

Senate Bill 182

**Raising the Minimum Age
to Buy, Sell, and Possess
Tobacco and E-Cigarettes
to Age 21**

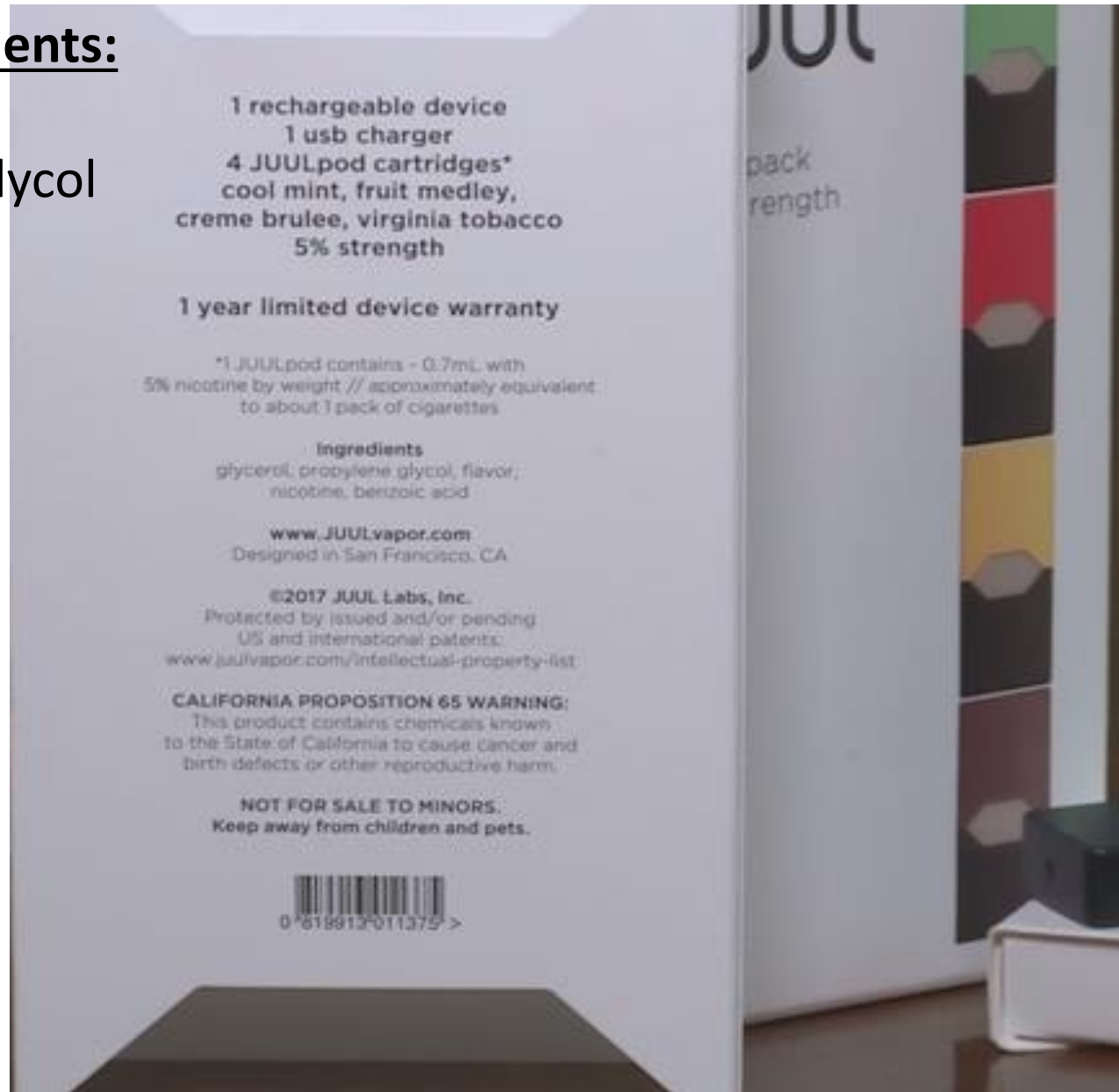
“T-21”

A Large Variety of Delivery Options



5 Given Ingredients:

1. Glycerol
2. Propylene Glycol
3. Flavors
4. Nicotine
5. Benzoic Acid



Other Ingredients Found:

Acetaldehyde – Cancer Causing
Acrolein- created by heating up
glycerin, can damage lungs and
contribute to heart disease

Diacytal – causes popcorn lung
(bronchiolitis obliterans)

Antifreeze

Arsenic

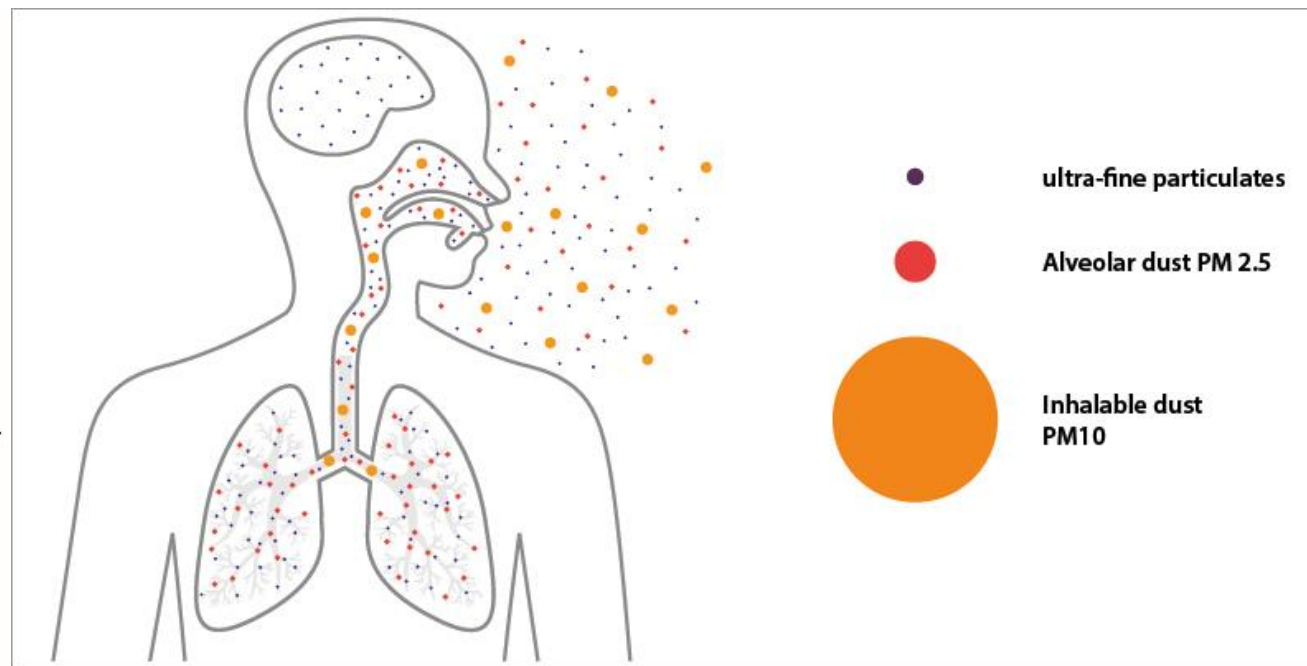
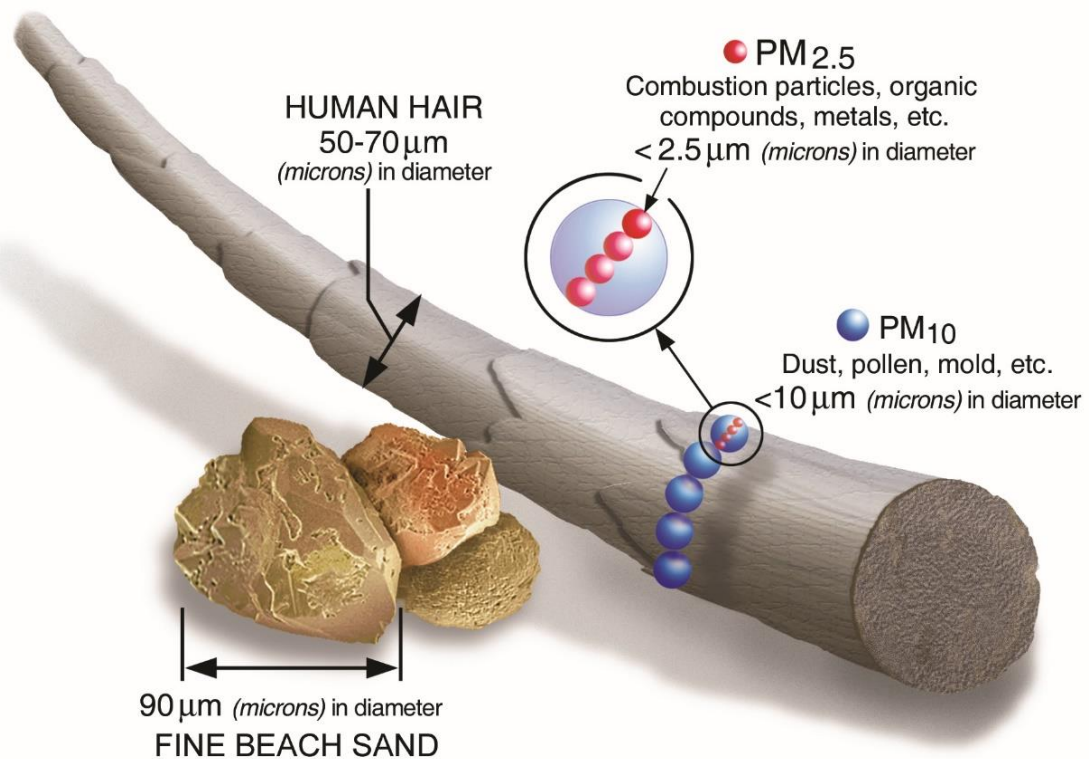
Benzene

Cadmium

A variety of Carcinogens

Formaldehyde

Heavy Metals: Lead, Nickel,
Tin, Aluminum, Mercury



E-CIGARETTE AEROSOL: NOT JUST A VAPOR

E-cigarette juices can contain harmful and potentially harmful ingredients, including:

- Ultrafine particles that create an aerosol (not water vapor)
- Flavorents such as diacetyl, a chemical linked to serious lung disease
- Volatile organic compounds
- Heavy metals, such as nickel, tin, and lead
- Nicotine
- Benzoic Acid in pod systems to create nicotine salts



\$50 for starter kit

\$35

\$6

\$16 for 4
\$10 for 2

The E-Cigarette Catch

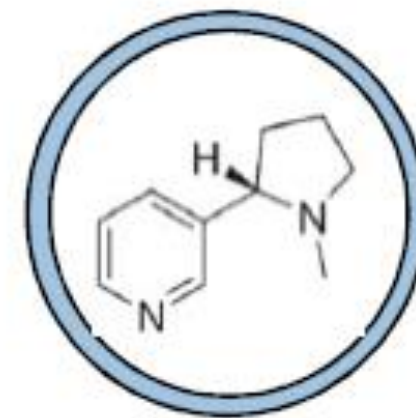
Advertising



Flavors



Nicotine



E-Cigarette Marketing

R.J. Reynolds Then



R.J. Reynolds Now



Youth are targets of industry marketing. While the legislation protects advertising of tobacco products on the left, vapor product marketing is totally unregulated.



JUUL Ads

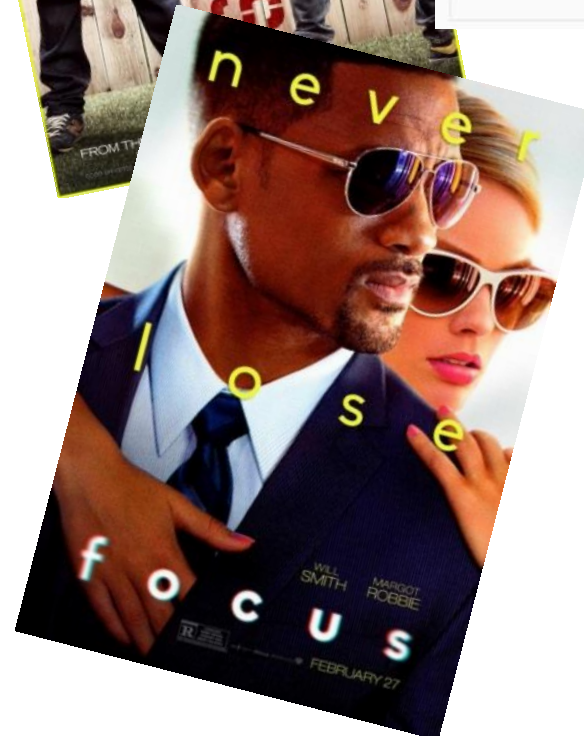


Celebrity/Movie/Social Media Influencer Endorsements

Leonardo DiCaprio at the Oscars

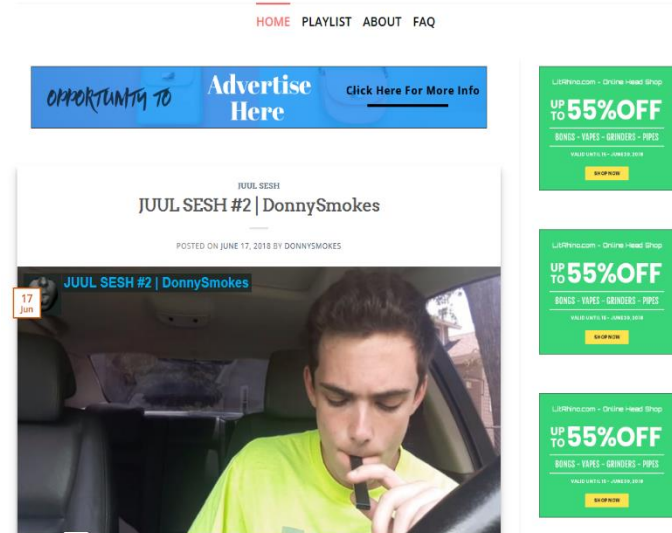


Katherine Heigl on David Letterman




Influencers are paid ~\$1000 per post

DonnySmokes



Social Media – Instagram/Twitter/Youtube

 | Instagram

[Log In](#) [Sign Up](#)



#juulnation

11,095 posts

Top Posts



Vape tricks



My First Time Vaping With Friends!

Jess Lizama

6 months ago • 335,959 views

Sounds like a meme, moms who vape but I had THE best time with my best babes! This product DOES NOT contain the popcorn ...

6:51



Top 5 Beginner Vape Mistakes | NO.1 EJUICE UK

No.1 EJuice

4 months ago • 674,000 views

Your One-stop Vape Shop Online & In-store! New Arrivals!

<https://www.no1ejuice.com/new-e-liquid-products/> This video is here to ...

7:02



Ok lets talk about "WETLUNG" and vaping

GrimmGreen

1 month ago • 141,065 views

Please read the description below for all advocacy links and or product / Juice links #DoSomething #GetInvolved THE FDA ...

10:47



Vaping in front of my mom for the 1st time..

Infinite Lists

4 months ago • 1,582,172 views

Vaping In Front Of My Mom For The First Time.. I hope you enjoyed this funny video! No, I don't vape! And for all you kids out there.

6:57



☆☆ Vaping on a Budget - Best Regulated Mods ☆☆

VapnFagan

3 months ago • 158,086 views

ASMODUS minikin REBORN 1.5 69.95

<https://www.vaporrange.com/asMODus-Minikin-Reborn-168W-Mo...>

Nicotine Disguised as Flavors



6 NEW FLAVORS!!!

BLUE LAGOON Dive Into A Luscious Lagoon of Fresh Blueberry Custard Cake	PARADISE TREASURE A Rich Blend Of Chocolate Eclair, Vanilla Custard & Caramel	STRAWBERRY LAVA An Explosion Of Creamy & Smooth Strawberry Custard Cake
SOUR TURTLES Pucker Up With A Tart Sour Apple Candy Flavor	BONFIRE The Classic Bonfire Desert of Cinnamon Gram Crackers, Milk Chocolate & Marshmallow	MERMAID KISS A Delicious Tart & Sweet Cherry Custard Pie

Strawberry Cupcake Recipe



KOWABUNGA KIWI
A tubular twist of kiwi strawberry & fruit punch

PINEAPPLE EXPRESS
Enjoy the fusion of pineapple & banana

PARADISE VAPE
Premium E-juice

a Product of **California**
MADE IN THE USA

Percentage of products that contained nicotine

- 99.6% of disposable e-cigarette sales
- 100% of rechargeable sales
- 99.5% of refill sales

Percentage that contained nicotine by product type

- 99.6% of all e-cigarette products sold
- 99.4% of flavored e-cigarette products
- 99.9% of non-flavored e-cigarette products

Sales of Nicotine-Containing Electronic Cigarette Products: United States, 2015

Steph C. Hargrett, MPH, PhD, C. Gannon, BS, Todd Rogers, PhD, John W. Cook, BS, Todd Boyd, PhD, PhD, and
David A. Asch, MD, MPH

Objective: To assess the proportion of electronic cigarette (e-cigarette) products sold in the United States that contain nicotine according to retail scanner data.

Methods: We obtained and analyzed retail scanner data from January 1, 2015, to December 31, 2015, from The Nielsen Company for consumer products. Supermarkets, mass merchandisers, drug, food, and other stores, and departments of different supermarkets, the data did not include purchases from tobacco specialty shops, "vape shops," or online retailers. Nicotine content was assessed by product type (disposable, rechargeable, and refill), region, and flavor (tobacco and non-tobacco) using product codes (Universal Product Codes). For the 26.7% of items lacking nicotine content information, we conducted internet searches by brand, product, and flavor.

Results: In 2015, 99.6% of e-cigarette products sold contained nicotine, including 99.6% of disposables, 100% of rechargeables, and 99.5% of refills. Overall, 99.7% of flavored e-cigarette products and 99.4% of non-flavored e-cigarette products contained nicotine.

Conclusions: In 2015, almost all e-cigarette products sold in the United States did not and other national agencies completed nicotine.

Public Health Implications: Findings reinforce the importance of warning labels for nicotine-containing products, rigorous reporting, and regulatory compliance for retailers. *JAMA Public Health*. Published online ahead of print March 21, 2017; doi:10.1093/japh.2017.200409

Electronic cigarette (e-cigarette) use has increased rapidly in the United States, with sales of e-cigarettes rising from less than \$10 million in 2010 to more than \$10 billion in 2015.^{1,2} E-cigarettes are used by people of all ages, including young adults, and have been associated with reduced smoking rates.^{3,4} However, e-cigarettes are not risk-free, and their use has been associated with health risks, including lung injury and death.^{5,6} The Centers for Disease Control and Prevention (CDC) has issued warnings about the risks of e-cigarette use, and the Food and Drug Administration (FDA) has issued warnings about the risks of e-cigarette use.^{7,8}

Despite the risks, e-cigarettes are still popular, and their use is expected to continue to grow. In 2015, the CDC estimated that 1.6 million people used e-cigarettes daily, and the number of people using e-cigarettes is expected to increase to 2.5 million by 2020.⁹ The CDC also reported that 1.6 million people used e-cigarettes daily, and the number of people using e-cigarettes is expected to increase to 2.5 million by 2020.⁹

Although e-cigarettes are not risk-free, they may be less harmful than traditional cigarettes, especially among people who smoke cigarettes, as they contain less tar and nicotine. However, e-cigarettes are not risk-free, and their use has been associated with health risks, including lung injury and death.^{5,6}

METHODS

To assess the proportion of e-cigarette products sold in the United States that contain nicotine, we analyzed retail scanner data from January 1, 2015, to December 31, 2015, from The Nielsen Company. The Nielsen Company provides data on consumer products, including e-cigarettes, to its members, including retailers, manufacturers, and distributors. The Nielsen Company provides data on consumer products, including e-cigarettes, to its members, including retailers, manufacturers, and distributors. The Nielsen Company provides data on consumer products, including e-cigarettes, to its members, including retailers, manufacturers, and distributors.

We categorized e-cigarette products into 3 types: (1) disposables, (2) rechargeables, and (3) refills. Disposable e-cigarettes are pre-filled and cannot be refilled. Rechargeable e-cigarettes are pre-filled and can be refilled. Refill e-cigarettes are sold in bulk and can be refilled.

Nicotine Content

We assessed nicotine content by product type, region, and flavor.

What are the Health Risks of E-Cigarettes?

E-cigarettes are **not** a quit smoking product



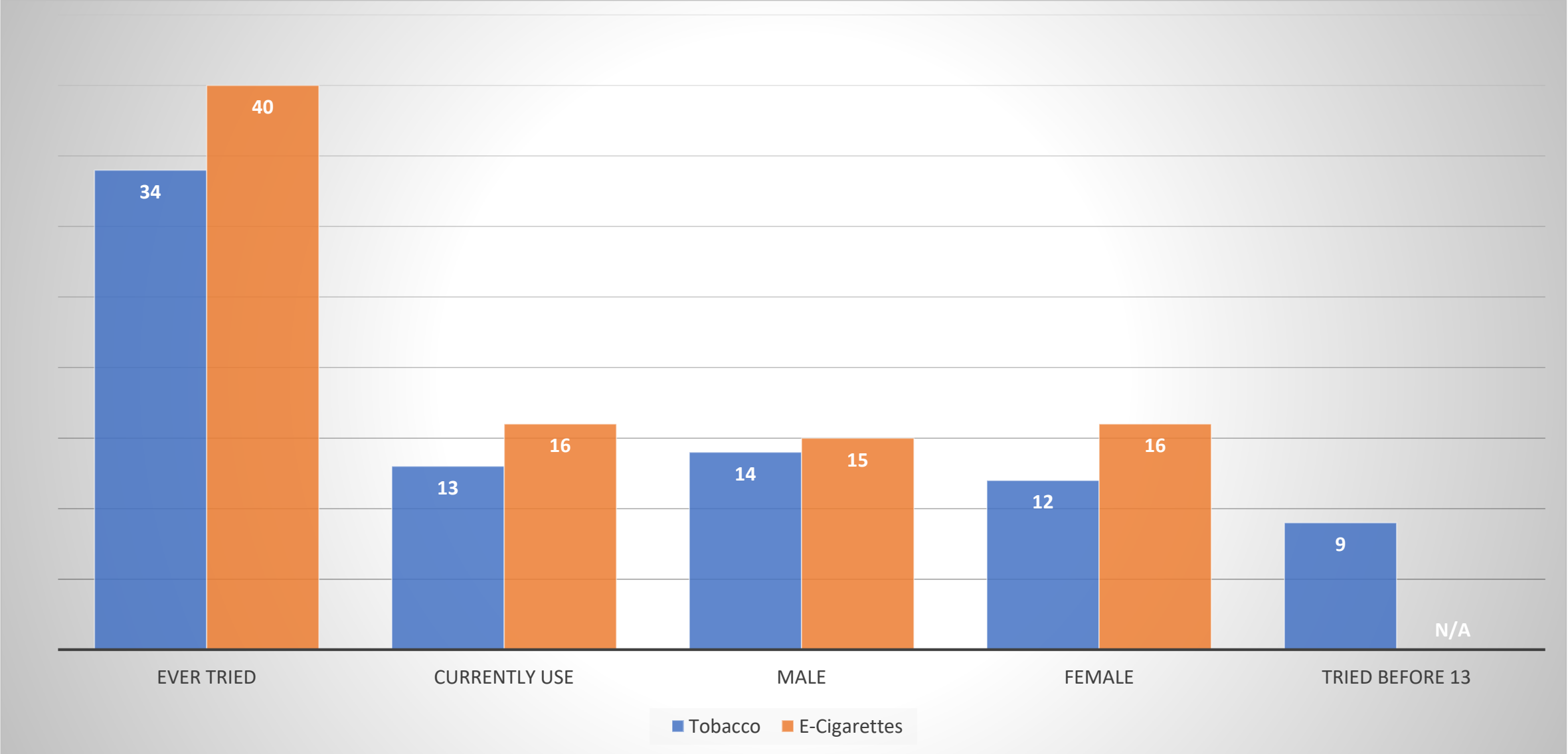
The Food and Drug Administration has not found any e-cigarette to be safe or effective in helping smokers quit.

E-cigarettes help sustain the addiction to nicotine and tobacco. “Quitting” means ending the addiction.

- More than half of all adult e-cigarette users continue to use traditional cigarettes at the same time.
- Only 10.1 percent of the smokers who used e-cigarettes had quit smoking after six months compared to 26.6 percent of smokers who did not use e-cigarettes



2017 Alaska Youth Risk Behavioral Survey: Current Use Rates



Recent Confiscations



**These devices are
in our schools.**



The face of this watch detaches from the band and can be used to inhale nicotine vapor. It was confiscated from a student at Service High School in Anchorage. (Mayowa Aina/ Alaska Public Media) Jan 2020

1994 – The “Waxman Hearings” – After 50+ years, the CEO’s of the major U.S. cigarette manufacturers appear before Congress, swearing under oath that their products (nicotine in particular) were neither addictive nor harmful to human health.



2007-present – Industry advocates insist E-Cigarettes are neither addictive nor harmful, that they are safe, a healthy alternative to tobacco, and that more time, research and data is needed to study its effect on human health.