

FLAVOR BAN S.24

HEART DISEASE, TOBACCO, AND VAPING

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PAST

51% to 17%

Decrease in smoking in American males 1965 to 2015

34% to 14%

Decrease in smoking in American females 1965 to 2015

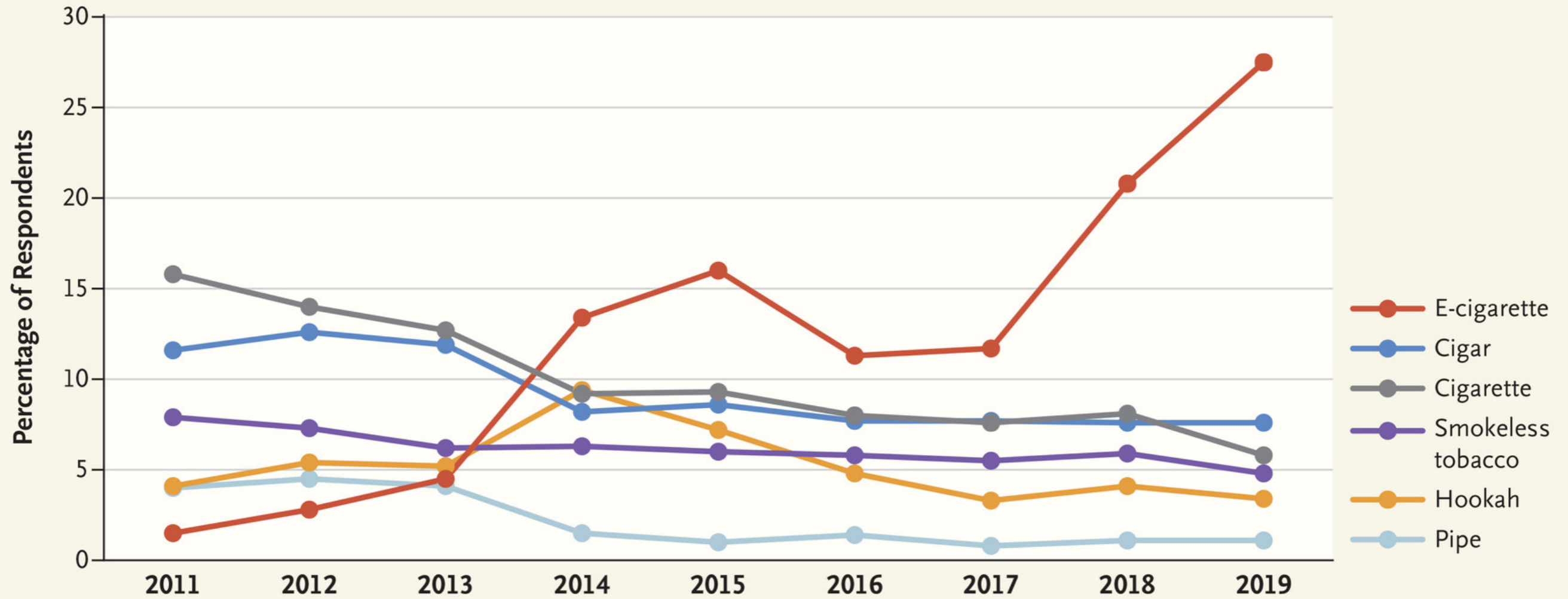
13% to 3%

Decrease in smoking in American youth age 12-17 2002 to 2016

16% to 8%

Decrease in smoking in American high school students 2011 to 2016

PRESENT



CDC data for various tobacco product usage in US teens, *NEJM* 2020.

22%

Smokers amongst all cath lab procedures at UVMHC 2019-2020

1055

Stent procedures UVMHC FY2020

210

Large heart attacks (STEMI) treated at UVMMC FY2019

48%

Patients with large heart attacks at UVMMC and in recent international trials who are current smokers

\$13,314.20

Medicare payment in Vermont for acute myocardial infarction with complications in 2018 (DRG 280)

\$4,260,102.24

Total Medicare payments for treatment of 418 Vermonters (statewide data) with acute myocardial infarction in 2018 (DRG 280, 281, 282, and 283)

\$11,412.12

Medicare payment in Vermont for acute congestive heart failure and cardiogenic shock with complications in 2018 (DRG 291)

\$8,961,068.77

Total Medicare payments for treatment of 886 Vermonters (statewide data) with CHF/shock in 2018 (DRG 291, 292, and 293)

HEART ATTACK

CONGESTIVE HEART FAILURE

ATRIAL FIBRILLATION
VENTRICULAR TACHYCARDIA
UNSTABLE ANGINA
HEART ATTACK
STABLE ANGINA
CARDIAC ARREST
CARDIOGENIC SHOCK
CONGESTIVE HEART FAILURE

ECTOPIC PREGNANCY
CERVICAL CANCER
OSTEOPOROSIS
STROKE
EMPHYSEMA
LUNG CANCER
PULMONARY EMBOLISM
INFERTILITY
LIVER CANCER
TYPE 2 DIABETES
SIDS
BLADDER CANCER
POOR DENTAL HEALTH
HEALTH
LEUKEMIA
DEEP VENOUS THROMBOSIS
PANCREATIC CANCER
CHRONIC BRONCHITIS
CATARACTS
COLON CANCER
LOW BIRTH WEIGHT
PERIPHERAL VASCULAR DISEASE

ATRIAL FIBRILLATION
VENTRICULAR TACHYCARDIA
UNSTABLE ANGINA
HEART ATTACK
STABLE ANGINA
CARDIAC ARREST
CARDIOGENIC SHOCK
CONGESTIVE HEART FAILURE

1000

Estimated number of Vermonter deaths caused by smoking each year

\$348m

Annual Vermont health care costs directly caused by smoking

\$866

Per household state and federal tax burden from smoking-related government expenditures

\$15.5m

Estimated annual tobacco industry marketing spend in Vermont

FUTURE (?)

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WARNING: This product contains nicotine. Nicotine is an addictive chemical.



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★ REVIEWS



UNICORN VOMIT

★★★★★ 215 Reviews

\$2.49

* Amount:

-- Please Choose an Option --

* Nicotine Strength:

-- Please Choose an Option --

* Mix:

-- Please Choose an Option --

Add Menthol:

-- None --

Add Sour:

-- None --

Add Sweetener:

-- None --

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Overview

Product Description

This is one our best sellers in our retail store. Imagine you're 9 and your mom let you get whatever you wanted at the store and you chose the most sugar-filled, sour powder you could find. The kind that stains your tongue blue and bites at the back of your mouth with a sweet and sour punch! With hints of fruit and candy after notes, it'll bring out your inner child. *This juice will need steeping and airing out even after delivery to bring out the fullest flavor.

Made with the highest quality ingredients our E-Juice is 100% USA made. Your order will be custom filled when it is placed, instead of having an old juice with and unknown manufactured date you will only receive the freshest quality juice available. Ingredients used in our E-Juice are USP food grade. We are confident our 100% USA made E-Juice will not only taste good but also calm your nicotine needs. Steeping(aging) may be required in order to bring out the fullest flavor of our juice. You must be 18 years of age to purchase this product.

Other top rated products



E-Juice Flavoring
★★★★★ (475)
\$7.49



70ml & 125ml Five Bo...
★★★★★ (509)
\$46.99



32ml Five Bottle Samp...
★★★★★ (634)
\$31.49



Extreme Ice
★★★★★ (267)
\$11.99

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\$11.99

BESTSELLERS, flavorwest.com

1. Cake (Yellow)
2. Blueberry
3. Sweetener
4. Menthol (Liquid)
5. Kiwi
6. Strawberry
7. Grape Soda
8. Cake Batter Dip

BESTSELLERS, thevapemall.com

1. Extreme Ice
2. Menthol
3. Dragon Juice
4. RY4 (caramel and vanilla)
5. Unicorn Vomit
6. Spearmint
7. Vanilla Custard V2
8. Western Cowboy

3x-8x

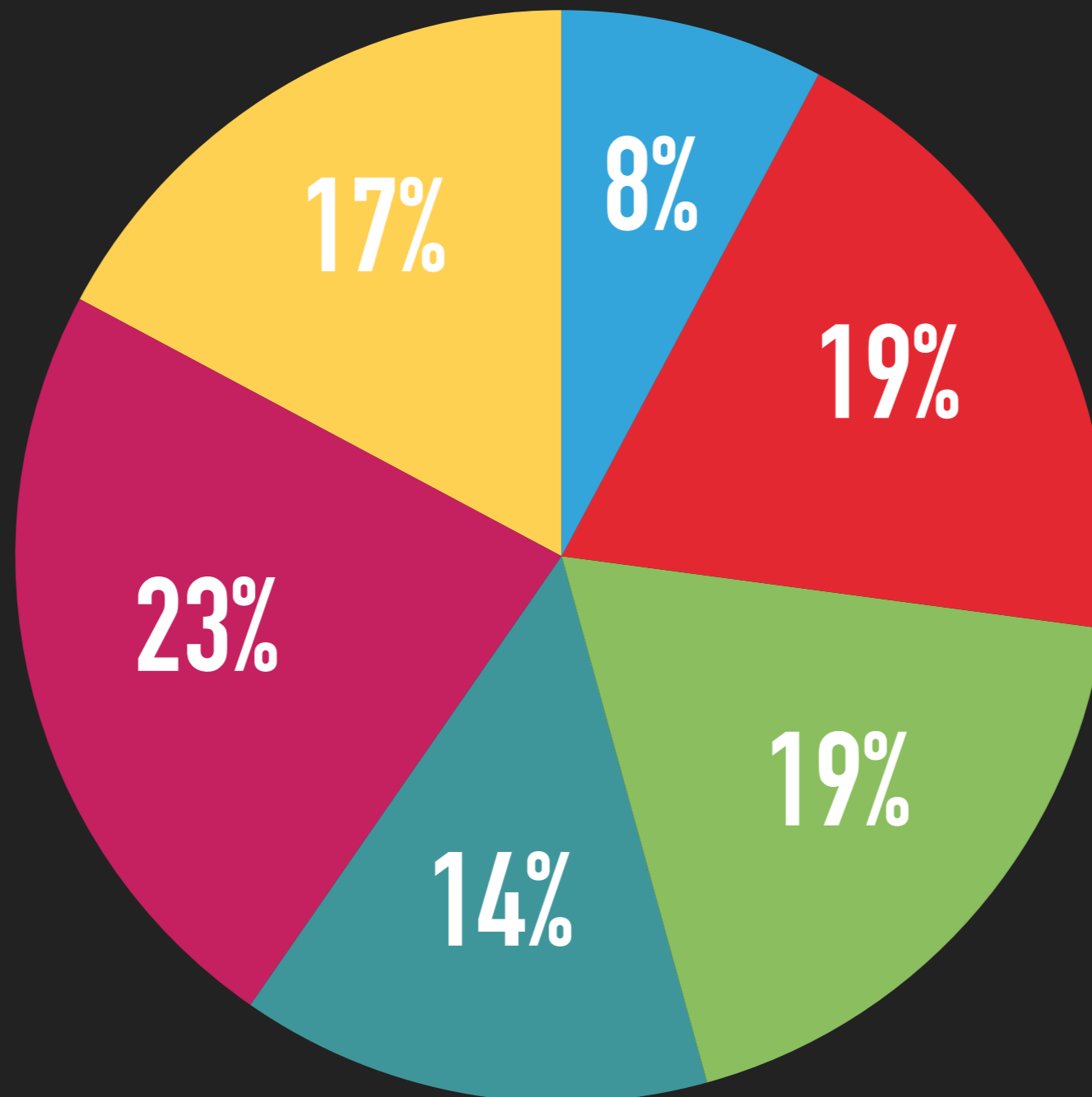
Likelihood that e-cig user subsequently starts smoking (compared to non-users)

NATIONAL HEALTH INTERVIEW SURVEY BY THE CDC

n=96,467 > age 18

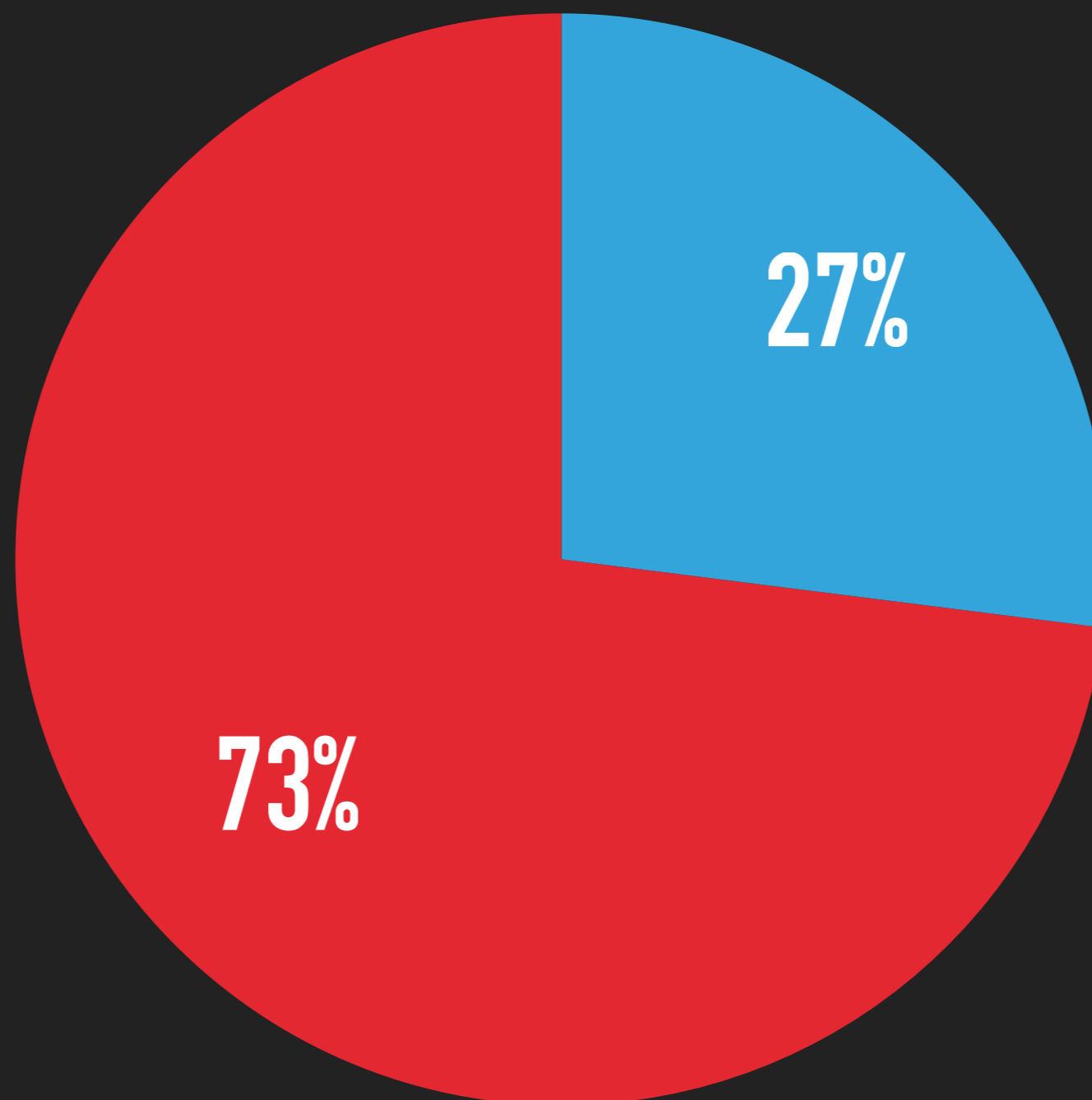
2014, 2016-17

- Less than high school
- High school/GED
- Some college
- Degree
- BA, BS, AB, BBA
- Masters/Prof/Doct



● High school or less

● College or more

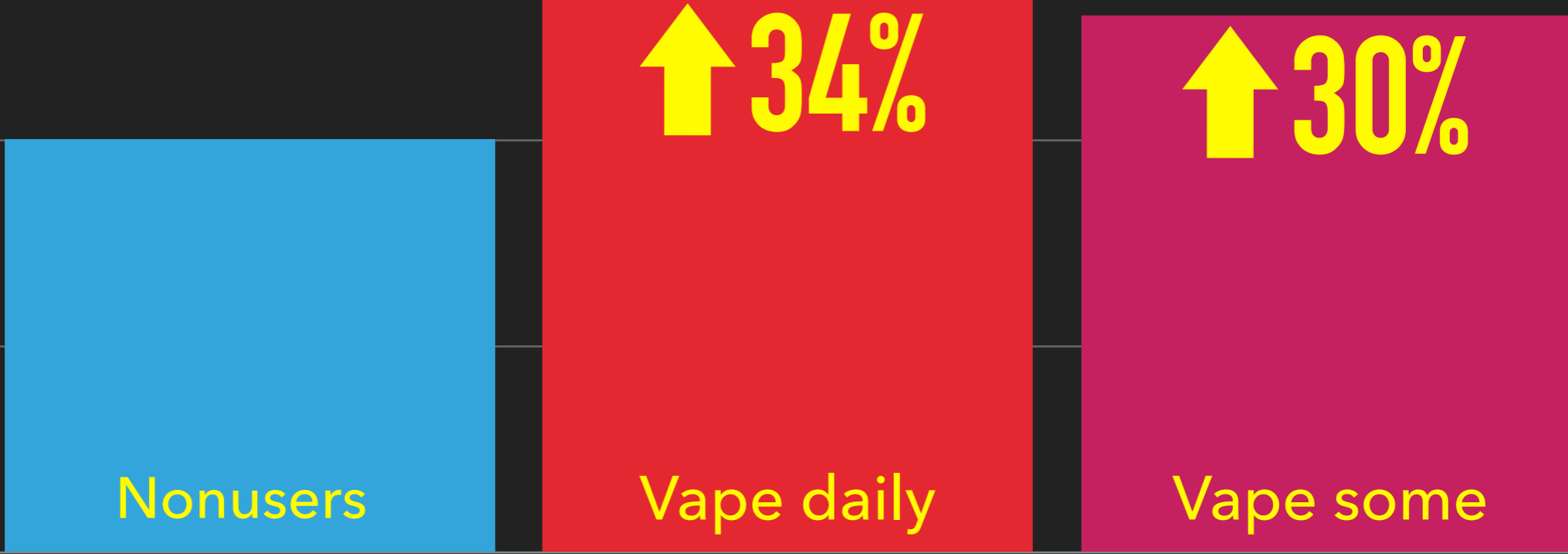


Controlled for cardiac risk factors

(age, sex, BMI, cholesterol, hypertension, and smoking)

Odds

3
2.5
2
1.5
1
0.5
0



HEART ATTACK

Association, not causation

Decreased heart rate variability suggestive of increased sympathetic tone similar to smoking cigarettes (*JAMA Cardiology*, 2017)

Increased LDL oxidizability compared to non-smokers
(*JAMA Cardiology*, 2018)

Vaping nicotine-free products causes vascular dysfunction on MRI in otherwise healthy volunteers. (*Radiology*, 2019)

Vaping nicotine-free products causes increased markers of inflammation in healthy volunteers. (*Am J Physiology*, 2019)

E-cigarette use produced an adverse lipid profile and glucose alterations in a pattern similar to smoking. (*Circulation*, 2019)

Chronic E-cigarette users demonstrate more persistent coronary endothelial dysfunction than chronic combustible cigarette users.
(*Circulation*, 2019)

E-cigs cause alteration in cardiac structure and function in diet-induced obese mice (*PLoS One*, 2020)

E-cigs cause elevated cellular oxidative stress in circulating immune cells in otherwise healthy young people (*JAHA*, 2020)

Users of vape products have impaired endothelial function similar to users of combustible tobacco products. (*JAHA*, 2020)