

## Addressing the Youth Vaping Epidemic in Indiana

Tobacco Prevention and Cessation Indiana Department of Health

June 20, 2022

#### **OUR MISSION:**

To promote, protect, and improve the health and safety of all Hoosiers.

#### **OUR VISION:**

Every Hoosier reaches optimal health regardless of where they live, learn, work, or play.



## 2025 Indiana Tobacco Control Strategic Plan



#### **Our Vision**

An Indiana where all are free from tobacco addiction and exposure to commercial tobacco products. \*



#### **Our Mission**

Indiana Tobacco Prevention and Cessation seeks to achieve health equity by eliminating the disease and economic burden associated with tobacco addiction and exposure to commercial tobacco products.



#### **Our Values**

We recognize that all Hoosiers are affected differently across racial, ethnic, and socioeconomic groups, and these disparities must be addressed.



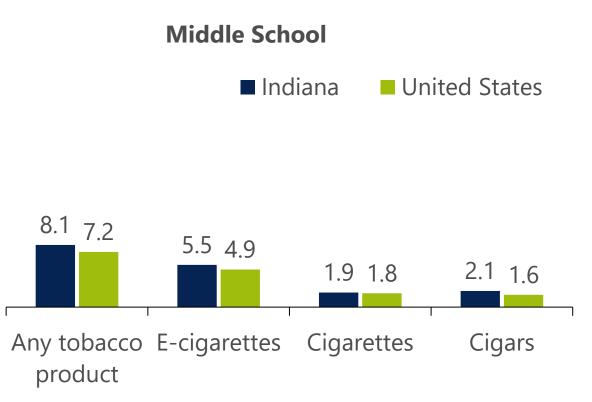
**Tobacco Prevention** and Cessation

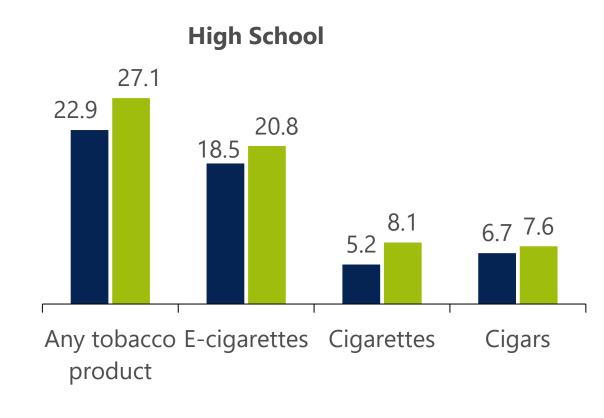






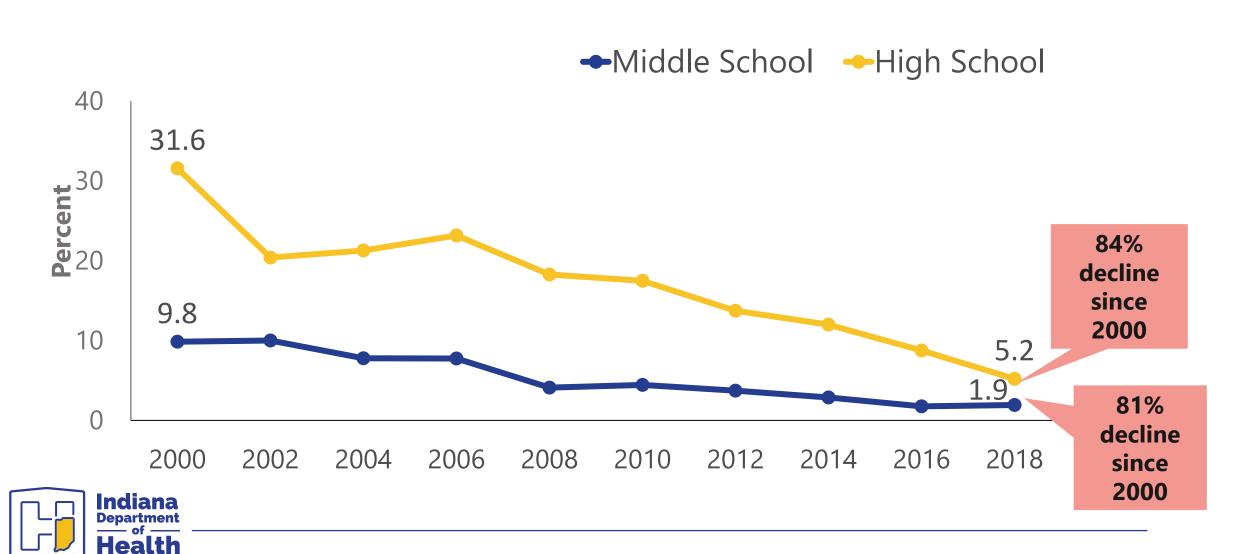
## Current tobacco use among youth - Indiana and the U.S.







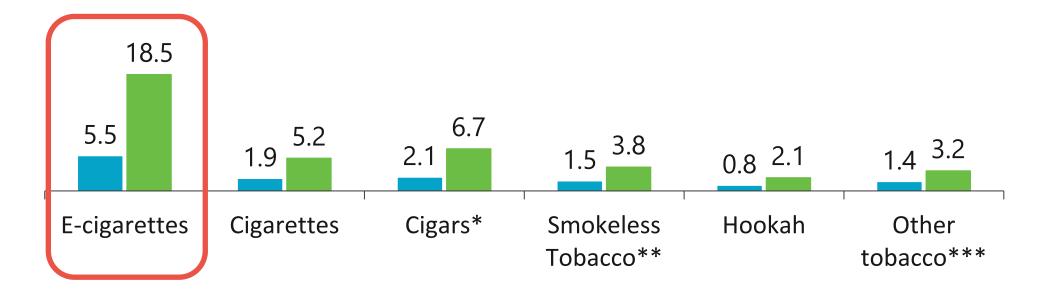
## Cigarette smoking has declined significantly among Hoosier youth.



## E-Cigarettes are the most commonly used tobacco product among Indiana youth.

■ Middle School ■ High School





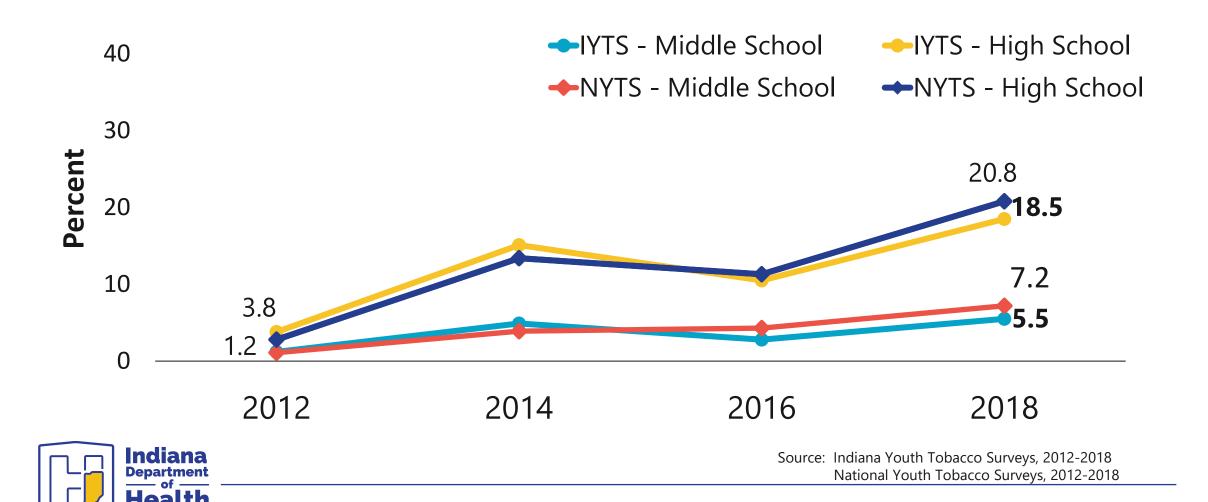


Source: Indiana Youth Tobacco Survey, 2018

<sup>\*</sup>Cigars, cigarillos, or little cigars

<sup>\*\*</sup>Chewing tobacco, snuff, or dip

## E-cigarette use has dramatically increased since 2012.



## **Tobacco Use in 2021**

Current use of e-cigarettes among high school and middle schools in the U.S. (NYTS, 2021)





Nearly **85%** of those using e-cigarettes are using **flavored products**.

4.2% of High School students in Indiana reported smoking

of High School students in Indiana reported using **e-cigarettes** 

Youth Risk Behavior Survey (YRBS), 2021



## Factors contributing to youth use



## **Key Factors**

- New products
- Tobacco company marketing
- Availability of cheap tobacco products
- Flavored products
- Regulation



## Same Players, New Products











## **Synthetic Nicotine**

- Declines in manufacturing costs has increased use
- Many youth appealing products using synthetic nicotine
- Marketing and other claims
- March 2022, Appropriations Act, amended tobacco product definition to add
- As of April 14, 2022 now regulated by FDA Center to Tobacco Products
  - Must submit applications for premarket review
  - July 14 process must be complete







## **FTC Report**

Total Sales: \$304 M to \$2B

Flavored: 5% to 30% of sales

**Increased Nicotine**: 25 mg to 40mg;

some 51-61 mg/ml

Advertising and Promotion: \$198 M to \$643 M price discounts- 14X celebrity and social media influencers- 15x



Enforcement  $\lor$  Policy  $\lor$  Advice and Guidance  $\lor$  News and Events  $\lor$  About the FTC  $\lor$ 

Home / News and Events / News / Press Releases

For Release

The Federal Trade Commission's First Report on E-Cigarette Sales and Advertising Reveals Disturbing Trends Affecting the Health of Young Americans

Flavored cartridges, nicotine concentration, and deep discounting surged between 2015 and 2018, likely fueling increased underage consumption

March 17, 2022





## Youth exposure to tobacco marketing

**7 in 10** youth were exposed to tobacco ads in convenience stores, supermarkets, or gas stations.



**4 in 10** youth were exposed to tobacco ads on the internet.



**2 in 10** youth were exposed to tobacco ads in newspapers or magazines.



**6 in 10** youth saw actors using tobacco on TV or in movies.

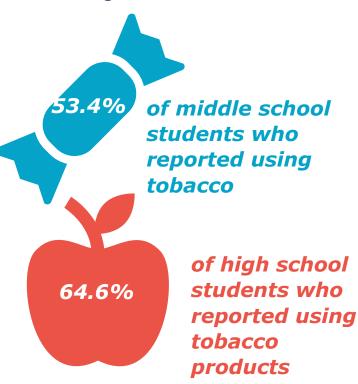




## Flavored tobacco product use



Flavored Tobacco Use among Hoosier Youth, 2018

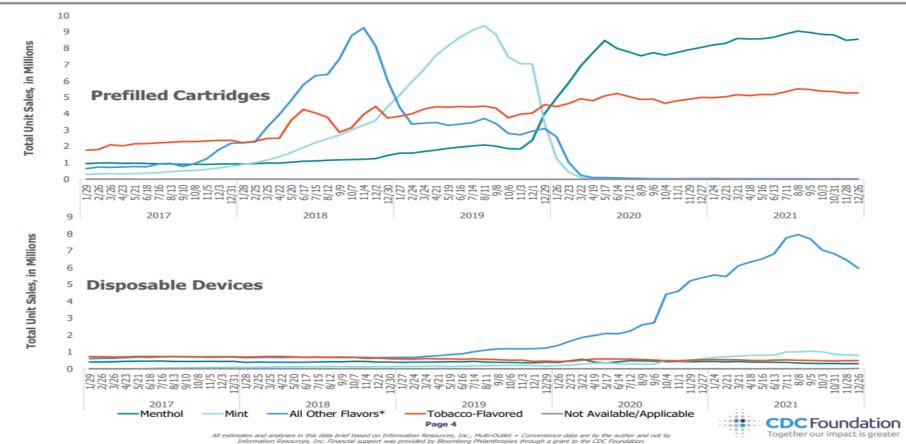




## Regulation of e-cigarettes



Figure 3. National E-Cigarette Unit Sales by Product Type and Flavor, 4 Week Estimates 1/2017 – 12/26/2021







## Recent Tobacco Headlines

## **EVALI**

E-cigarette, or vaping, product use–associated lung injury (EVALI)

Patients in this investigation have reported symptoms such as:

- cough, shortness of breath, or chest pain
- nausea, vomiting, abdominal pain, or diarrhea
- fever, chills, or weight loss

Some patients have reported that their symptoms developed over a few days, while others have reported that their symptoms developed over several weeks.

#### **INDIANA**

4 deaths

112 cases

- 55 confirmed, 57 probable
- 19 occurred in Marion County



## Tobacco 21

#### Senate Enrolled Act 1 from 2020 Session:

- Signed into law on 3/18/2020
- Takes effect 7/1/2020

Addresses youth access to tobacco and other nicotine products

#### Part of T21 Legislation:

 National movement to increase tobacco sale age to 21 in order reduce access to tobacco/nicotine products as a strategy to reduce significant health effects of youth/young adult tobacco initiation







## How Schools Can Help

## Collecting data to improve prevention efforts

Strong prevention initiatives require collecting good data to...

- Understand trends and emerging issues in youth tobacco use
- Monitor progress on prevention efforts
- Make the case for local and statewide prevention efforts



## What is the Youth Tobacco Survey?

- The standard tool used across U.S. states to assess tobacco use and related risk factors among youth in **grades 6-12**.
- Administered in Indiana since 2000.
- Conducted on even years, fall semesters (Fall 2022)
- Collects Data on:
- All types of tobacco use
- Exposure to tobacco advertisements
- Social risk factors
- Secondhand smoke exposure

- Tobacco Cessation
- Access to tobacco
- Youth attitudes and beliefs
- New questions added!



Contact **YTS@isdh.in.gov** with any questions!

## **TPC resources**

#### Indiana has made substantial progress with youth cigarette smoking

Fewer youth reported ever trying cigarettes in 2018 than ever before.

High School students: 65.3% in 2000 22.1% in 2018

Middle School students: 34.1% in 2000 9.5% in 2018

Fewer students reported current use (within 30 days) of cigarettes.

High School students: 31.6% in 2000

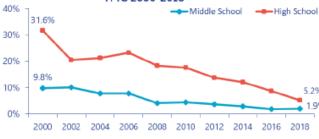
5.2% in 2018

Middle School students: 9.8% in 2000

1.9% in 2018.

These declines are similar to what we saw in 2020 across the United States as well. Current use of cigarettes dropped to 1.6% among middle school students and 4.6% among high school students nationally.

#### Indiana Youth Smoking Prevalence, IYTS 2000-2018



- An estimated 2,600 new Hoosier youth become youth who smoke daily each year.
- 5.2% of Hoosier high school students and 1.9% of Hoosier middle school students reported current smoking in 2018.
- Current smoking has declined 81% among middle school students and 84% among high school students since 2000.
- Youth who do smoke are smoking less frequently and smoking fewer cigarettes.

#### **Electronic Cigarette Use in Indiana**



Tobacco Prevention and Cessation

October 2021

#### What are E-Cigarettes?

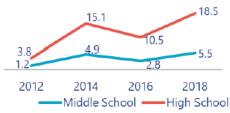
Electronic cigarettes (e-cigarettes) are battery-operated devices that heat a liquid to produce an aerosol that users inhale. The aerosol from an e-cigarette, sometimes mistakenly called vapor, can contain tiny chemical particles from both the liquid solution and the device including nicotine, flavorings, and other additives. The term e-cigarette is often used to refer to a broad class of products, which also includes electronic cigars (e-cigars), electronic hookahs (e-hookahs), vapor (vape) pens, and other products. E-cigarettes that have a high-tech, sleek design have become increasingly popular in recent years.

#### **Rising Use of E-Cigarettes Among Youth**

More needs to be done to protect youth and prevent tobacco companies from marketing their dangerous products to kids. Commercial tobacco companies know that getting youth addicted can lead to a long-term customer and they use a variety of tactics to target youth. Because of these tactics, use of e-cigarettes has increased dramatically in Indiana and the U.S.

- Nationwide, e-cigarette use nearly doubled among high school students between 2017 and 2018. Similarly in Indiana, e-cigarette use among youth nearly doubled, from 2.8% to 5.5% among middle school students, and from 10.5% to 18.5% among high school students.
- In 2020, use of e-cigarettes began to decline across the US however e-cigarettes continued to be the most commonly used tobacco product among youth in Indiana and the U.S.
- The U.S. Surgeon General has concluded that e-cigarette use is strongly associated with use of other tobacco products among youth. One in five Hoosier youth who used e-cigarettes also smoked cigarettes in 2018.

Percentage of Indiana youth who report current (past 30 day) use of e-cigarettes, 2012-2018





## VAPE-FREE INDIANA

Indiana's Three-Pronged Approach to addressing the youth vaping epidemic

**PREVENTION** 

**PUBLIC EDUCATION** 

CESSATION

School Programming

Mass-Media Campaigns

**Quitting Services** 





**Behind the Haze**Youth Campaign



@BehindtheHazelN BehindtheHaze.com This is Quitting

Text DITCHVAPE to 88709

SmokefreeTXT for Teens:

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QuitNowIndiana.com/teens



## **Addressing School Policies**

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## **Schools Toolkit**

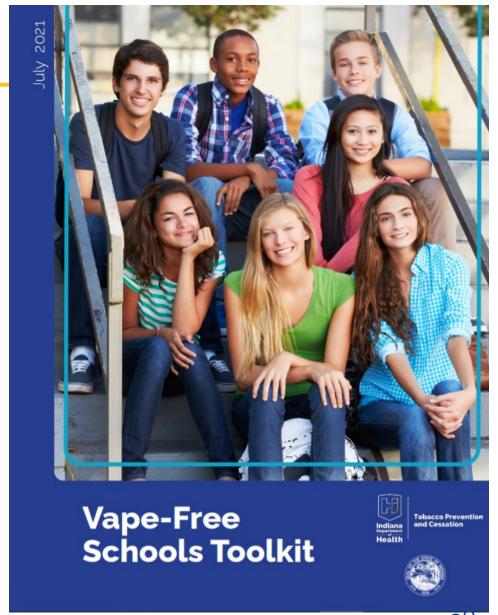
Policy

Education

Cessation support

Youth engagement

Alternatives to Suspension





## Policy checklist

In order for a school campus to be recognized as being tobacco-free, the language of the school's policy must express or imply that:

- possession or use of tobacco products in any form; such as, cigar, cigarette, pipe, chewing tobacco, electronic nicotine delivery devices/electronic cigarettes, etc.; is prohibited
- the adopted policy is effective 24 hours a day
- school buildings are tobacco-free
- school grounds are tobacco-free
- school vehicles are tobacco-free
- all students are subject to the policy's regulations
- all staff are subject to the policy's regulations
- all parents and visitors are subject to the policy's regulations

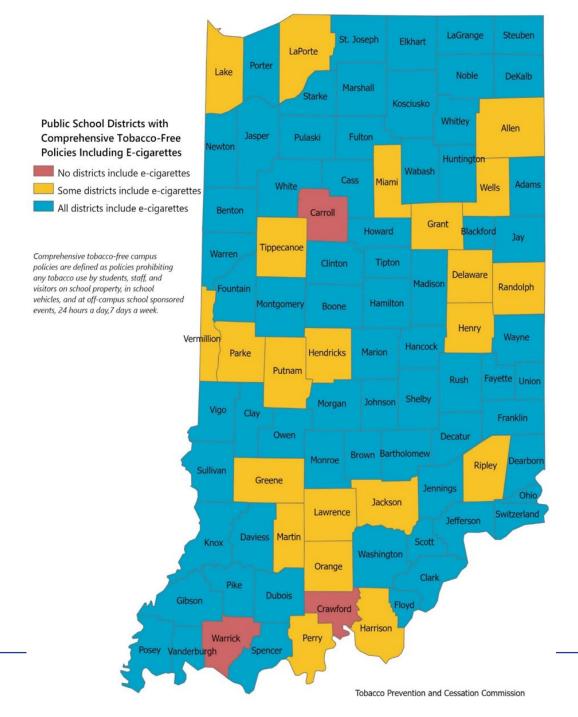


## Policy checklist

Schools are also encouraged to include additional components, such as:

- Require consistent enforcement and define consequences for violations of the policy for students, staff, and visitors
- Provide referrals to resources to help students and staff overcome addiction to nicotine and use of tobacco and vape products
- Provide annual notification of the tobacco-free and vape-free policy in school materials, including: handbooks, manuals, contracts, newsletters, and websites
- Require tobacco education for staff
- Make announcements about the policy at school-sponsored events
- Require tobacco education for students in the health education curriculum
- Provide supportive discipline options (non-punitive) for positive student outcomes







## Science of Tobacco Addiction

**Physical:** Cigarettes and other tobacco products contain an addictive chemical called nicotine, that when inhaled causes the release of a chemical called dopamine in the brain and makes you feel good.

Mental: The act of smoking or vaping is often a part of the daily routine for people addicted to tobacco.

**Social:** Many people who use tobacco develop social groups around their addiction —for example, people will head out for a smoke break with friends or coworkers.



# Traditional Punitive Measures

Traditional approaches such as suspension and expulsion for violations of a school's commercial tobacco policy may not be effective.

## Long-Term Consequences

A strict school climate negatively impacts long-term outcomes such as educational attainment, arrests, and incarceration rates for the overall student body. Male minority students are most likely to be affected.



## Long-Term Consequences

Research demonstrates that the stress, isolation, and separation that occurs when a student is expelled or suspended can increase commercial tobacco and other drug use and prolong addiction.



#### **Restorative measures**



TOBACCO-FREE SCHOOLS November 2019

### STUDENT COMMERCIAL TOBACCO USE IN SCHOOLS

**Alternative Measures** 



School policies regulating the use and possession of commercial tobacco products, including electronic delivery devices (e.g., e-cigarettes, vaping devices, JUUL, Suorin), often contain punitive measures for student violations.

This publication provides sample language and ideas for evidencebased solutions and information as to why these alternative measures may be more effective than suspension and expulsion at addressing student tobacco use and nicotine addiction as part of a school's Commercial Tobacco-Free Policy.



The sample language for alternative measures in this publication is part of the Public Health Law Center's comprehensive Commercial Tobacco-Free K-12 School Model Policy.

www.publichealthlawcenter.org

#### **Comprehensive Positive School Discipline**

- Provides schools and school staff with the appropriate tools and approaches to use with young people
- Allows young people to repair harm and teach them problem solving skills



## **Updated Tobacco Free School Policy**

All violations will result in confiscation of tobacco products and notification of parents and/or guardians

#### 1 st violation

- Student meeting and assessment
- Participate in tobacco education: CATCH or Vaping: Know the Truth
- Offer cessation resources: This is Quitting, LIVE Vape Free or 1-800-QUIT-Now

#### 2nd violation

- Student meeting and assessment
- Participate in tobacco education such as ALA's Alternatives to suspension program: INDEPTH
- Offer cessation resources: This is Quitting, LIVE Vape Free or 1-800-QUIT-Now

#### 3<sup>rd</sup> violation

- Student meeting and assessment
- Educational community service hours. This alternative can include activities related to the tobacco violation, such as cleaning up school grounds of litter or providing tobacco education to younger students.



# INDEPTH: An Alternative to Suspension or Citation





Intervention for Nicotine Dependence: Education, Prevention, Tobacco and Health (INDEPTH) is a new, convenient alternative to suspension or citation that helps schools and communities address the teen vaping problem in a more supportive way.







## **Cessation Resources**

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#### **Student Education Resources**















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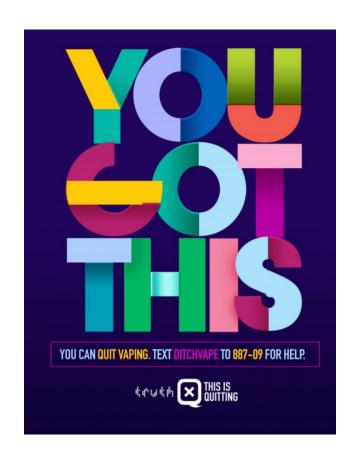


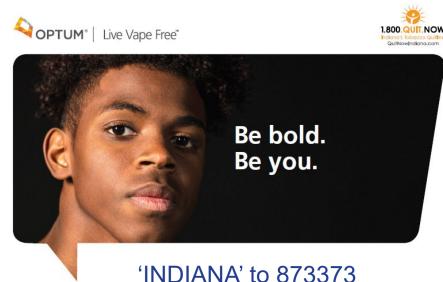
#### **Student Cessation Resources**

	Age	Live Support	Phone Counseling	Text Messaging Program	Free
This is Quitting	13-24				<
Live Vape Free	13-17	<b>~</b>			<
Indiana Tobacco Quitline	13 and older	~	>		
Smoke-Free Teen	13-19				<
Healthcare Provider	All ages				



#### **Student Cessation Resources**









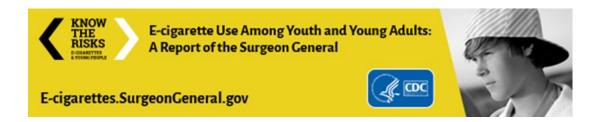
teen.smokefree.gov



#### **Resources for Adults**



## Live Vape Free™





#### **Resources for Health Care Providers**

## Pediatricians Discuss Youth E-Cigarette Use or Vaping

Parents and educators play an active role in fighting tobacco use among youth

Project ECHO with IU School of Medicine-~ 350 providers trained on treating youth vaping addiction



#### **Youth Tobacco Cessation**

Patient Care / Tobacco Control and Prevention / Youth Tobacco Cessation

aap.org/cessation



#### **Behind The Haze**

Public education campaign statewide about the harms of e-cigarette use to youth







**Snapchat** 



YouTube



Radio



**Digital Media** 



**Facebook** 





#### **Behind The Haze**



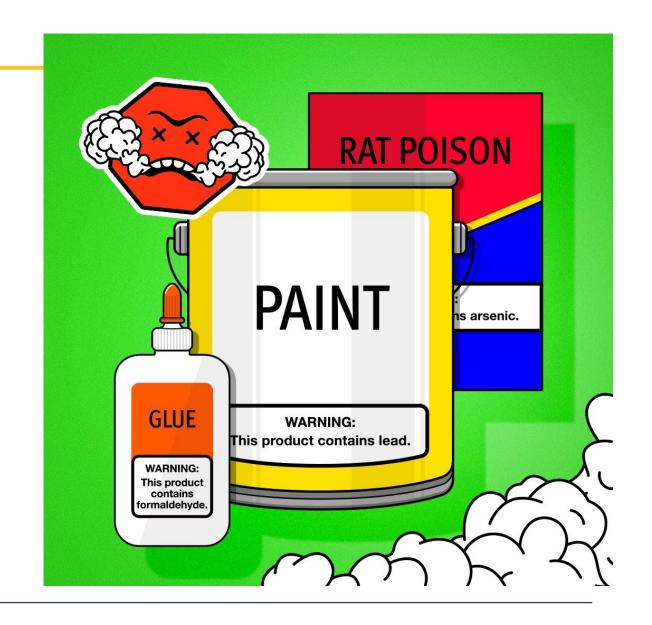






#### **IHSAA** partnership

To educate teens and parents across every corner of the state about the true dangers of vaping.





### Live Vape Frees

#### **Online courses**



Self-paced learning experiences designed to turn parents, guardians and adult advocates into quit champions

#### **Text-based action plan**



Interactive texting and meaningful content to guide teens to behavior change

#### **Coach support**



Coach support is available through chat and text



## Delivering rich online experiences to entertain and educate

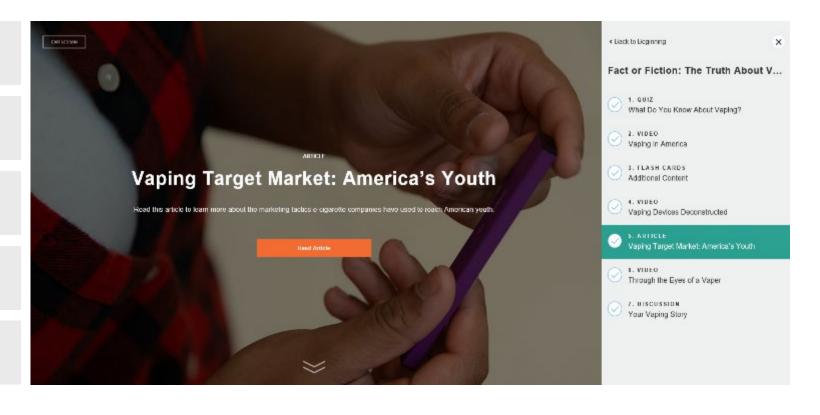
#### **Live Vape Free**







Interactive exercises





RallyHealth.com/Live-Vape-Free

#### Resources for parents/caregivers



- Helps to recognize the signs
- Tools to start the conversation, including questionnaires and quizzes







#### Designed for teens: Interactive texting with a coach

Guides teens to behavior change and helps quit vaping



A learning experience for teens ages 13–17 that's fun, easy-to-navigate, and teaches the skills to quit vaping for good

- Authentic voice
- Little-to-no barriers
- Multimedia experience
- Easy-to-access content that:
- Educates on keys to quitting
- Motivates, inspires, enlightens
- Helps teens find their "why"
- Boosts confidence
- Cadence adapts to teen's engagements





## **VOICE/Youth Empowerment**

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## What is VOICE?

VOICE IS INDIANA'S STATEWIDE YOUTH EMPOWERMENT BRAND AND PROGRAM, WHOSE INITIATIVE IS TO ENGAGE, EDUCATE, AND EMPOWER TEENS TO PROMOTE AND CELEBRATE TOBACCO-FREE LIFESTYLES.



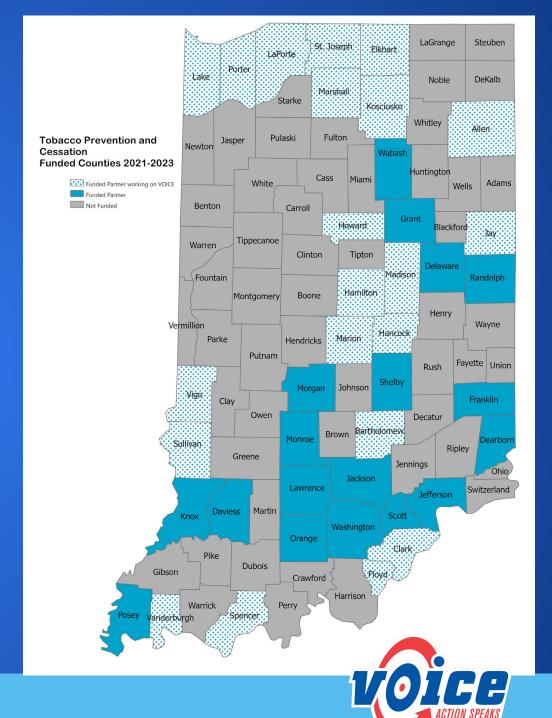


## Mission

ENGAGE, EDUCATE, EMPOWER Young people as leaders and advocates in their communities through sustained youth-adult partnerships, positive youth development and public health advocacy training.



- 21 Counties & 2 Statewide Groups
   working on VOICE
   (Indiana Latino Institute & Indiana Black Expo)
- 27 VOICE Chapters
- 120 CORE Team Leaders who plan events to educate their communities
- 342 Action Members who support those initiatives
- 2 mechanisms to ensure VOICE is youth driven –
   VOICE Youth Ambassadors and the Alumni Network







## ALLEN COUNTY



Allen County pooled resources from their community and participated in a coalition members event...
THE IMPACT EXPO!!

Great job engaging and having fun incentives to Recruit.

Shout out to Adult Ally Lynda Nguyen – 11 New Members to her team





Hancock County Voice











Making sure their voice is heard



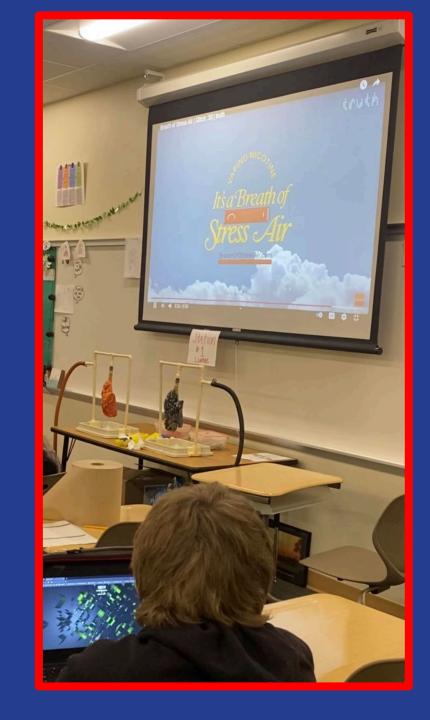
## HAMILTON COUNTY VOICE







Utilized resources from TRUTH's -Breath of Stress Air in their education to middle school students



## MADISON COUNTY















Youth and Young Adults



Secondhand Smoke Exposure



**Adult Cessation** 



Infrastructure



**Tobacco Prevention** and Cessation

2025 Strategic Plan Priority Areas



IN INDIANA



Tobacco Prevention and Cessation Funded Counties 2021-2023

Funded

Not Funded

\* Additional Funded Partners

























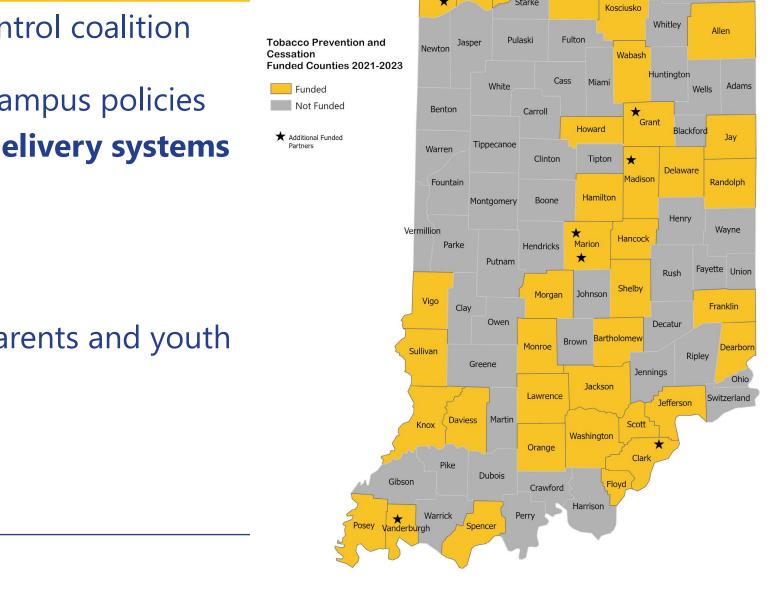






## We're here to help!

- Connect with a local tobacco control coalition
- Implement 100% tobacco-free campus policies including electronic nicotine delivery systems (e-cigarettes)
- Help educate your communities
- Promote tobacco cessation to parents and youth



Lake

St. Joseph

Marshall

DeKalb

Noble



## **Questions?**



#### **Contact Information**

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