

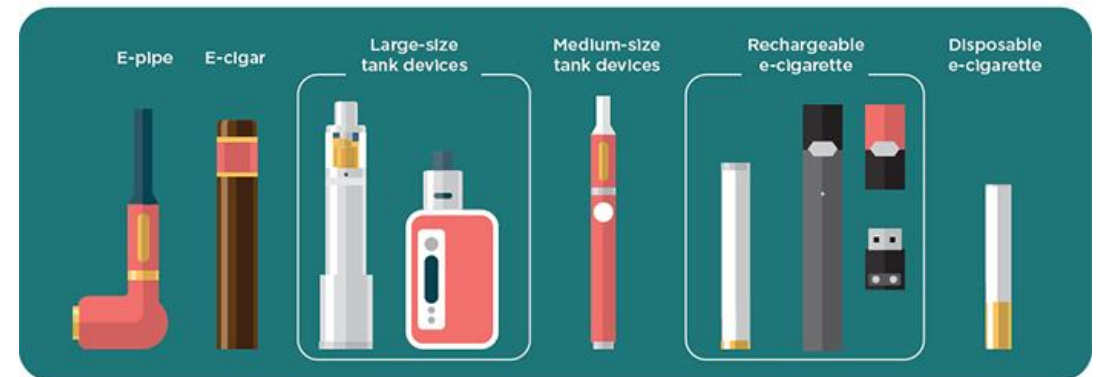
COVID-19, Youth Vaping and Schools

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Workshop Objectives

- ❑ Understand the association youth tobacco use and coronavirus 19
- ❑ Learn strategies for schools to protect youth, school personnel, and visitors from the hazards of tobacco use and secondhand smoke exposure; including tobacco use prevention and education in a virtual learning environment



Vaping - Electronic Products



Juuls



Puff Bars



Suorin and Smok



(3ml)



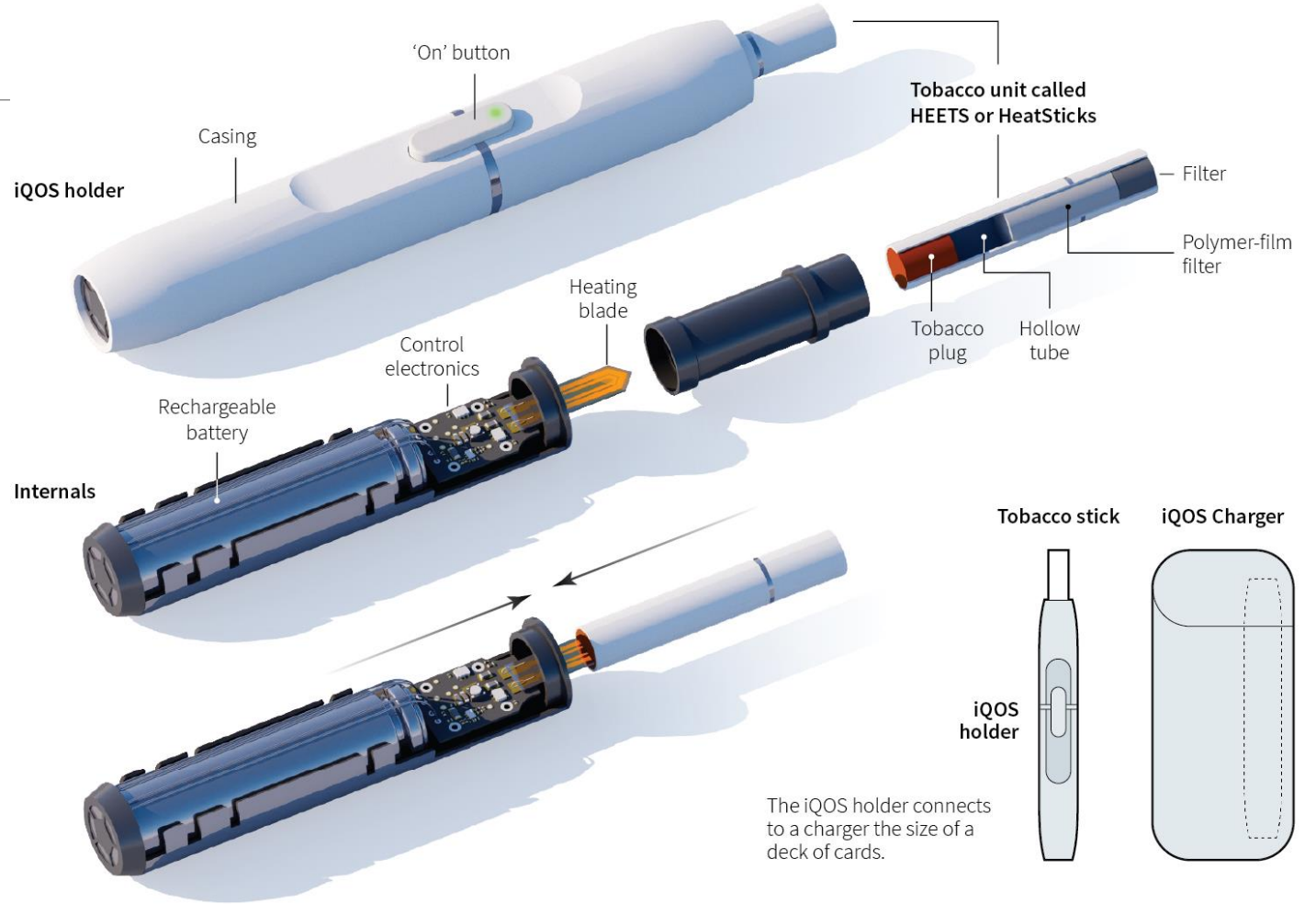
Electronic Cigarettes in a Pod



Heat Not Burn

Philip Morris' iQOS

Philip Morris International's iQOS heats tobacco instead of burning it, releasing nicotine-laced vapor. The company says that means the device avoids subjecting smokers to the same levels of carcinogens and other toxic substances found in a regular cigarette.

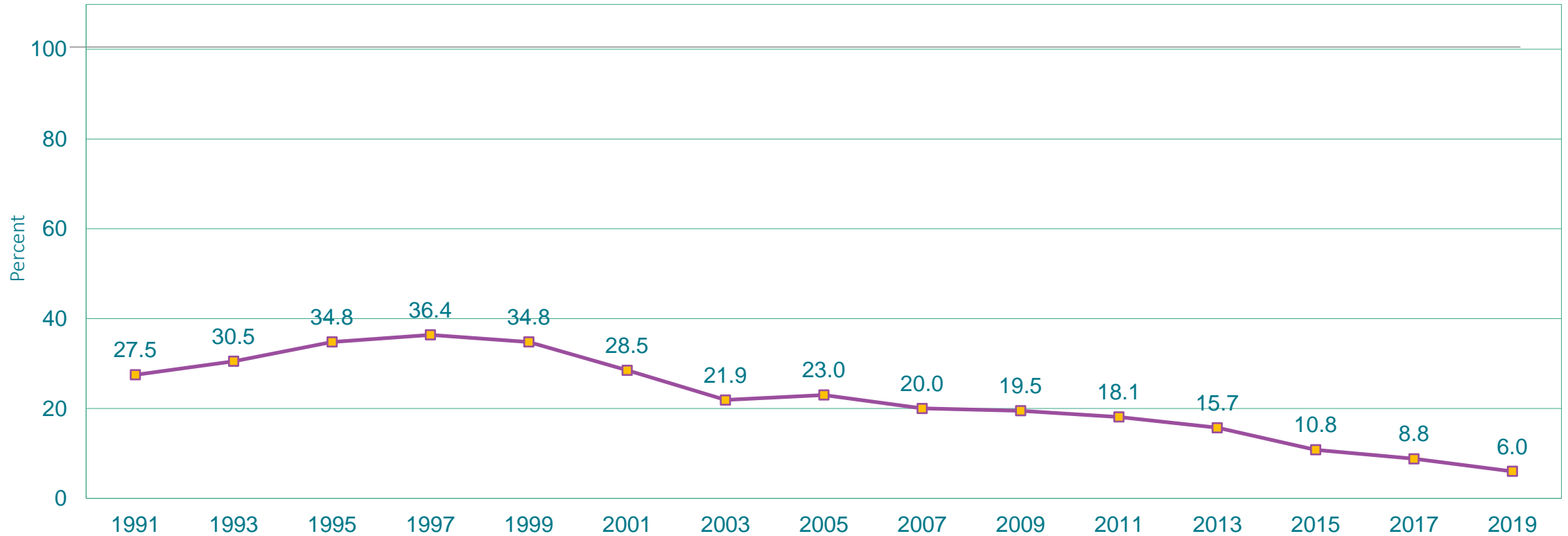


Sources: Philip Morris International; TechInsights Inc

Vape Wear



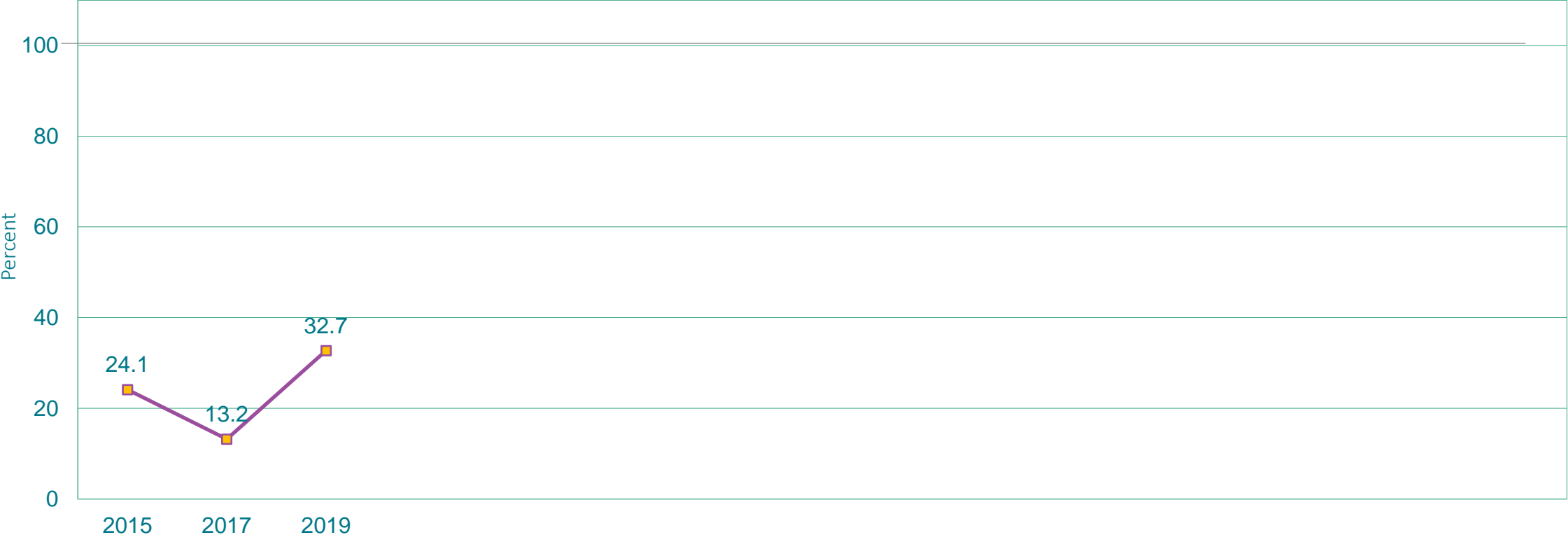
Percentage of U.S. High School Students Who Currently Smoked Cigarettes,* 1991-2019†



*On at least 1 day during the 30 days before the survey

†Decreased 1991-2019, increased 1991-1997, decreased 1997-2019 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).] This graph contains weighted results.

Percentage of U.S. High School Students Who Currently Used an Electronic Vapor Product,* 2015-2019†

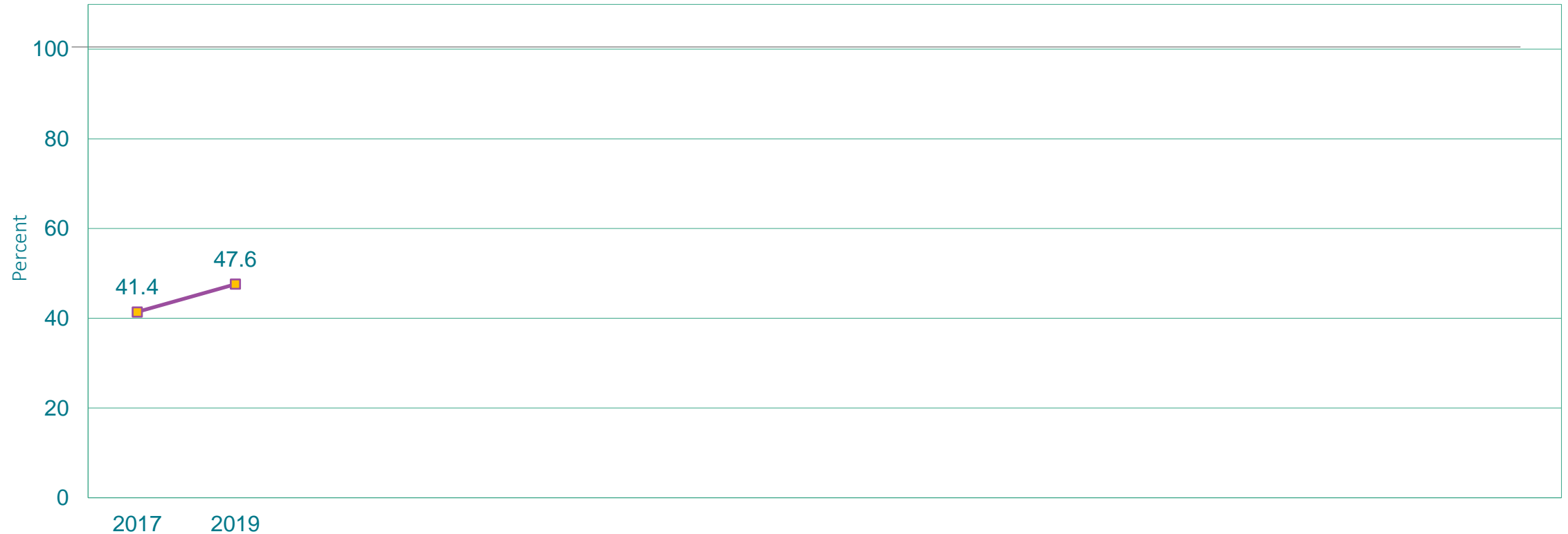


*Including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey

†Increased 2015-2019 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$).]

This graph contains weighted results.

Percentage of U.S. High School Students Who Tried to Quit Using All Tobacco Products,* 2017-2019†

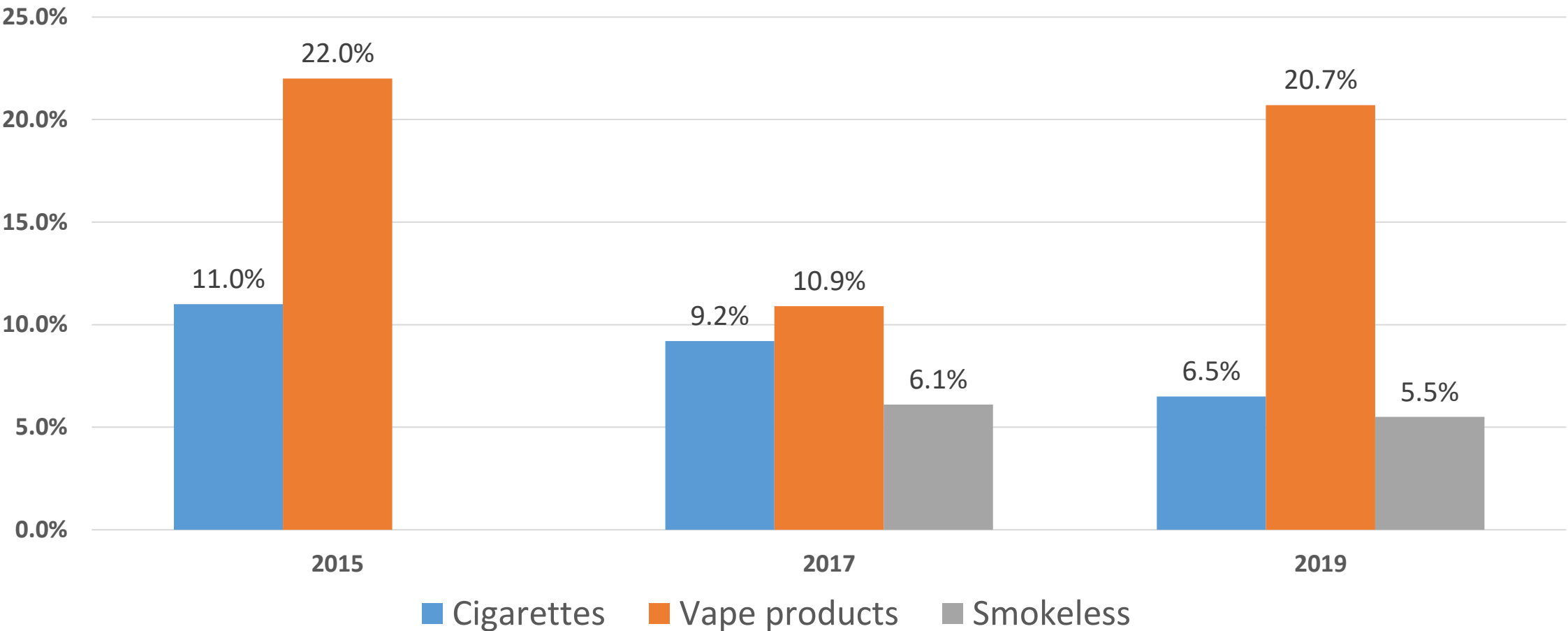


*Including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey

†Increased 2017-2019 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$).]

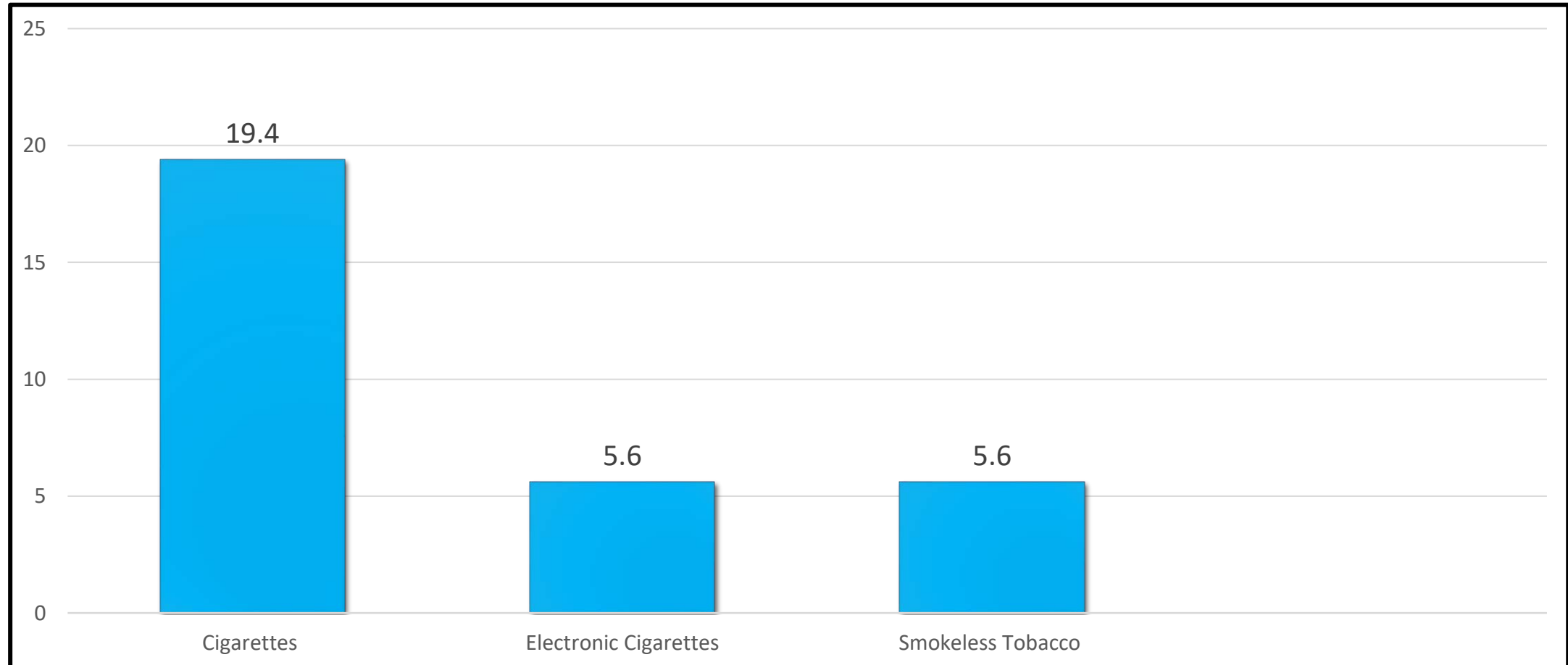
This graph contains weighted results.

Missouri High School Student Tobacco Trends



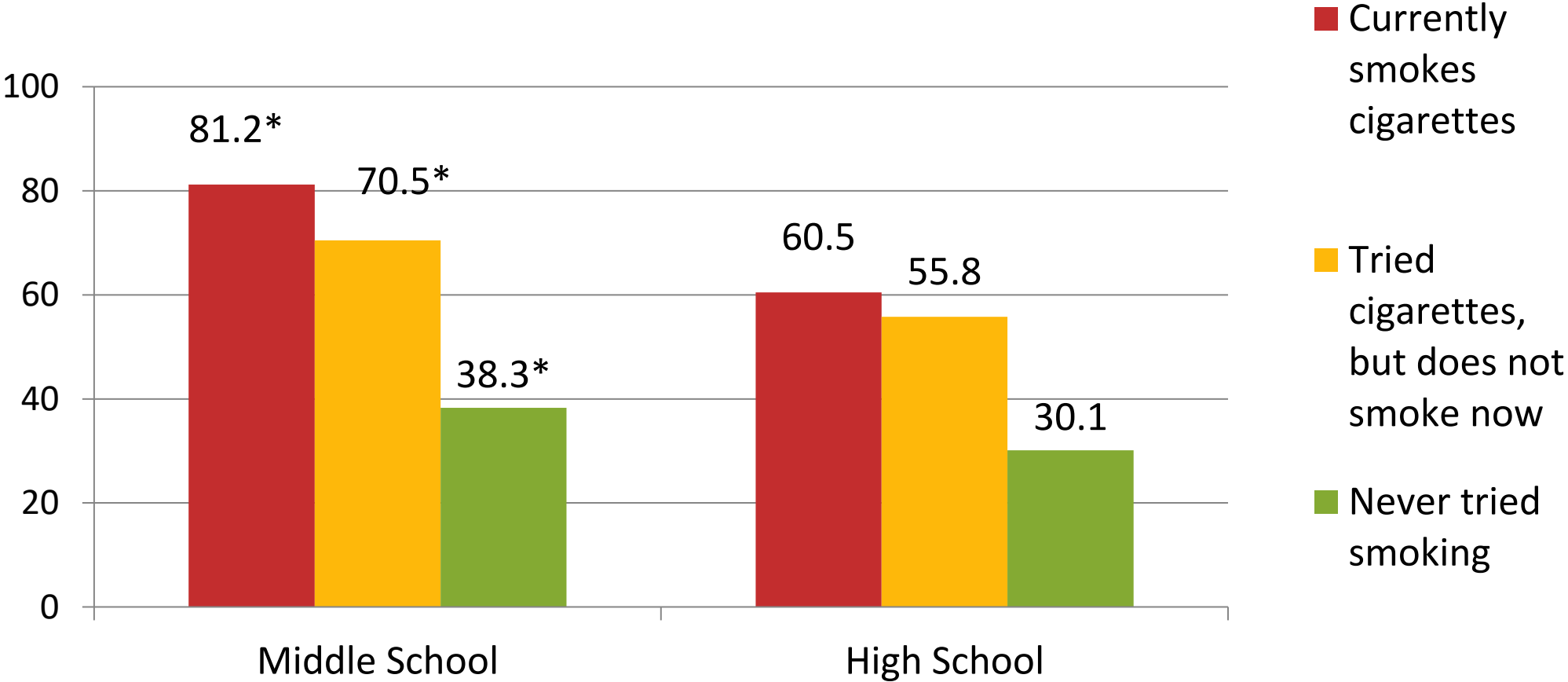
Source: 2019 Youth Risk Behavior Survey Results

MO Adult Tobacco Use – BRFSS 2018



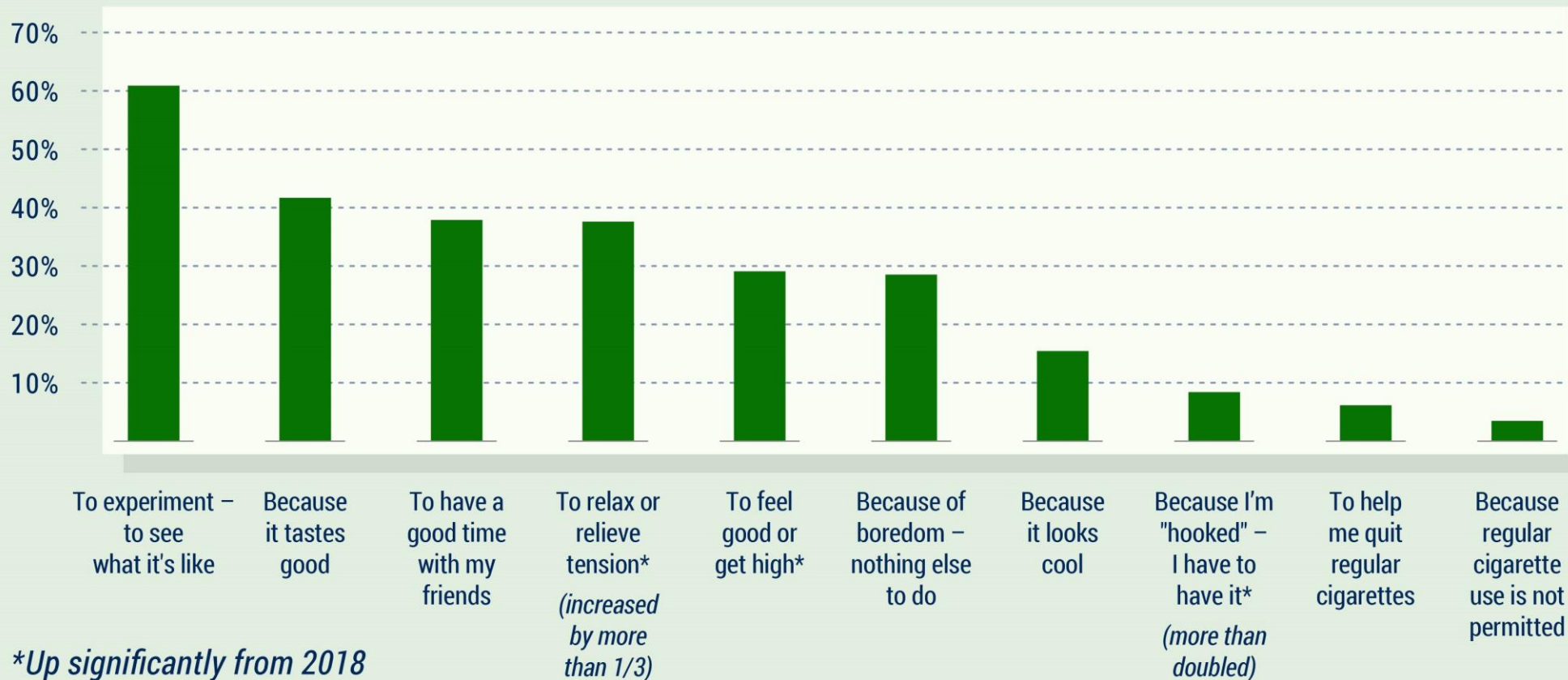
Missouri Youth and Tobacco, 2017

Percentage of students who live with someone that smokes tobacco products, by student smoking status



- Currently smokes cigarettes
- Tried cigarettes, but does not smoke now
- Never tried smoking

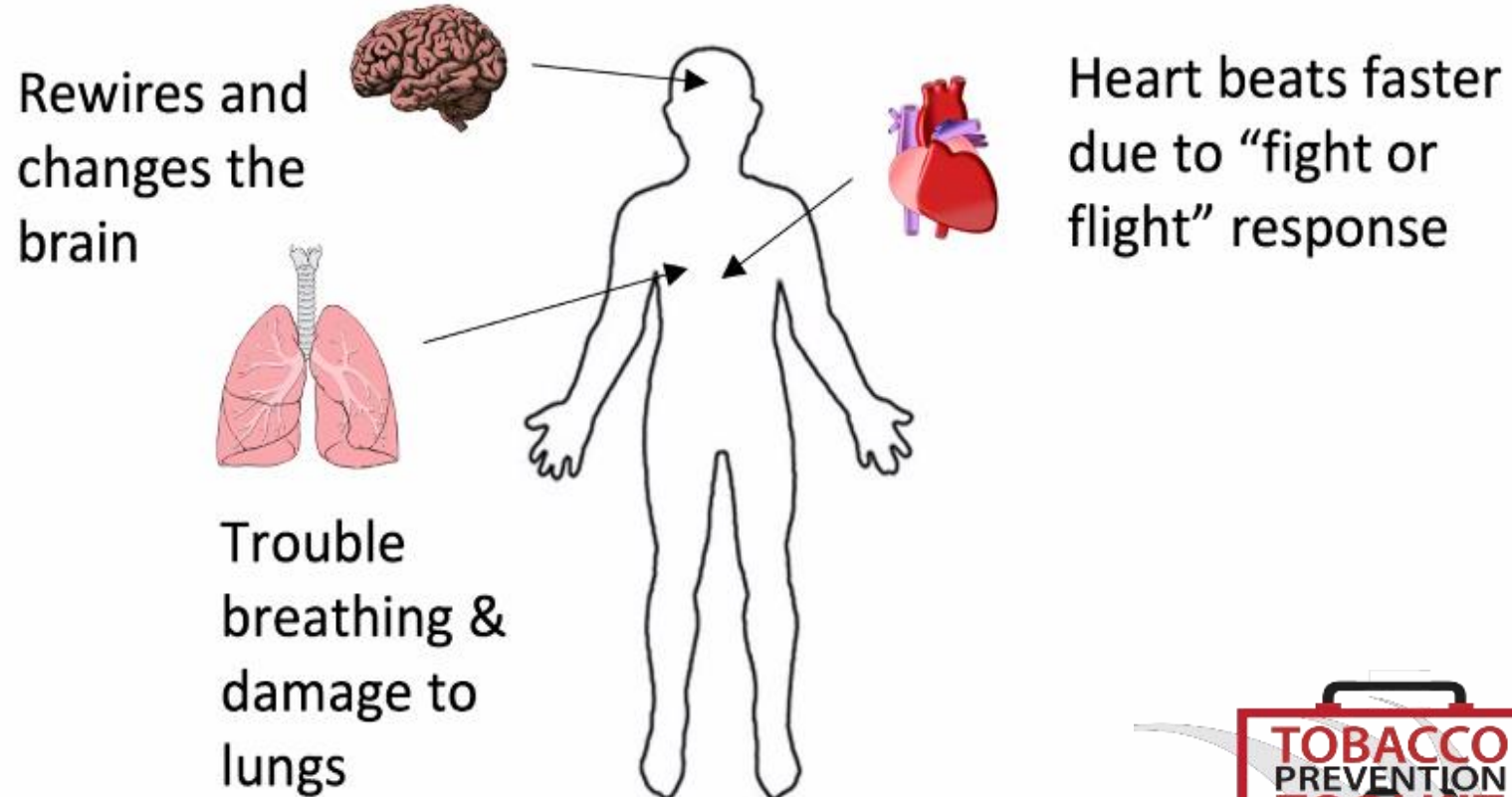
TEENS REPORT REASONS FOR VAPING



To view information on other drugs from the 2019 Survey visit:

www.drugabuse.gov/related-topics/trends-statistics/infographics/monitoring-future-2019-survey-results-overall-findings

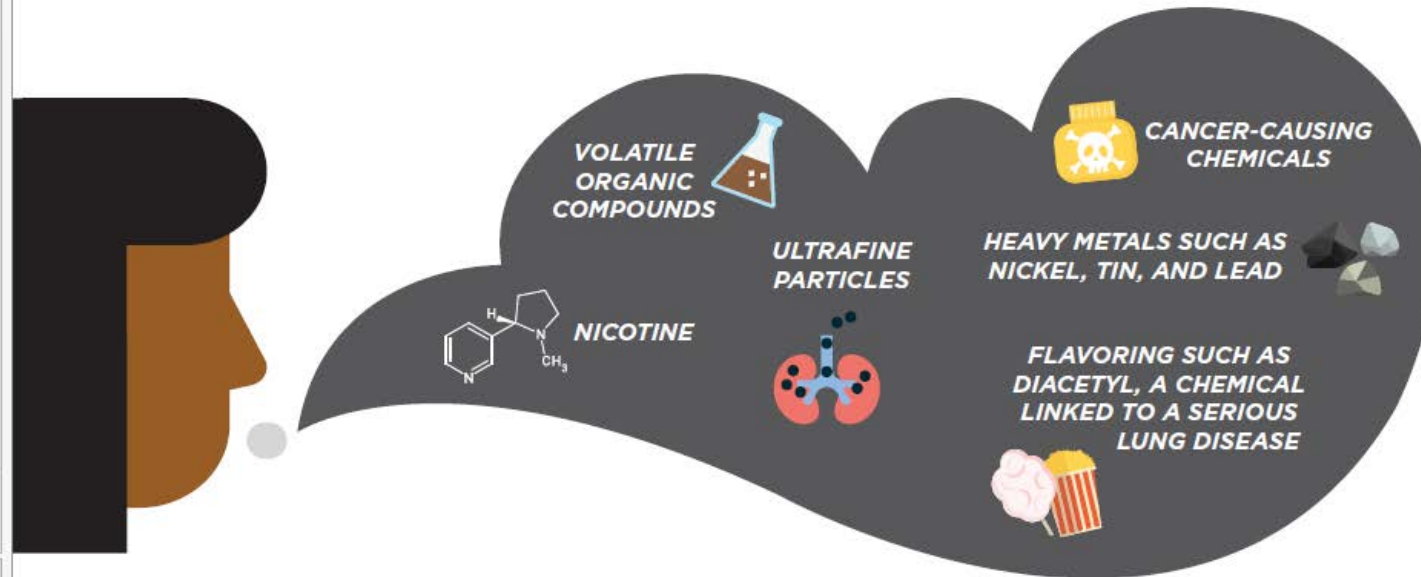
The body and vaping



Chemical Make Up of Electronic Cigarettes

WHAT IS IN E-CIGARETTE AEROSOL?

THE E-CIGARETTE AEROSOL THAT USERS BREATHE FROM THE DEVICE AND EXHALE CAN CONTAIN HARMFUL AND POTENTIALLY HARMFUL SUBSTANCES:

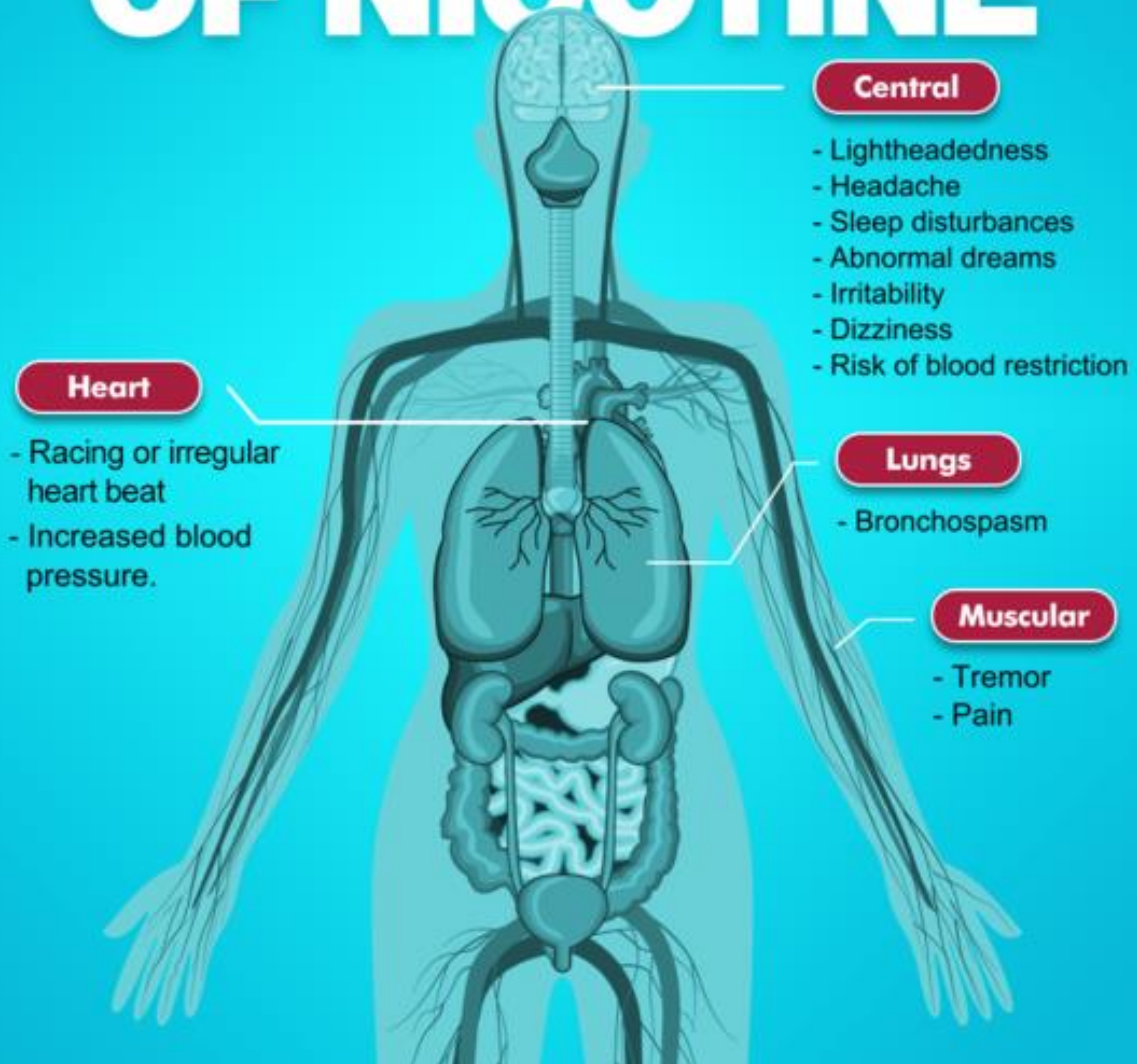


Effects of Nicotine on Youth

- ❑ Brain development
- ❑ Addiction



SIDE EFFECTS OF NICOTINE



Nicotine Withdrawal: The Ugly

Irritability

Anger

Anxiety

Frustration

Depression

Increased Appetite

Difficulty Concentrating



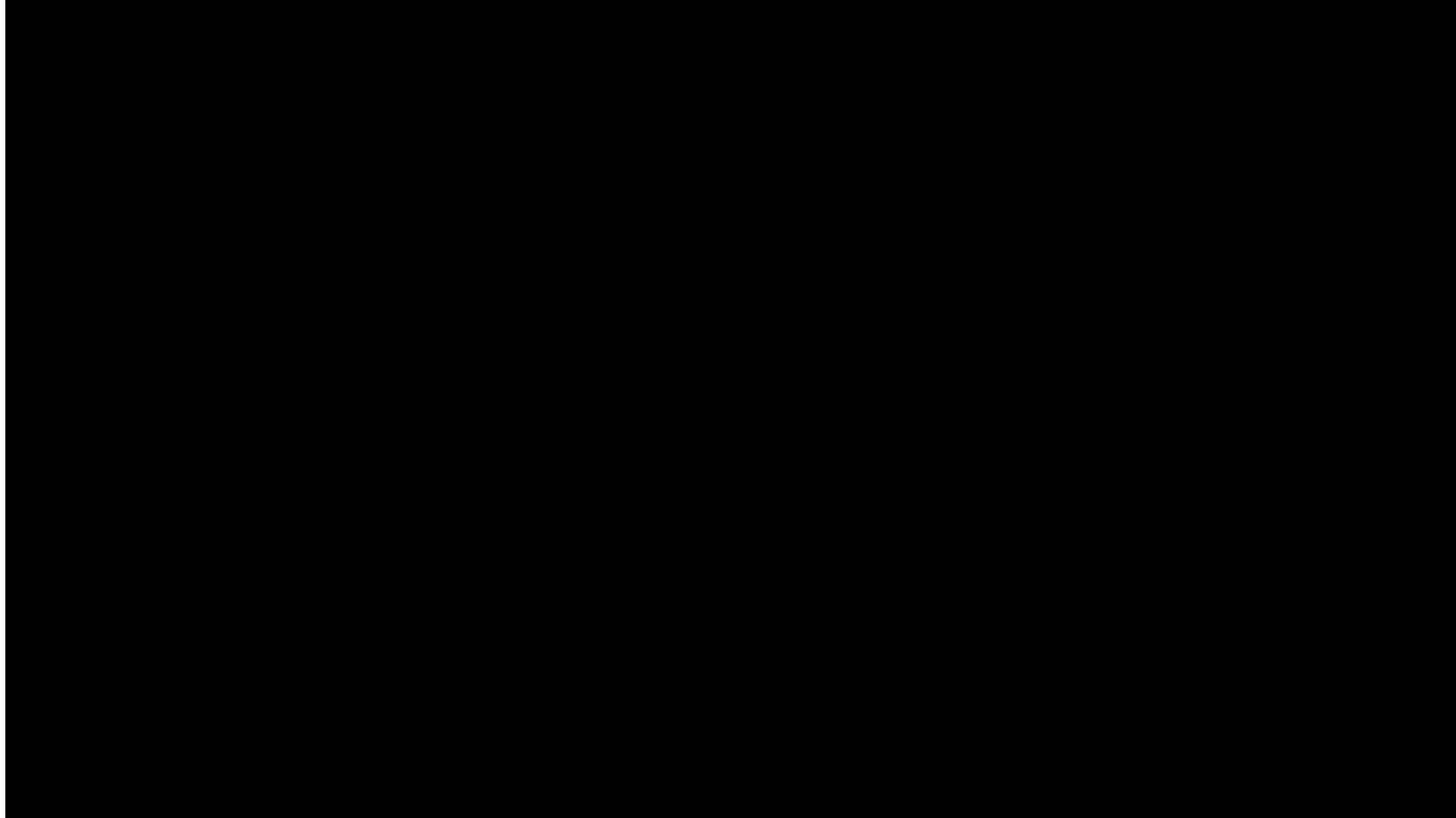
Tremors

Insomnia

Signs of Use



Real Stories from Youth Who are Addicted to Electronic Cigarettes



Health Effects



E-Cigarette or Vaping Product Use Associated Lung Injury (EVALI)

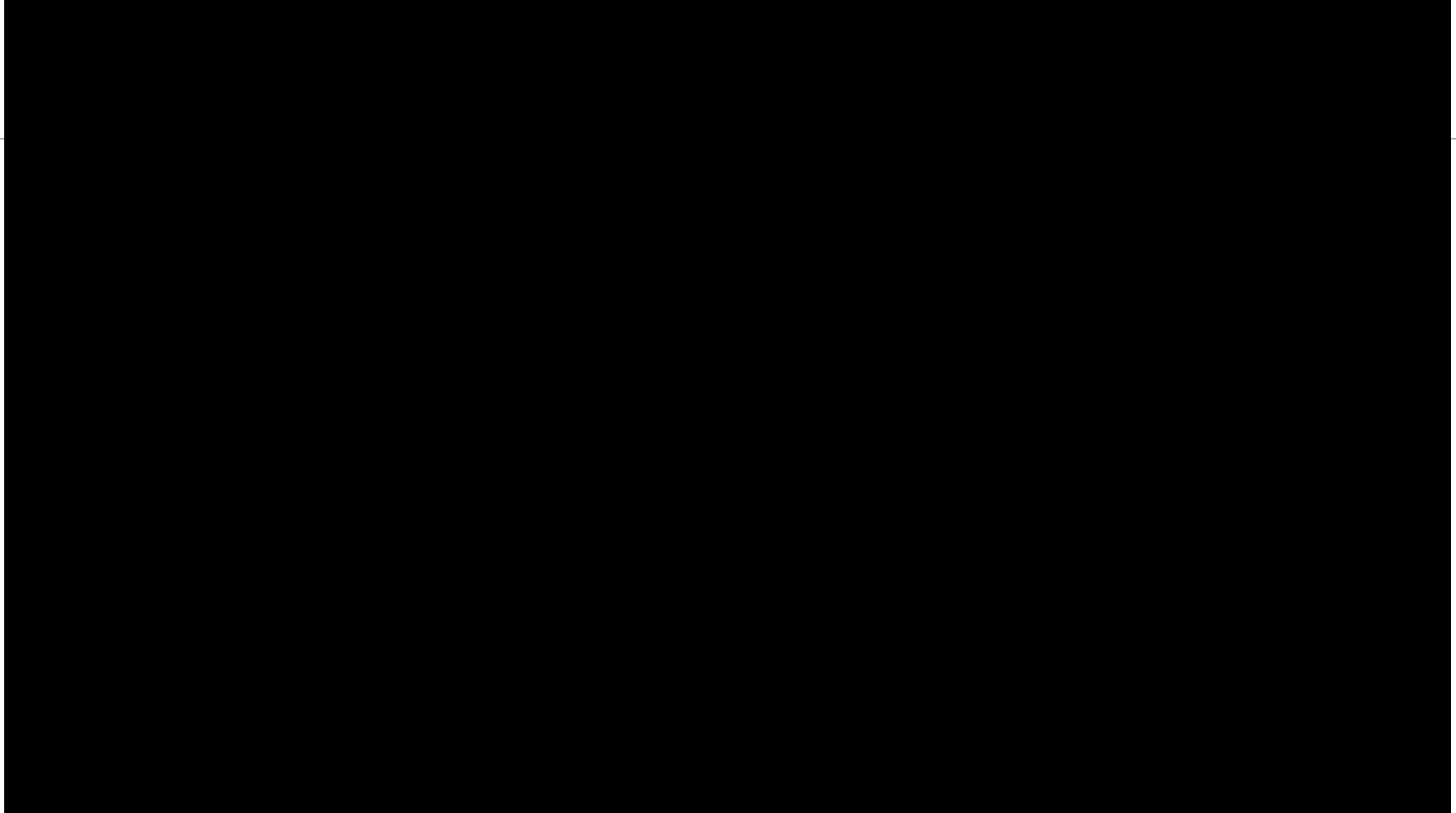
- Nationwide
- All vaped
- Causes
- Symptoms



COVID -19 and Youth Vaping



Smoking Imagery, Binge Watching and COVID



Study Shows Teen Vapers Up to 7 X More Likely to Get COVID-19 Than Non-users



truth

Asthma and Vaping



Unintended Injuries



Source: CNN.com



What Can Schools Do?



Proven Booster Interventions



TOBACCO
~~eighteen~~ **twenty-one**

Restriction on flavors



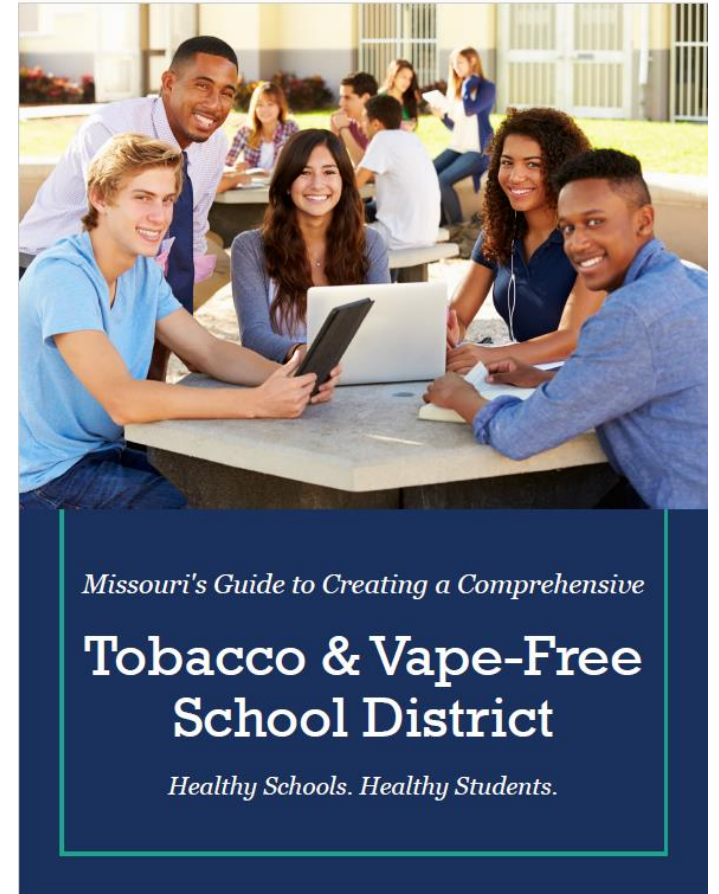
Develop and Implement a Comprehensive Tobacco & Vape-Free School District



Tobacco-Free School Districts

- All products, all times, all places, for everyone
- Enforcement
- Prevention education
- Treatment for staff and students
- Policy management

<https://health.mo.gov/living/wellness/tobacco/smokingandtobacco/tobaccocontrol.php#tobaccouse>



5 Steps in Adopting a Comprehensive Tobacco and Vape-free School District Policy

1. Collect data
2. Support
3. Educate
4. Draft new policy
5. Present



Implementing the Policy - Communication



Enforcement

- Consistent
- Clear communication



Education



Alternatives to Suspension


- Learn from their mistakes
- Make healthier decision in the future
- An addiction issue



INDEPTH® (Intervention for Nicotine Dependence: Education, Prevention, Tobacco and Health) Student

ASPIRE™


Treatment for Youth and Staff



ACES

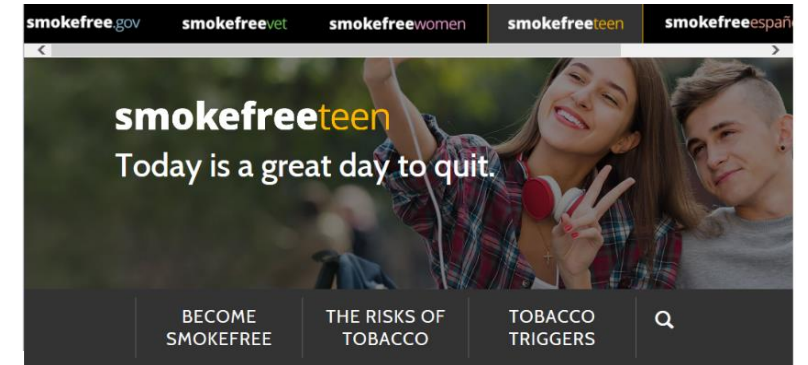
Adolescent Cessation in Every School

An evidence-based adolescent tobacco cessation toolkit for the school setting, Second Edition
www.cessationineveryschool.com



truth initiative
INSPIRING TOBACCO-FREE LIVES

DITCH JUUL 88709



smokefree.gov smokefreevet smokefreewomen smokefree**teen** smokefreeespanol

smokefreeteen****
Today is a great day to quit.

BECOME SMOKEFREE THE RISKS OF TOBACCO TOBACCO TRIGGERS

MISSOURI TOBACCO

QUITLINE

1.800.QUIT.NOW (784.8669)

Youth Addiction



Ongoing Efforts



Mini-Grants

To develop and implement a comprehensive tobacco and vape-free school district policy



Questions?

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(573) 751-6183

