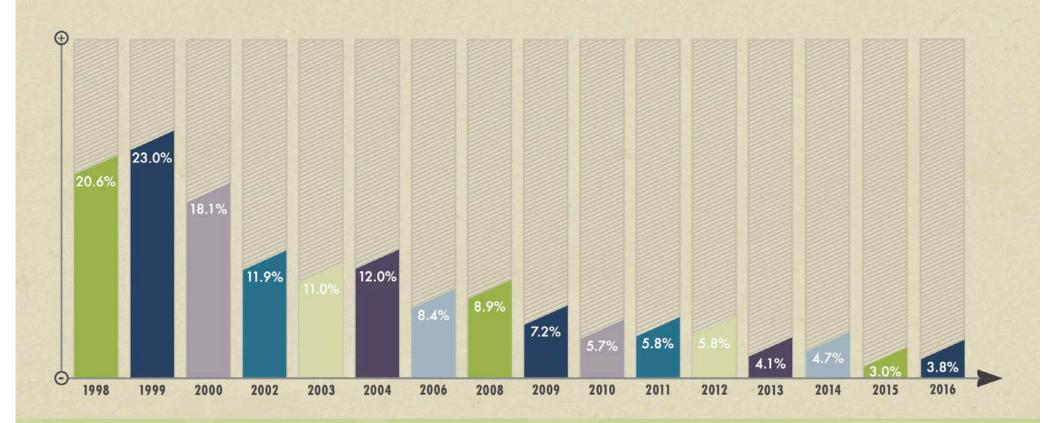


Current cigarette smoking Ms Public High schools



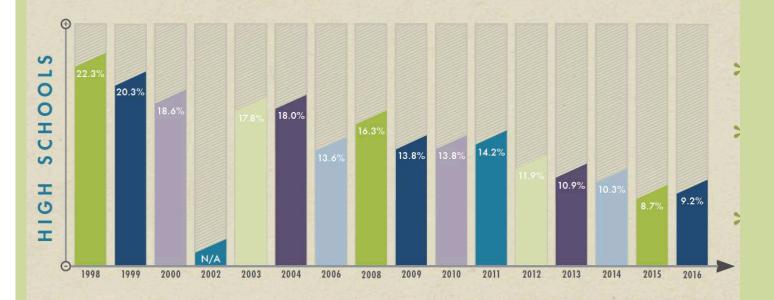


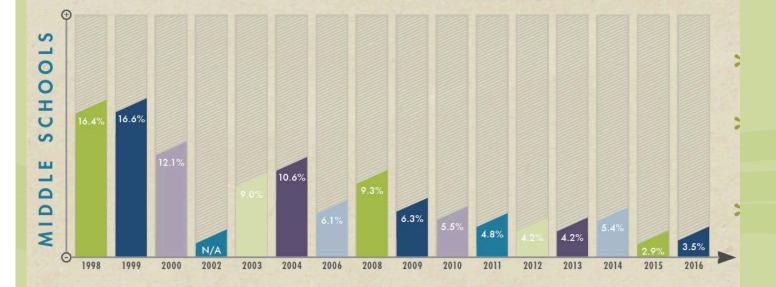
current cigarette smoking MS PUBLIC MIDDLE SCHOOLS





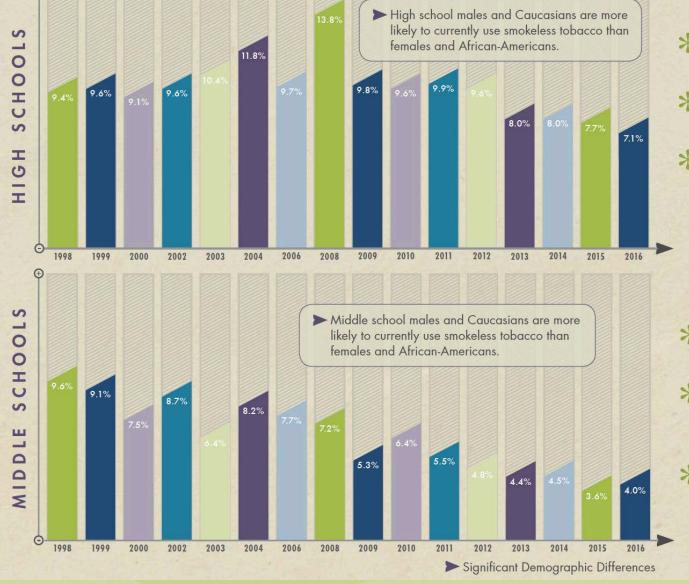
current cigar smoking MISSISSIPPI PUBLIC SCHOOLS







current smokeless tobacco use

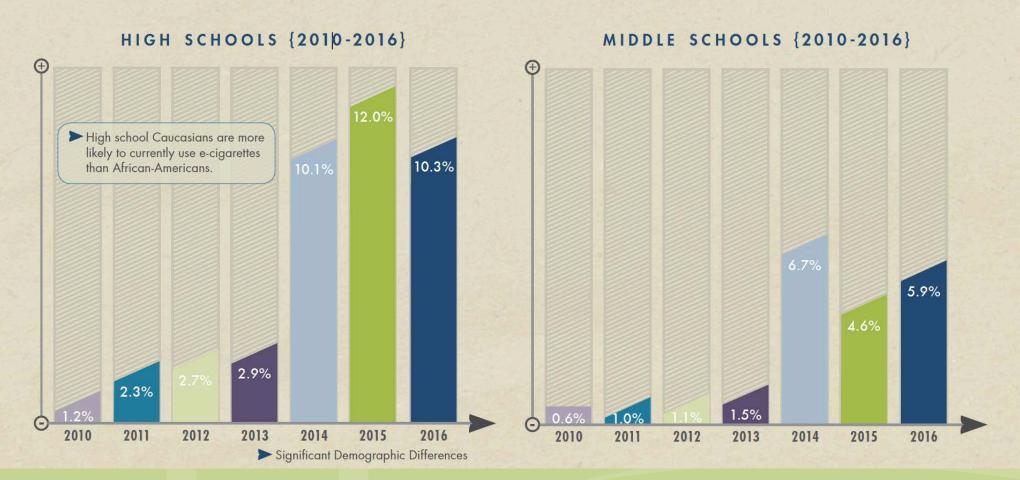


- In 2016, 9,536 Mississippi public high school students were current SLT users.
- Since 1998, the prevalence of current SLT use has not changed significantly.
- In the past year, the prevalence of current SLT use has not changed significantly.

- In 2016, 4,286 Mississippi public middle school students were current SLT users.
- The prevalence of current SLT use has decreased by 58% since 1998, leading to 6,001 fewer young SLT users.
- In the past year, the prevalence of current SLT use has not changed significantly.

current electronic cigarette use

MISSISSIPPI PUBLIC SCHOOLS

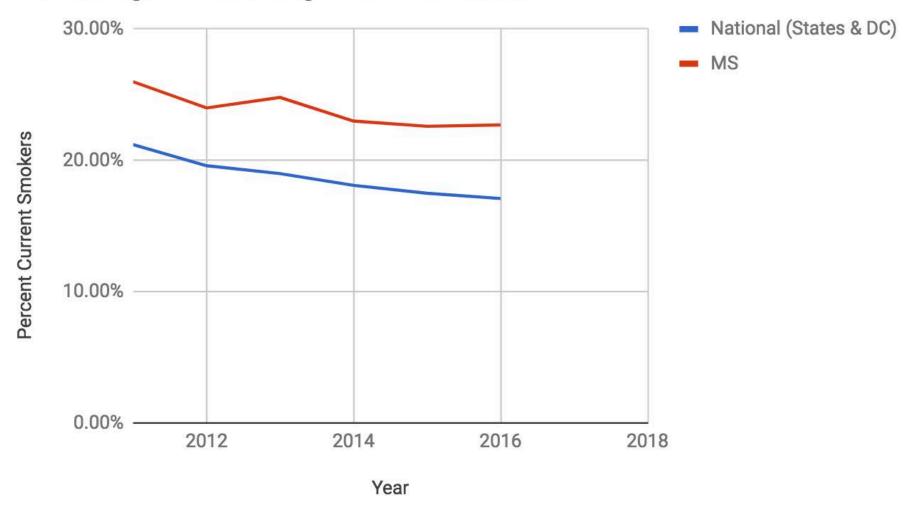




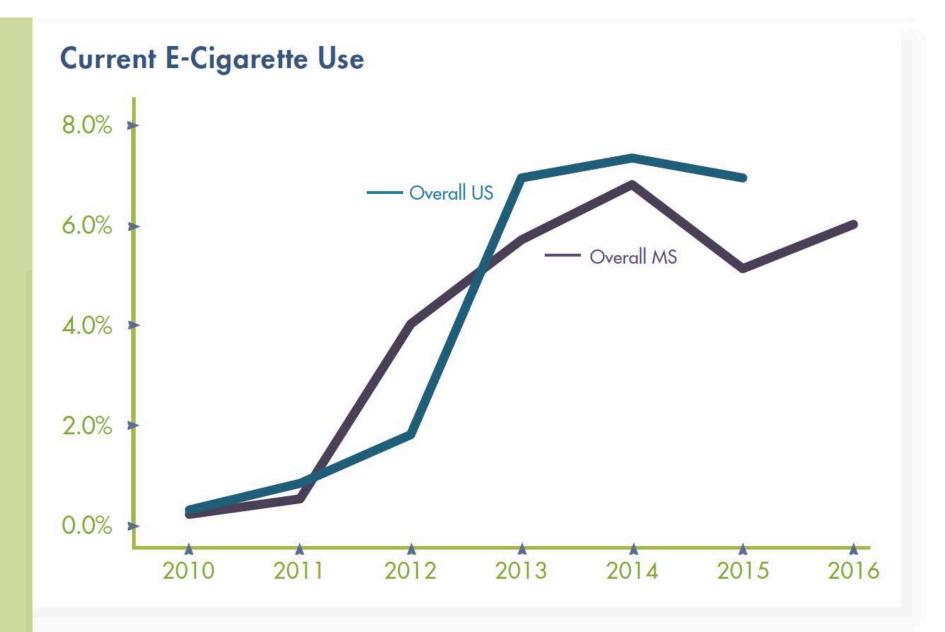
Adult Cigarette Use

- Per capita consumption, 2016
 - Mississippi ranks 12th
 - 59.2 per capita
 - Down from 107.0 in 1998
- Prevalence of current cigarette smoking, Mississippi ranks 5th
 - 22.7%
 - Down from 25.9% in 2011 ISSISSIPPI

Current Cigarette Smoking - BRFSS US vs. MS

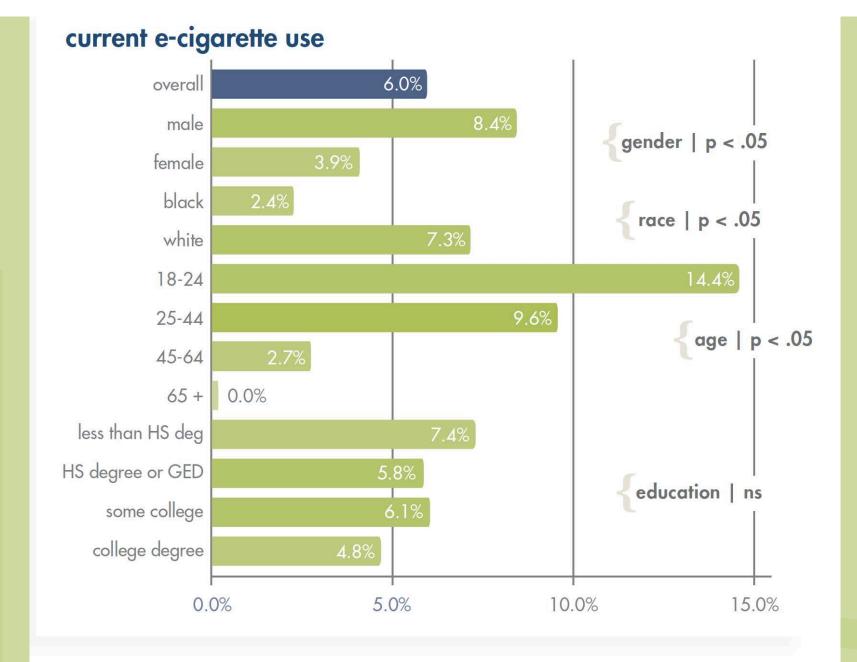






Sources: National and Mississippi Social Climate Survey of Tobacco Control





Source: 2016 Mississippi Social Climate Survey of Tobacco Control

Tobacco Control Policies



Raîsing theage of sale for tobacco

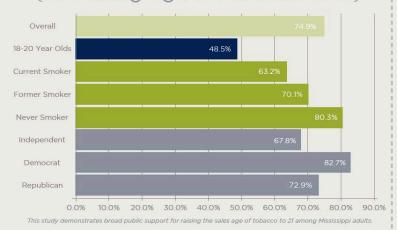
75% of Mississippi Adults support this policy

inmississippi



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



it puts legal purchasers outside high school students' social networks.





Tobacco21 (as of 29 Sept 2017)

- 260 municipalities have done this
 - Across 18 states and the District of Columbia
- California
- Hawaii
- Applies to 22% of US population



State Tobacco Taxes

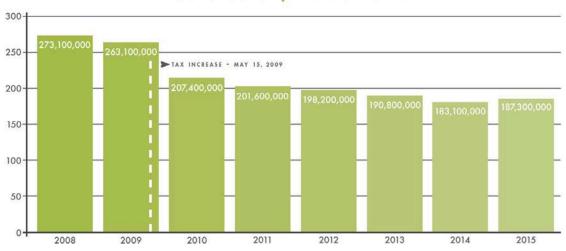
- Cigarettes
 - \$0.68 per pack, national average is
 \$1.71, Mississippi ranks 39th
- Cigars: 15% of manufacturer price
- Smokeless Tobacco: 15% of manufacturer price
- E-Cigarettes & Hookah:
 - No tax



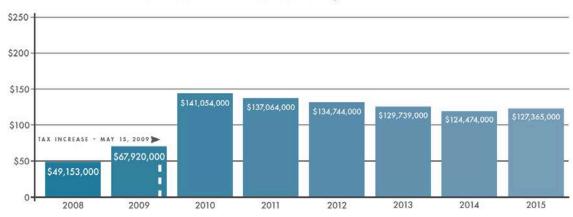
The Mississippi (Tax) Experience

- → The Mississippi Legislature increased the state cigarette tax from 18 cents to 68 cents on May 15, 2009.
- The average state cigarette tax is currently \$1.63 and Mississippi's tax ranks 39th.

Packs Sold | 2008-2015



Revenues Collected | 2008-2015



These data from tax records clearly demonstrate that following the 2009 increase in the state cigarette tax, the number of packs of cigarettes sold in Mississippi decreased by more than 30%, while tax revenue from cigarette sales almost tripled.



What if Mississippi Raised the State Cigarette Tax by \$1.50?

- \$166.8 million in new revenue
- 4,700 fewer young adult smokers
- 26,500 adult smokers would quit

• \$33.8 million in new revenue if the state also raised other tobacco product tax rates to parallel new levels

100% Smoke-free Mississippi UPDATED | OCTOBER 2017

Southaven WALNUT Corinth FARMINGTON HERNANDOHOLLY SPRINGS Senatobia booneville new albanyBALDWYN BELMONT POINT sledge Oxford Saltillomantachie CLARKSDALE Ogkland coffeeville Pontoto Verona Nettleton Alligator Tutwiler Charleston bruce
DUNCAN Sumner PITTSBORO
DINCAN SUMPER ALHOUN CITY Woodland Aberdeen Beulah RENOVA Grenada DUCK HILL Mathiston Shaw INDIANOLAMOORHead Itta Benasidon CRUGER Weir Metcalfe Is OLA RCOLA Belzoni Tchula Ethel Noxapater Hollandale LEXINGTON Durant KOSCIUSKO anquilla Louisee den MAYERSVILLE pickens SHUQUALAK

There **Smoke-Free** Are

and (3) Smoke-Free Counties IN MISSISSIPPI

103 of which have ordinances

THAT INCLUDE RESTRICTIONS ON

Partial Smoke-free 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

Jackson Brandon Meridian ByramFLORENCE Crystal Springs MENDENHALL magee Heidelberg Shubuta Fayette W E S S O N Georgetown brook have n monticello COLLINSELLISVILLE

ridgeland

FLOWOOD Morton

Prentiss roxie Meadville BASSFIELD

state line SumrallPetal

hattiesburg LEAKESVILLE it New Augusta Summit

Woodville CENTREVILLE MAGNOLIA

LUMBERTON Wiggins lucedale poplarville

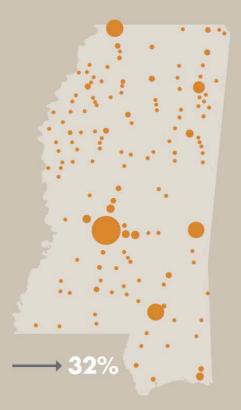
- October 5, 2010 | Rienzi
- June 2011 | Olive Branch
- June 6, 2012 | Vaiden
- July 3, 2014 | Gautier
- March 18, 2017 | Fulton

PICAYUNE Moss Point

Diamondhead Pascagoula



A PATH TO 100% PROTECTED







As of July 1, 2017, 138 municipalities in Mississippi have implemented comprehensive, smoke-free ordinances. These ordinances protect 32% of Mississippi.

If every Mississippi municipality passed a comprehensive smoke-free ordinance, only 55% of Mississippians would be protected. The rest live in rural areas outside of municipalities.

The only way to protect all Mississippians is to pass a state-wide comprehensive smoke-free law.











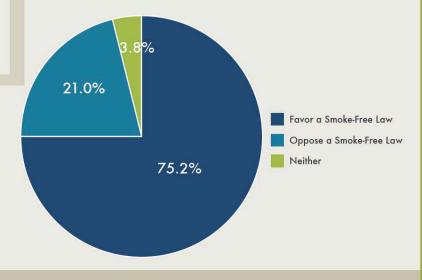
2016 Mississippi Social Climate Survey of Tobacco Control

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



Hospital Admissions, 2013-2016 Principal Diagnosis

Tobacco Related Diseases

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

Control Diseases

- Appendicitis
- BowelObstruction
- AcuteCholecystitis



Analyses

- Unit of analysis: County
- Predictor Variable: Does the county seat have a smoke-free ordinance?
- Outcome Variable: Rate of hospital admissions per 10,000 county residents



Hospital Admissions, 2016

Tobacco Related Admissions

- 173.1 per 10,000 adults in counties without a smoke-free ordinance in the county seat
- 151.2 per 10,000 adults in counties with a smoke-free ordinance in the county seat, p=.05



Control Variables

- Percent of county that has health insurance, ns
- Percent of county adults who smoke cigarettes, ns
- Ratio of primary care providers, ns
- Percent of county residents who graduated college, p<.05
- Median income, p<.05
- Percent of the county that is African American, ns

Hospital Admissions, 2013-2016

Control Admissions

- 17.9 per 10,000 adults in counties without a smoke-free ordinance in the county seat
- 16.4 per 10,000 adults in counties with a smoke-free ordinance in the county seat, ns



Control Variables

- Percent of county that has health insurance, ns
- Percent of county adults who smoke cigarettes, ns
- Ratio of primary care providers, ns
- Percent of county residents who graduated college, p<.05
- Median income, ns
- Percent of the county that is African American, ns

Emerging Issues

- E-cigarette regulations (or lack thereof)
- Heat-not-burn products



eCigs, Vapes, ENDS, & ANDS

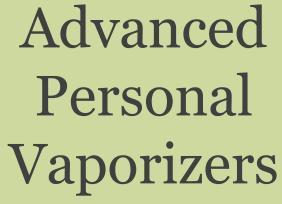


































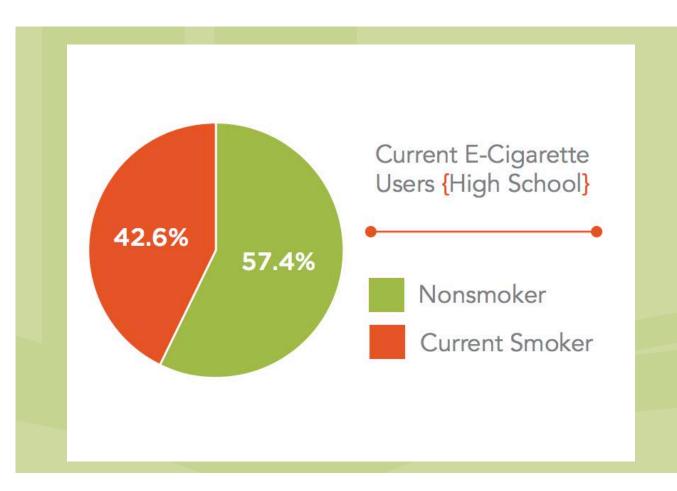








mississippi and youth e-cigarettes [August 2016]





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



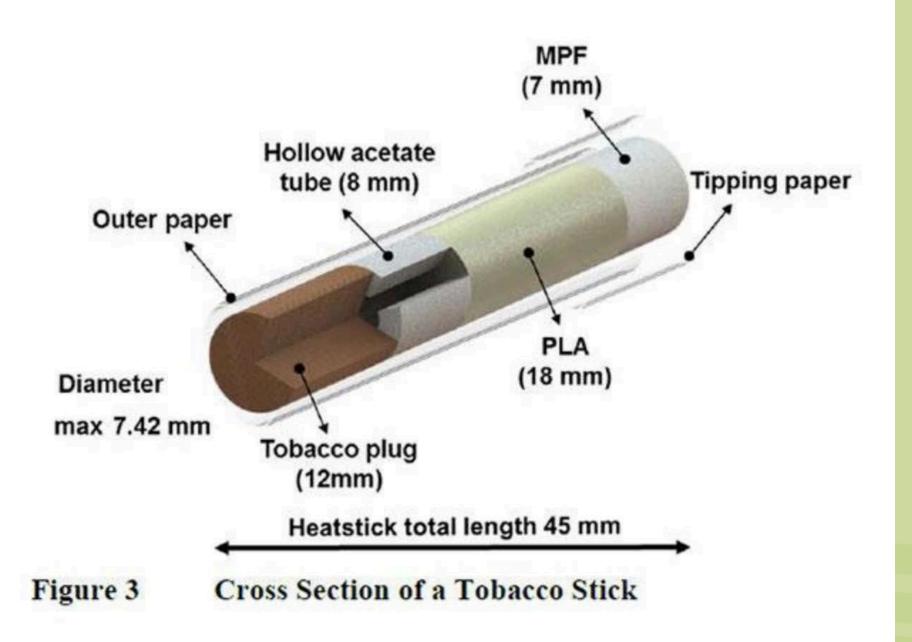














HEALTH WARNING TO BE PLACED HERE









For More Information

Visit mstobaccodata.org

