# Seeing Through the Vapor

Presented by: Andy Duran, CEO

Lake Forest, IL golead.co



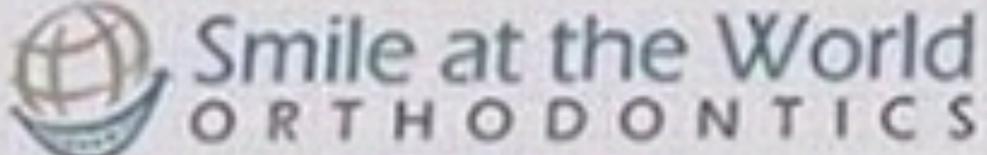
# Seeing Through the Vapor

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SmileAtTheWorld.com





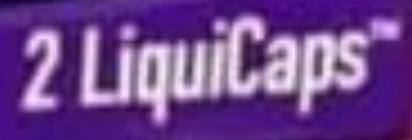
From the Makers of vicks' NyQuil

## earQui HYBERNATE



Sleep through the entire year

End 2020 Fast'



STHEFITPHARMACIST

\*CAUTTON: 2021 COMED IN WHITEE DAKE AT YOUR OWN RESK





















reesewitherspoon . Follow



reesewitherspoon 🧼 Yup. #2020challenge

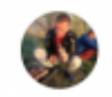
18w





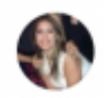
farm\_goddess Accurate

7w Reply



serzhik6917 Всегда красивая

6w Reply



andrea.ontaneda.m



6w Reply









•••

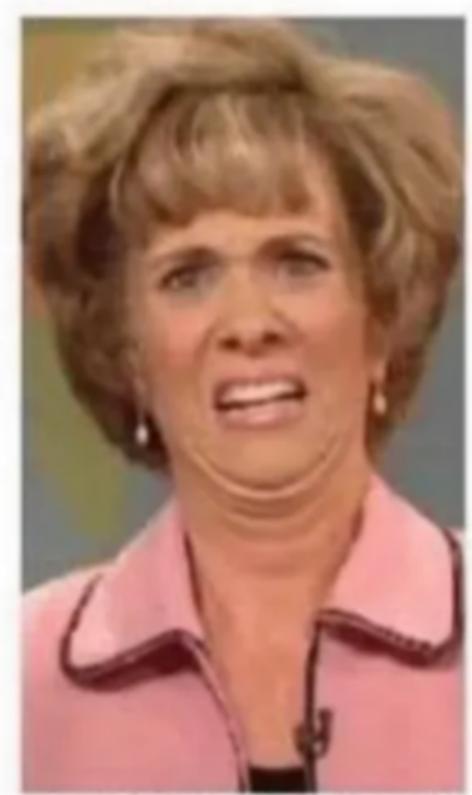
Liked by katherinegianni and others

AUGUST 4

Add a comment...

Post

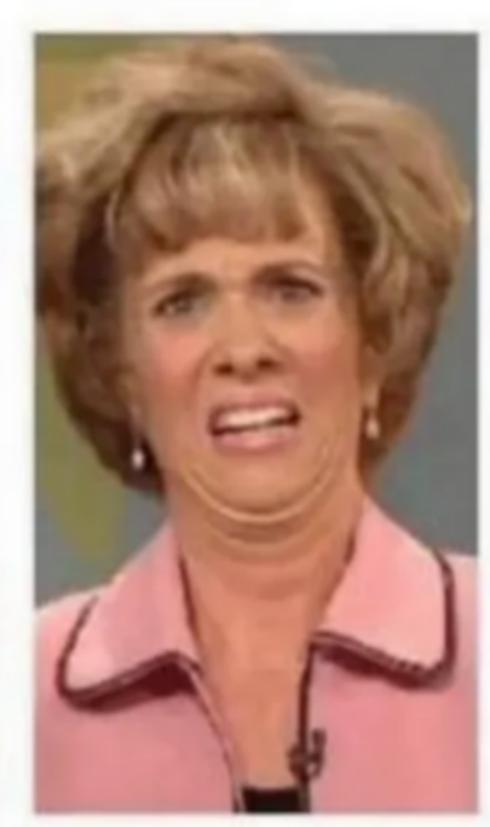
#### Every parent right now



STARTING SCHOOL
IN PERSON



STARTING SCHOOL ONLINE

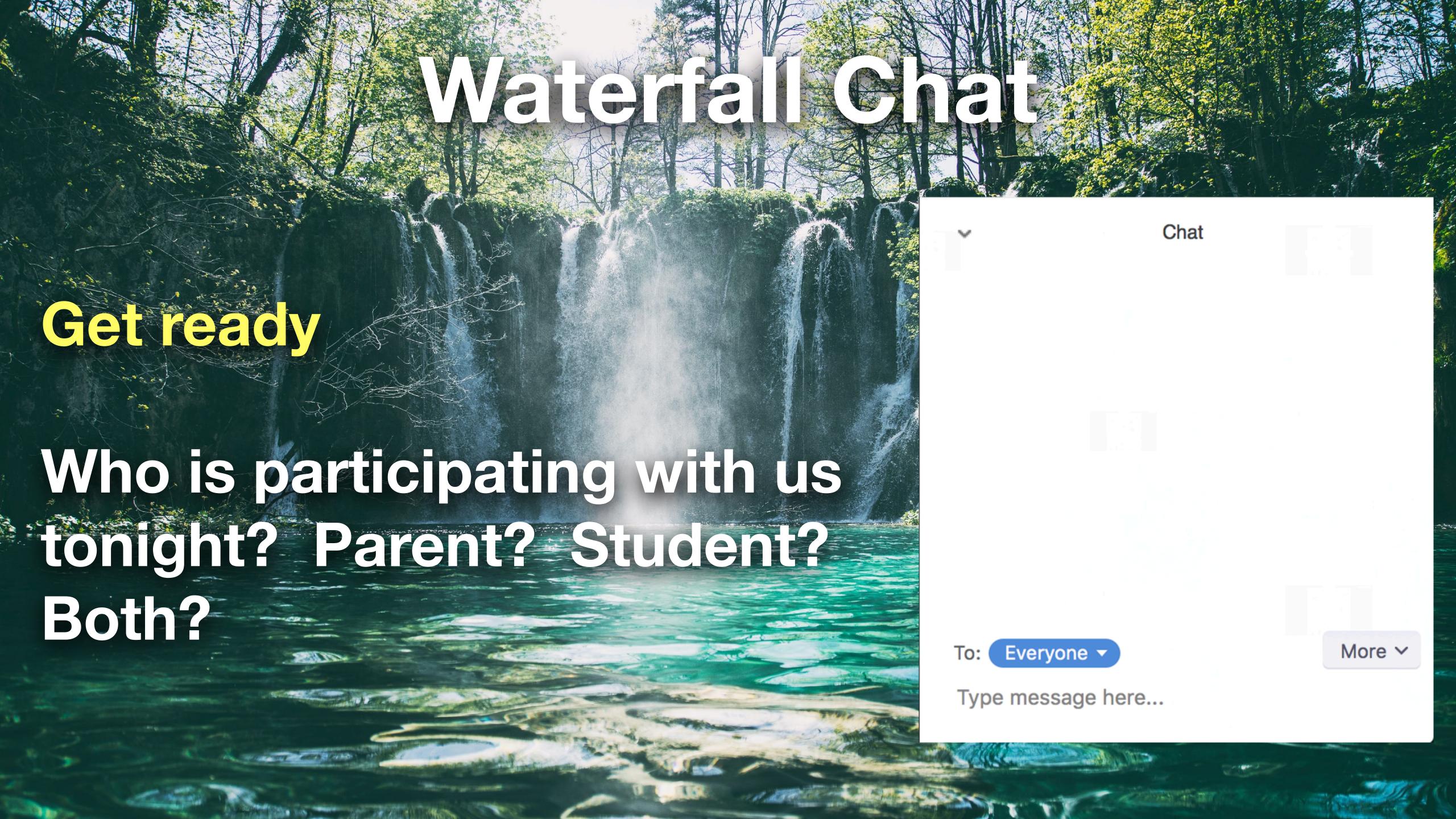


HOMESCHOOLING

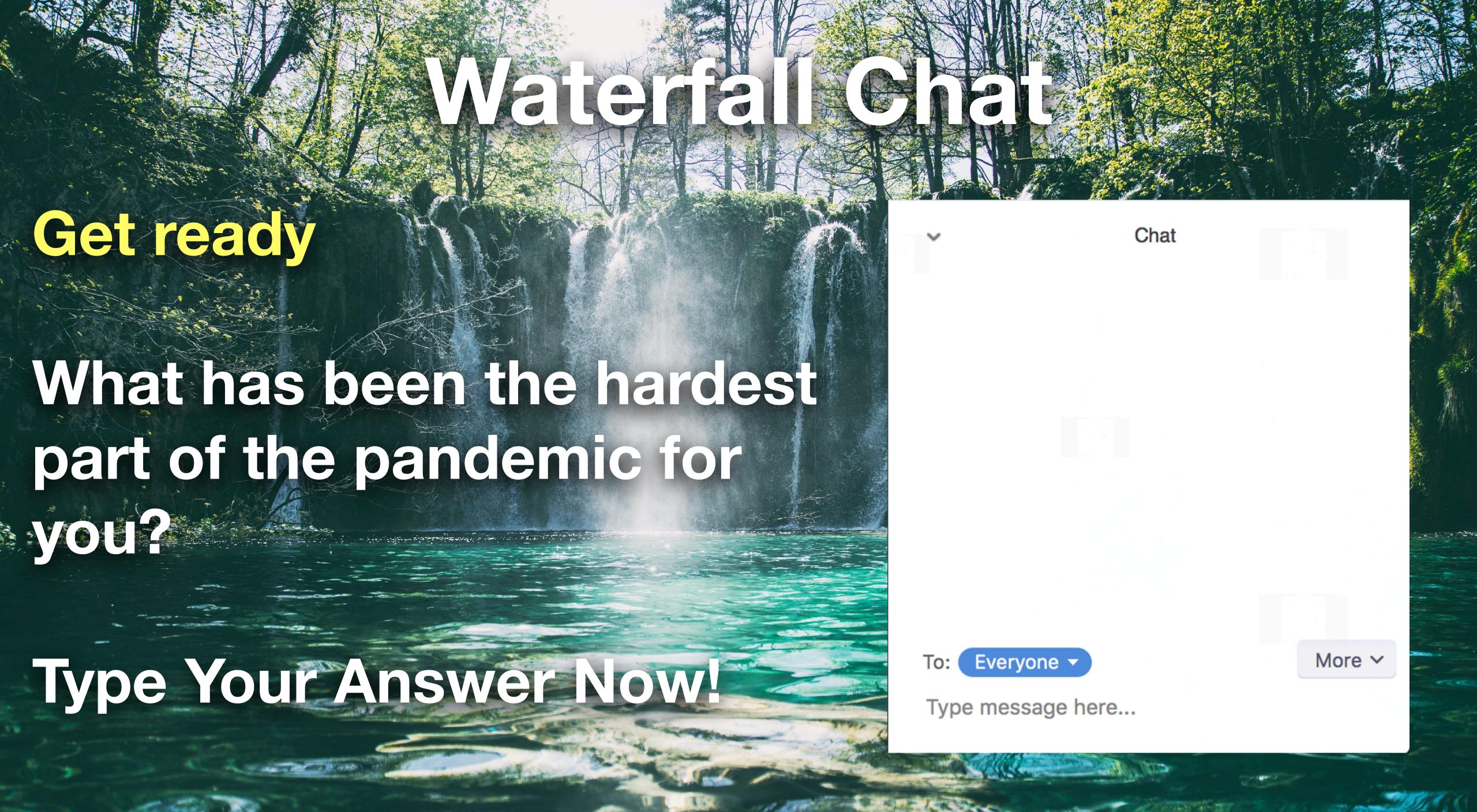












## 

Get ready

What has been the hardest part of the pandemic for you?

Type Your Answer Now!

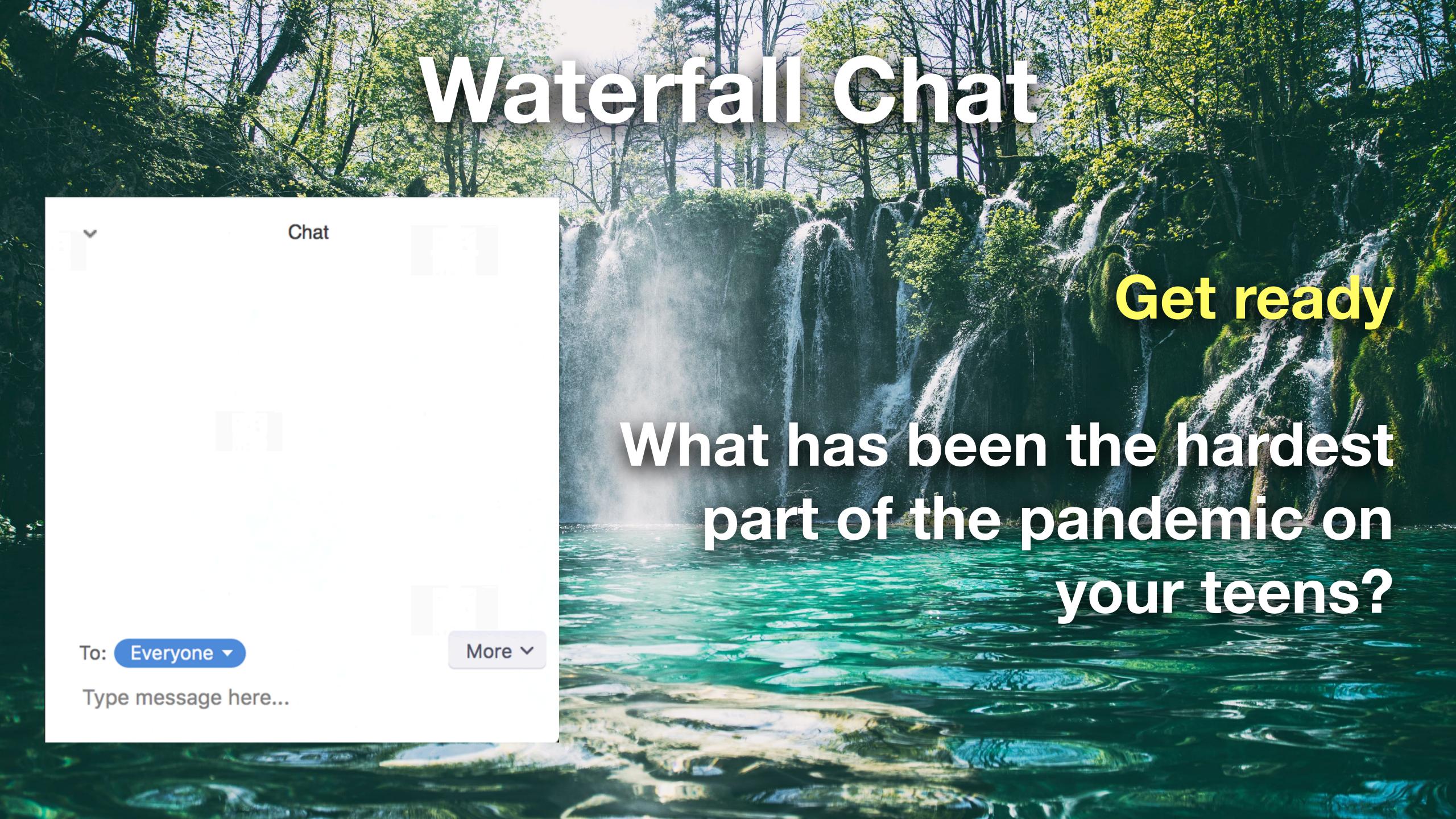
Chat



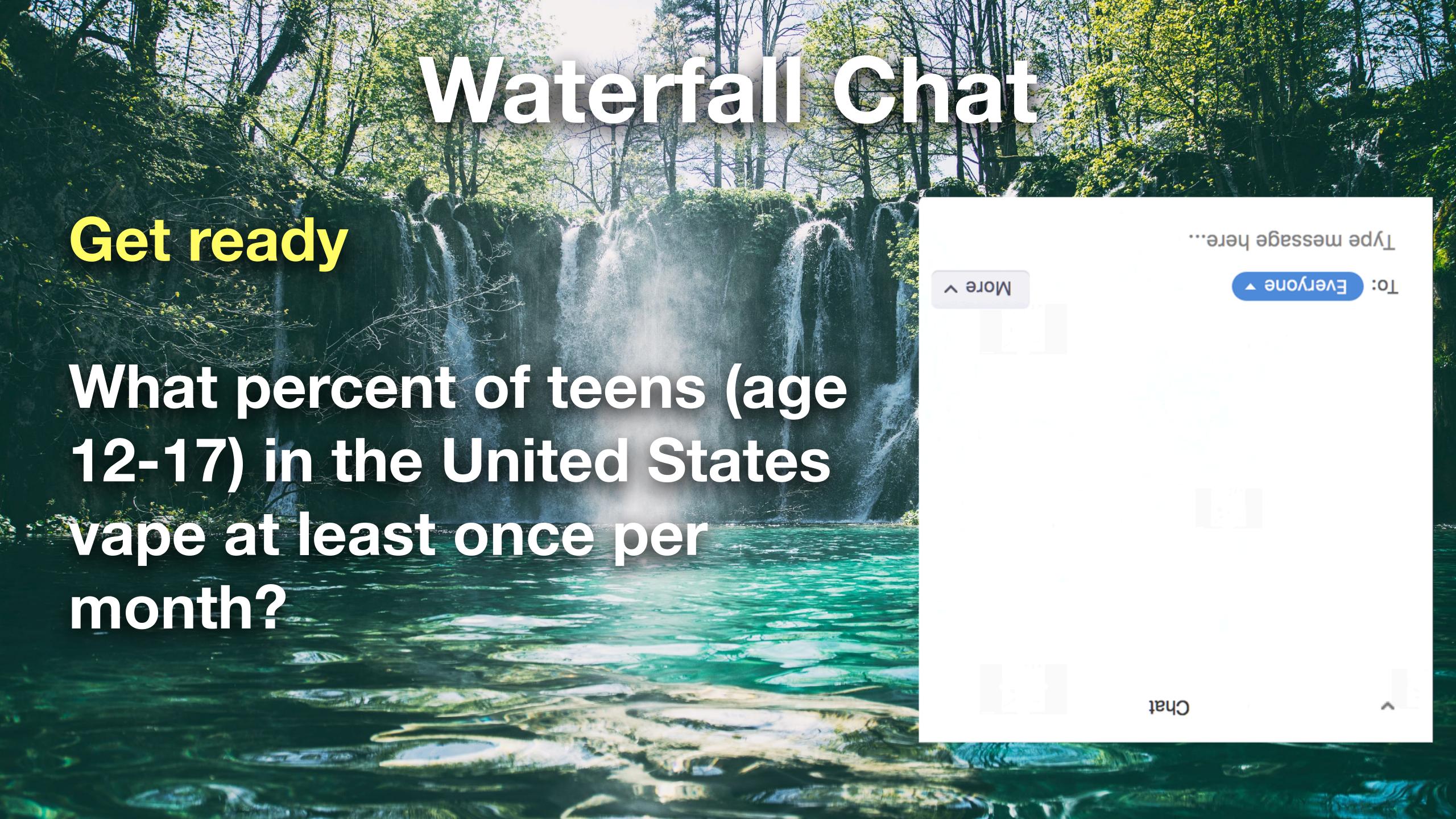
To: Everyone ▼

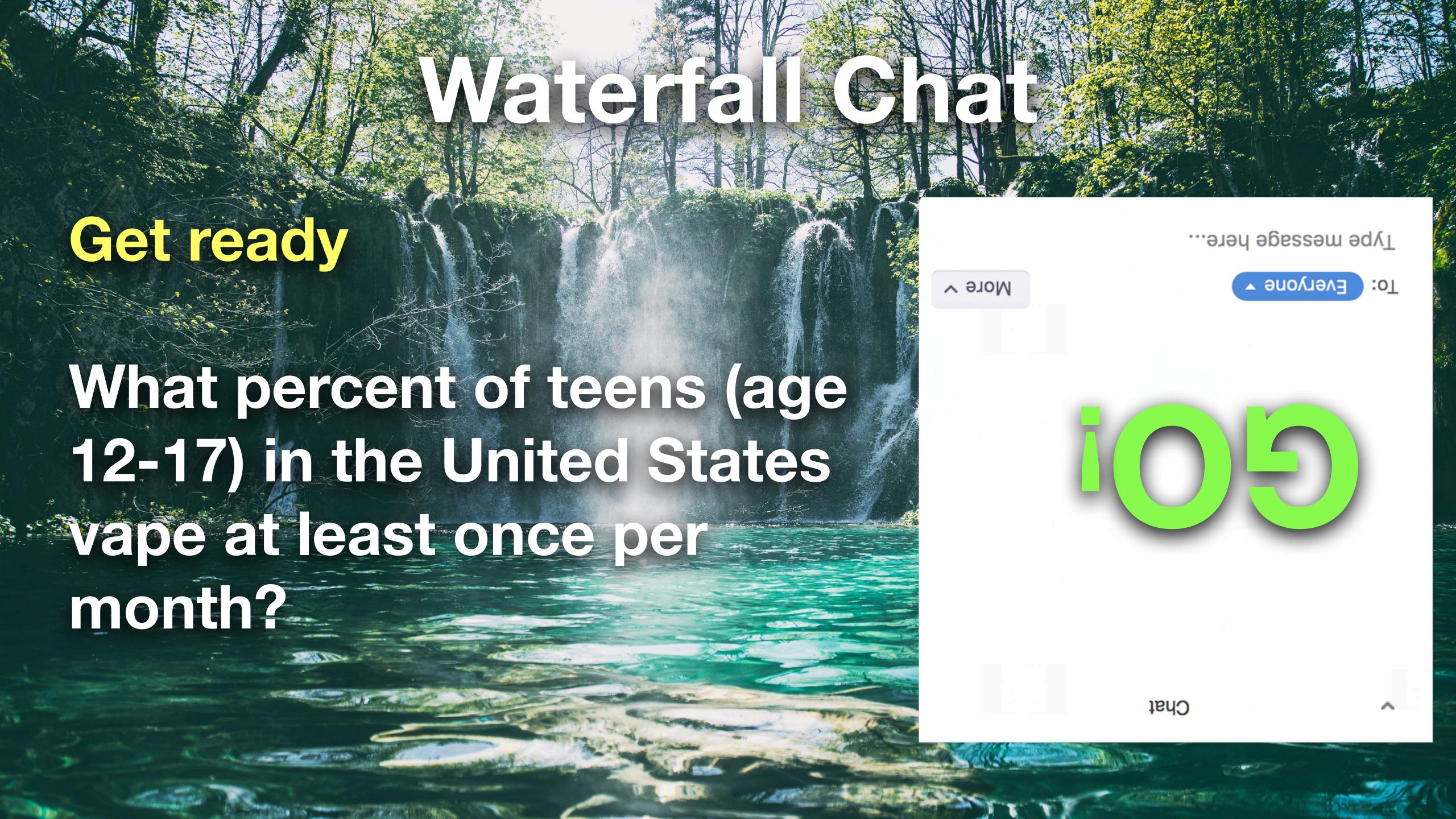
Type message here...

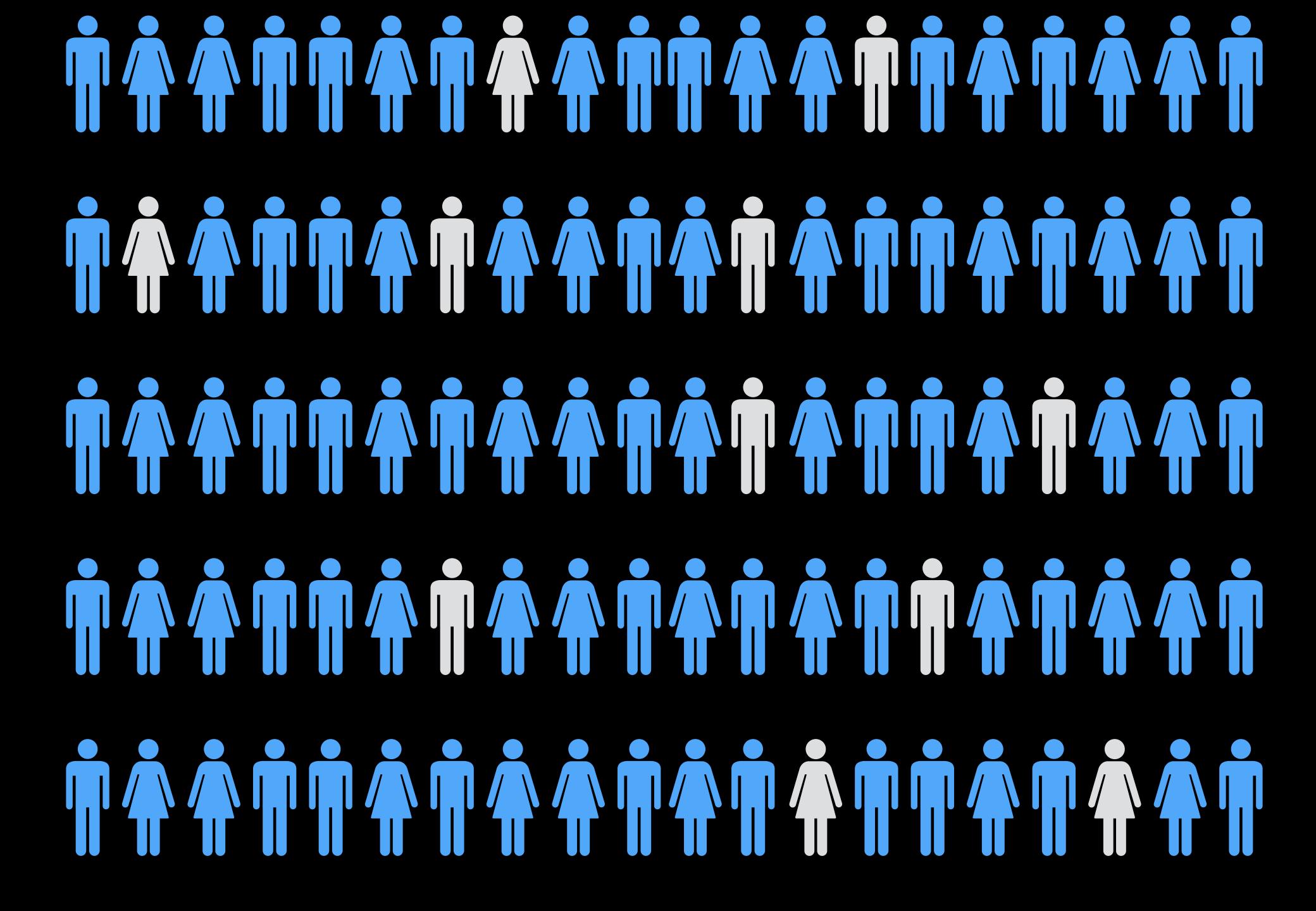
More ∨

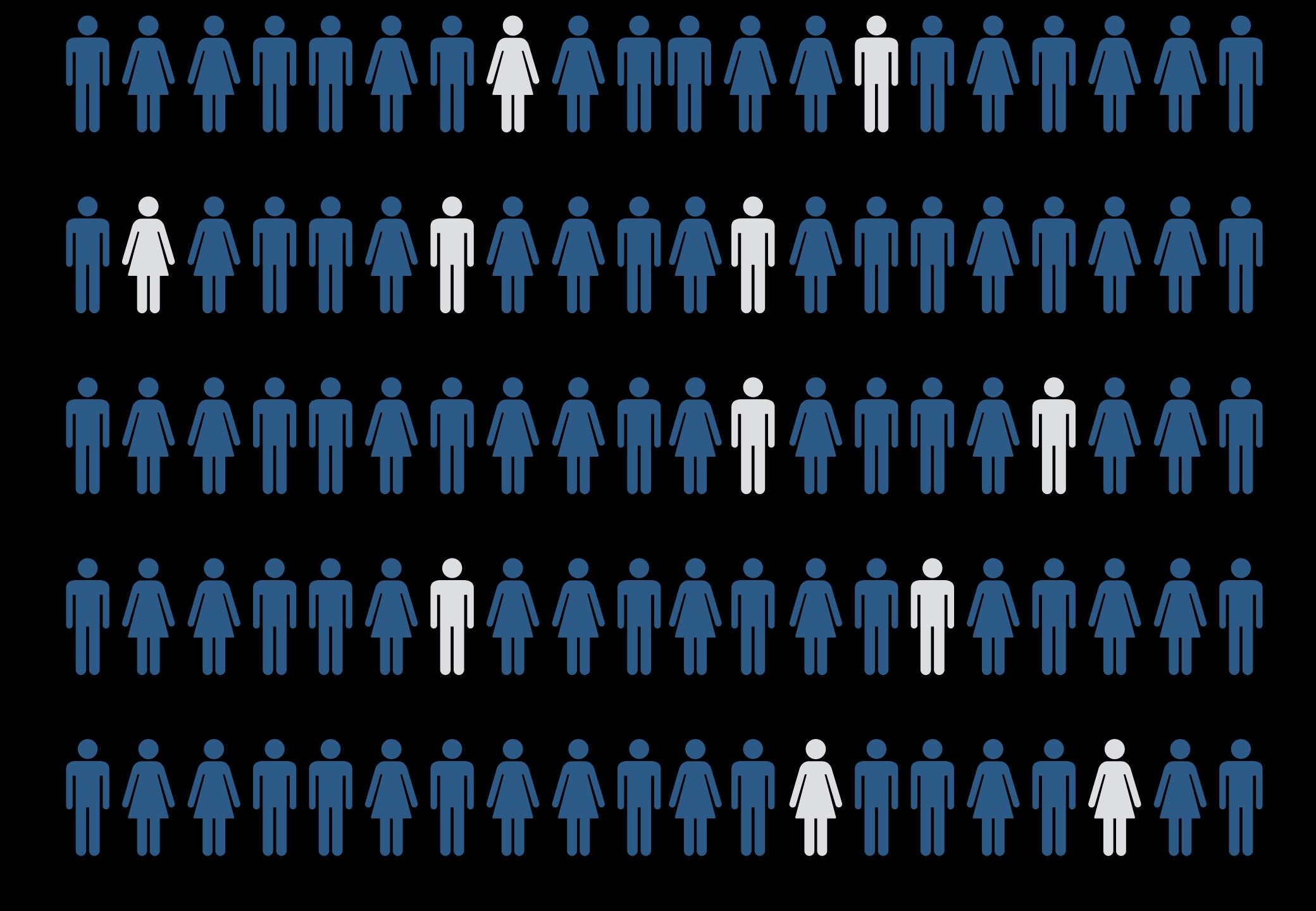


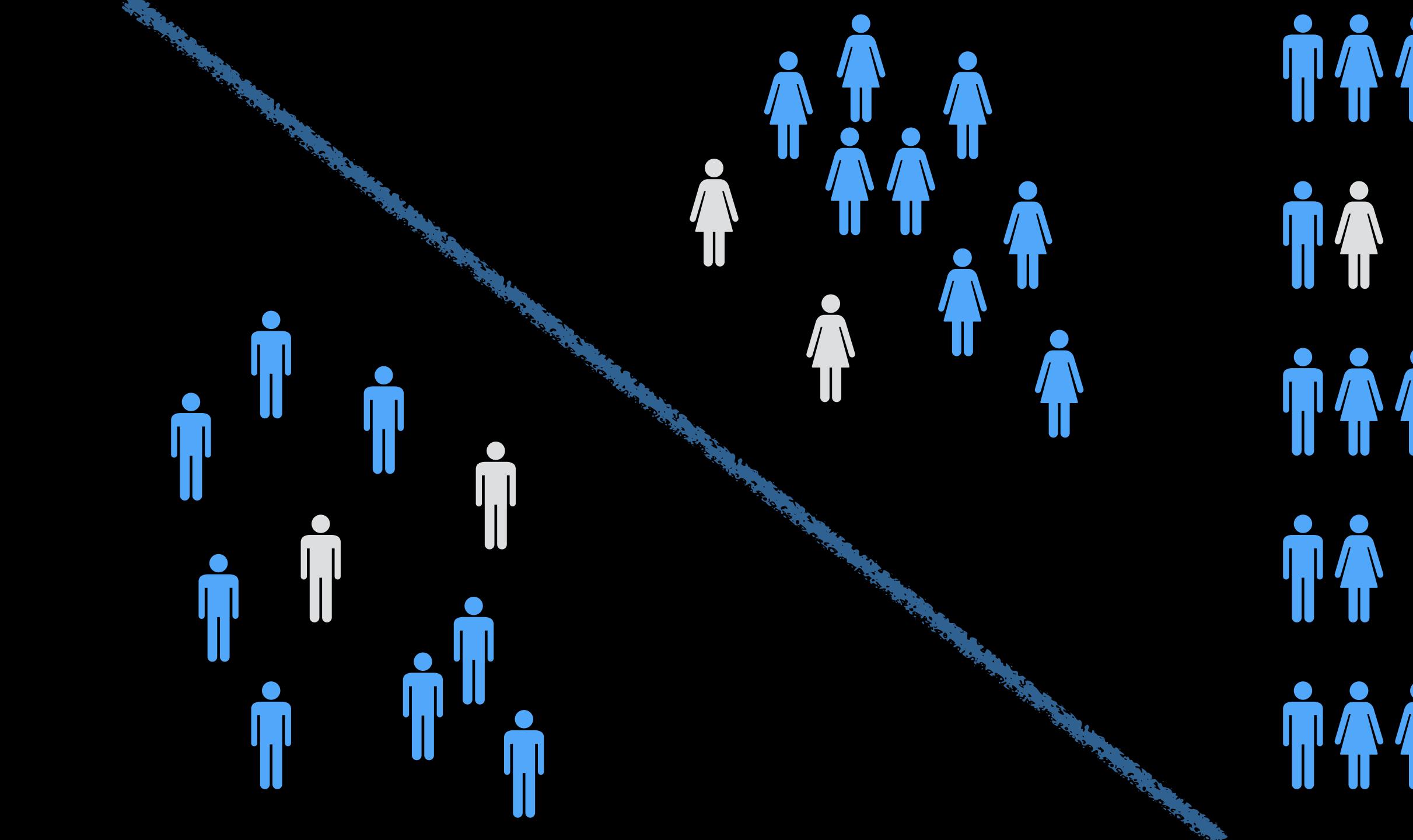


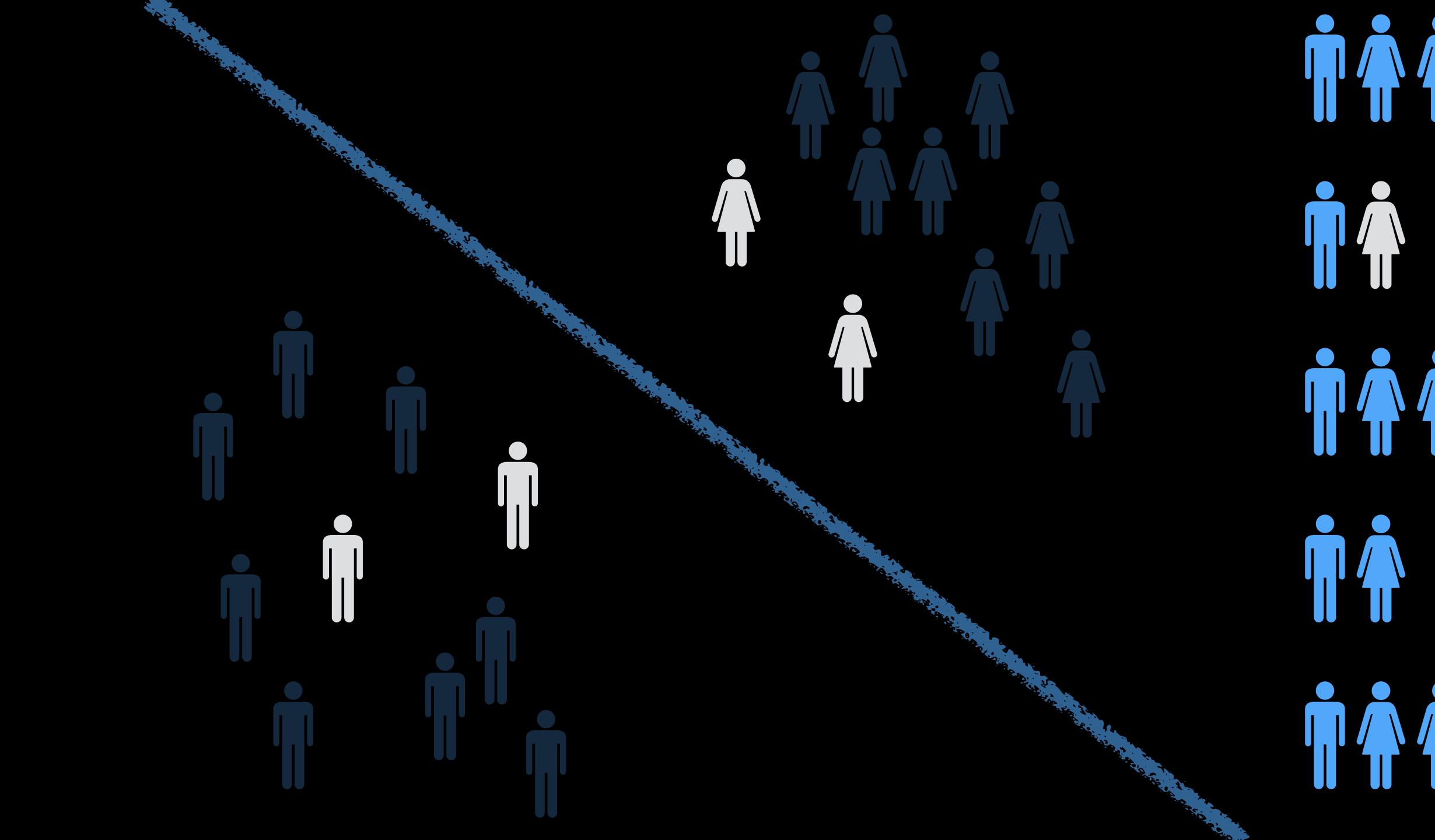


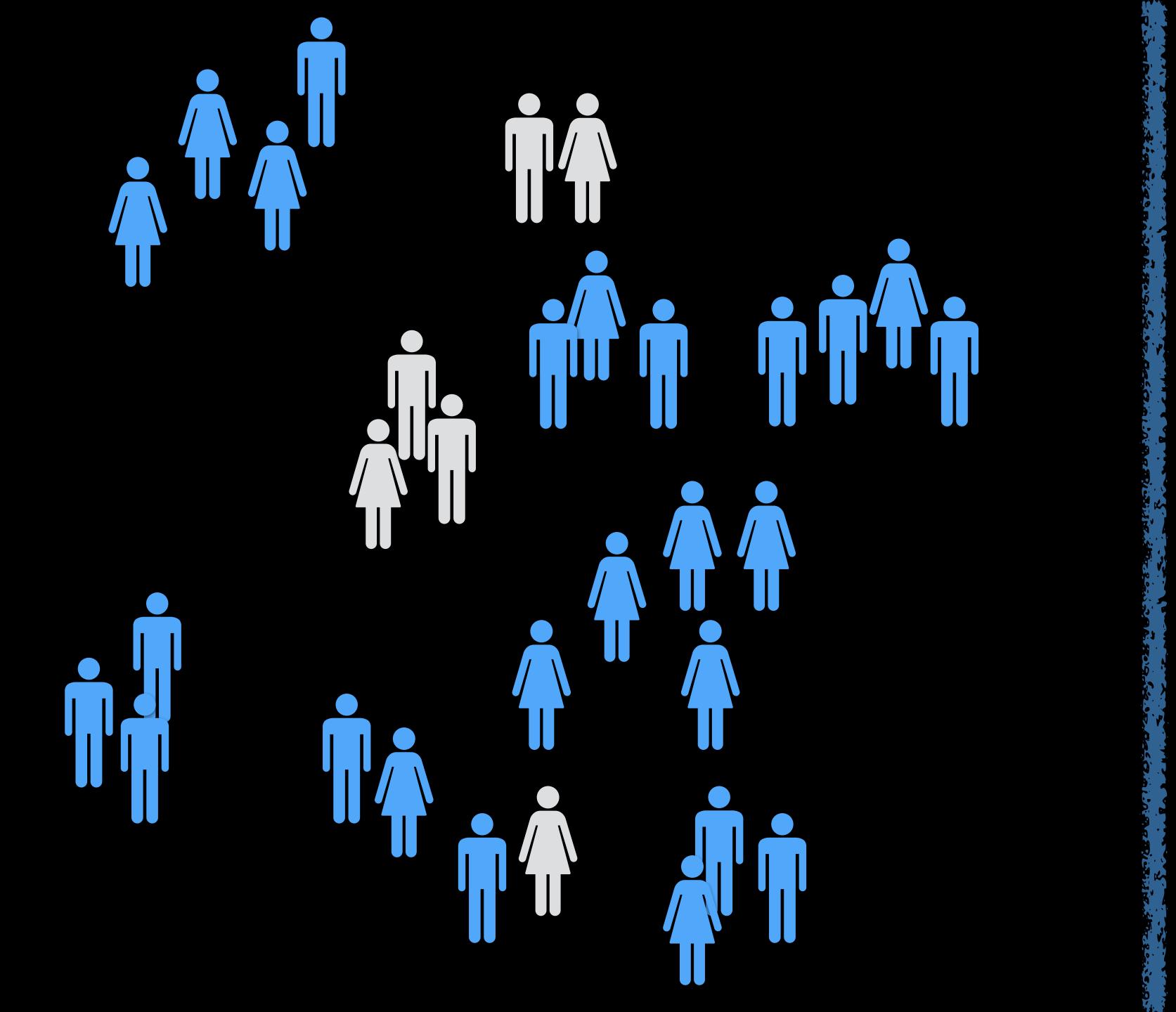


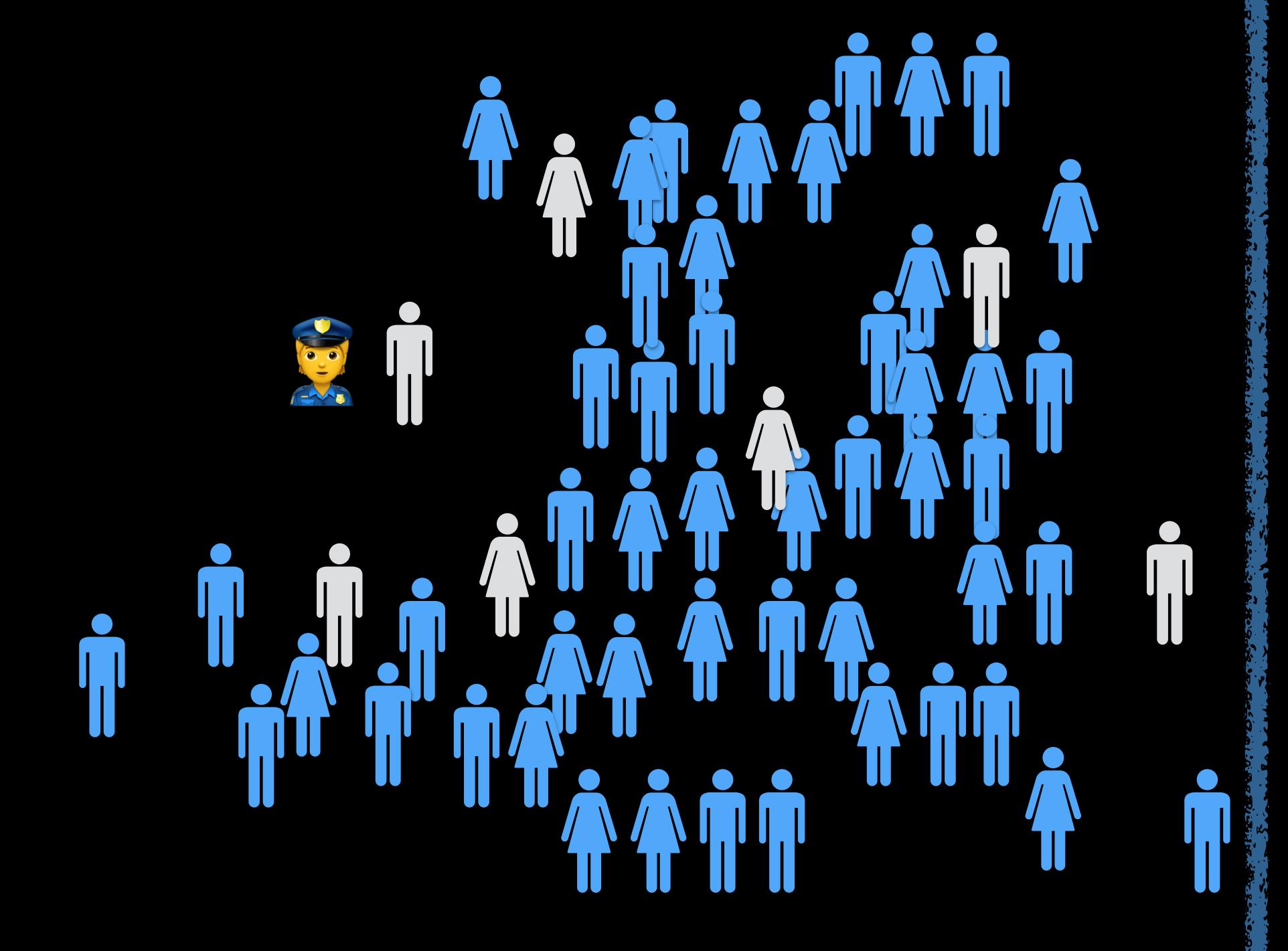


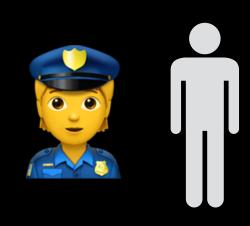


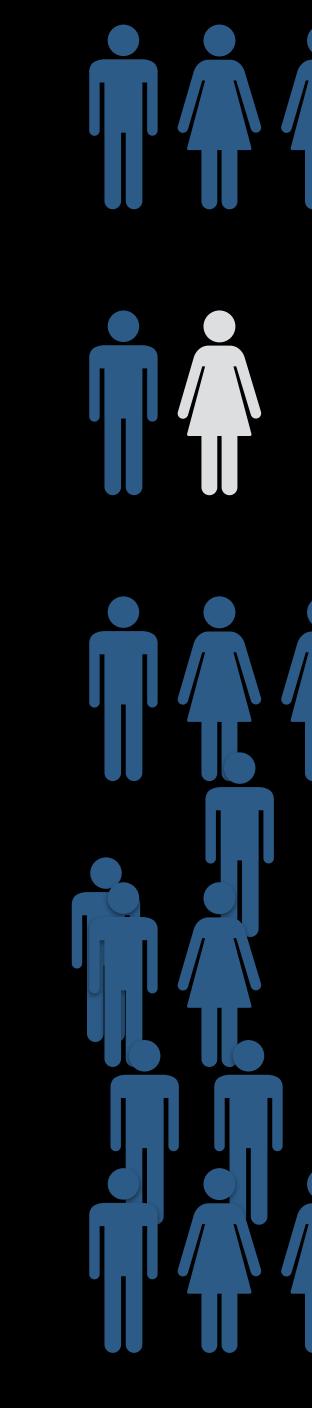




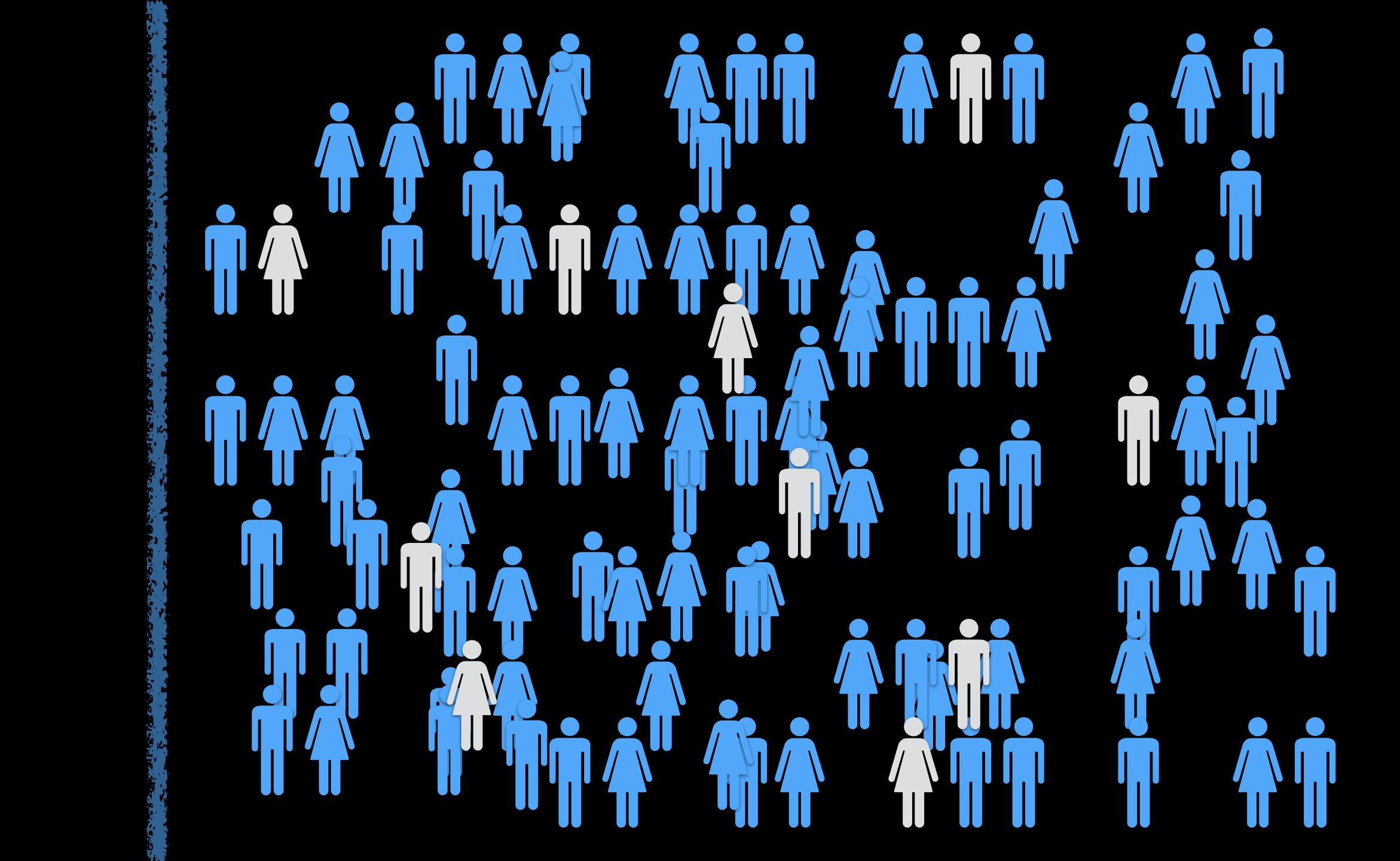








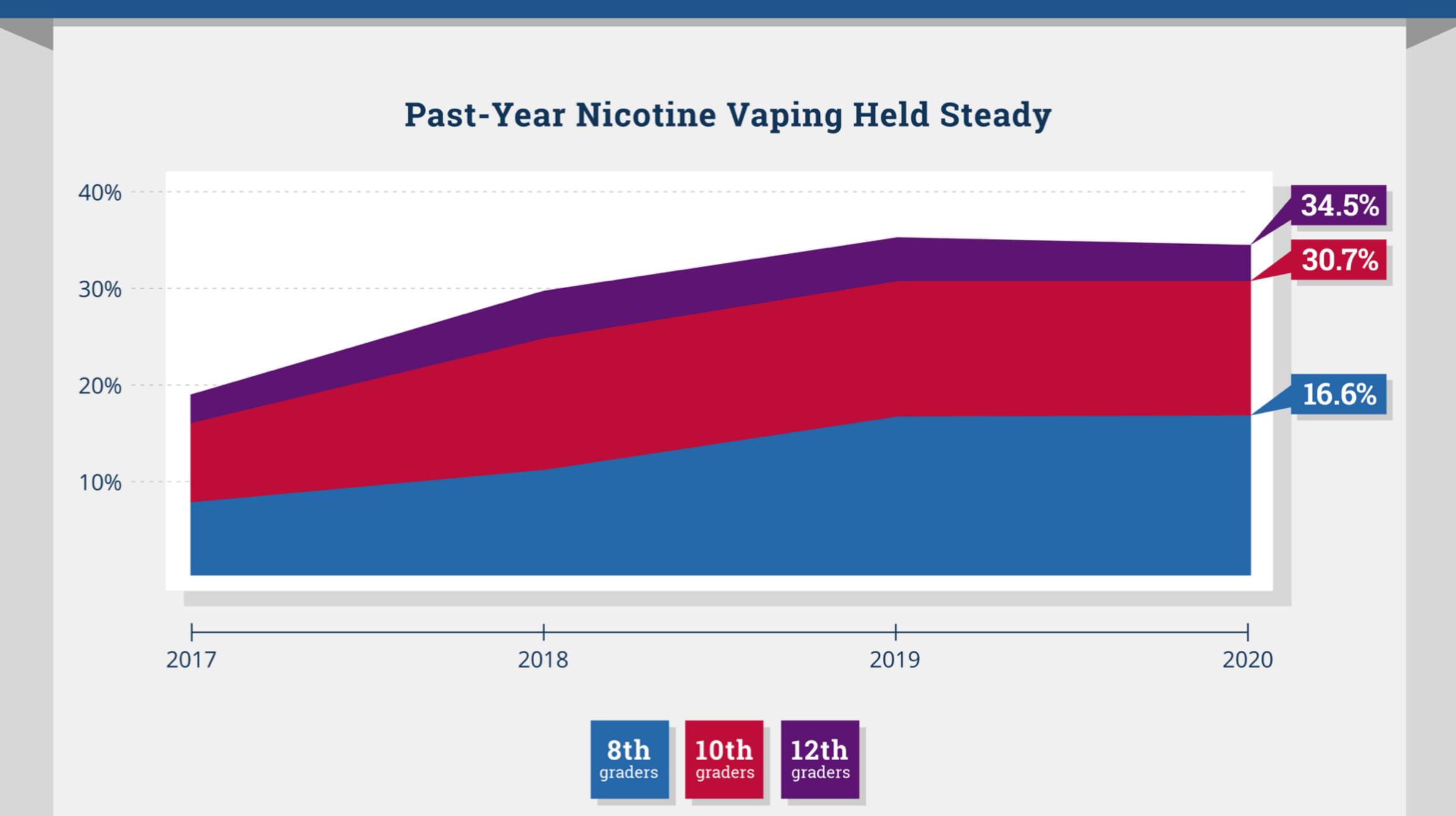




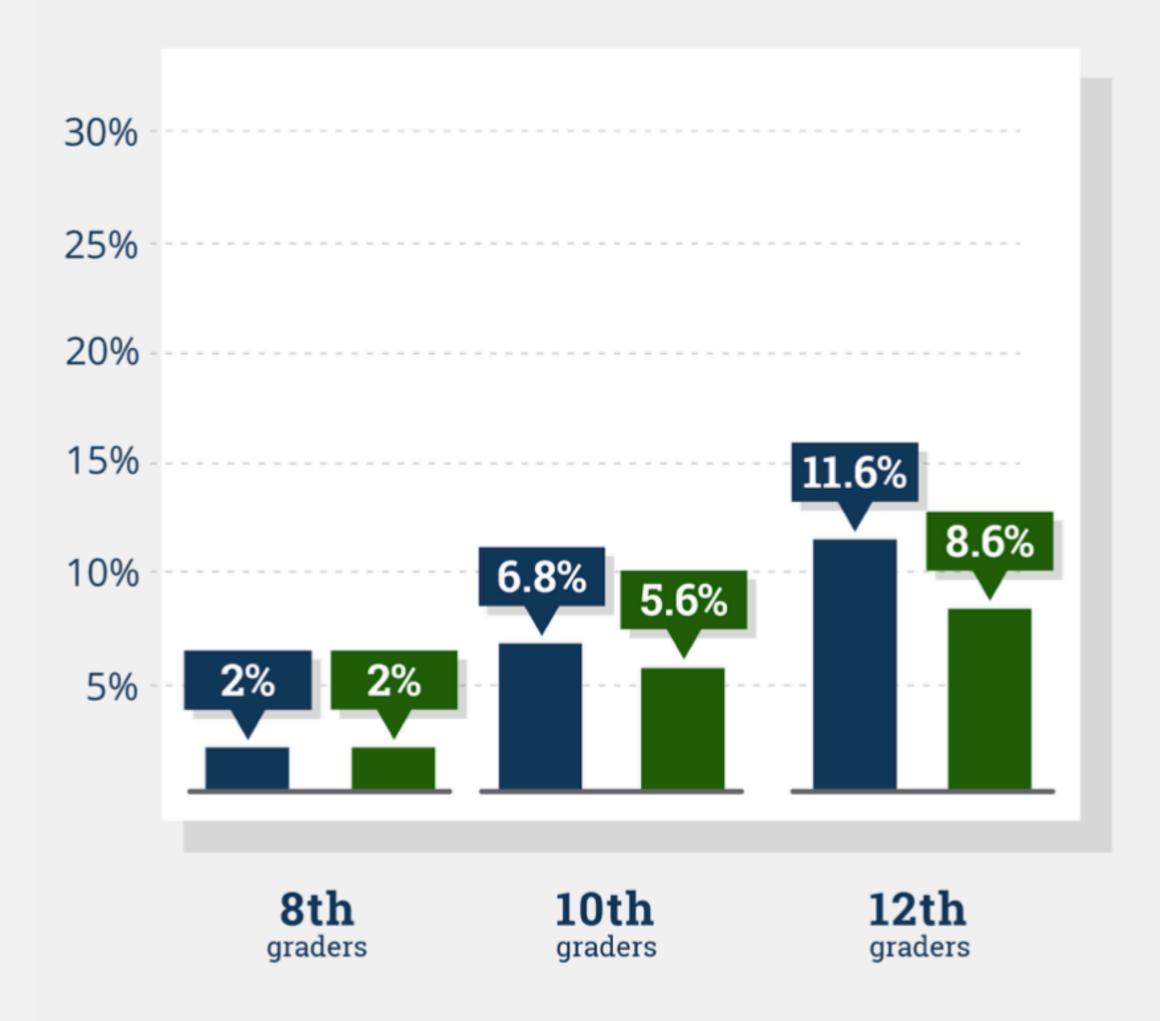
#### Surge of Nicotine Vaping Levels Off, but Remains High



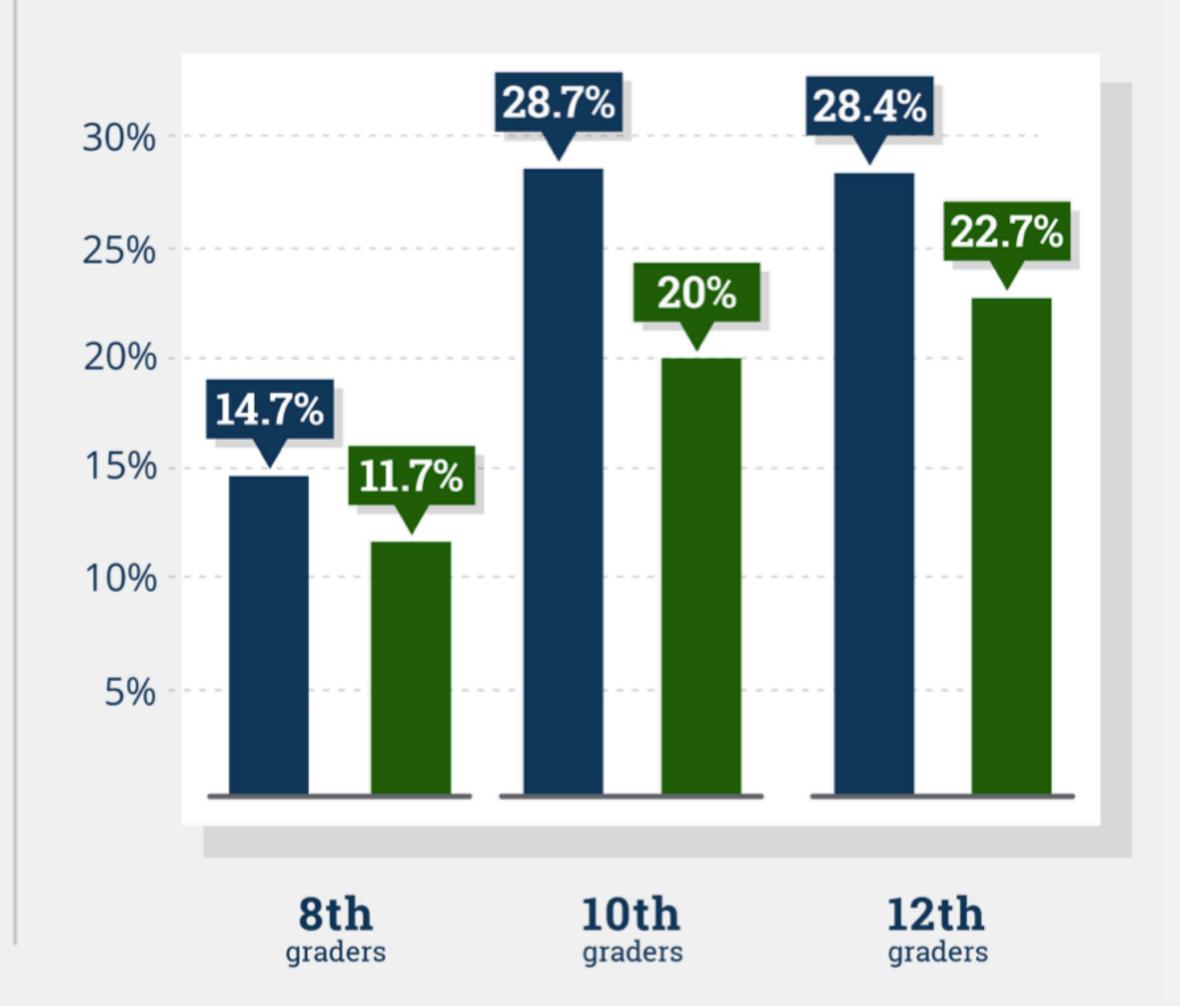
#### Surge of Nicotine Vaping Levels Off, but Remains High



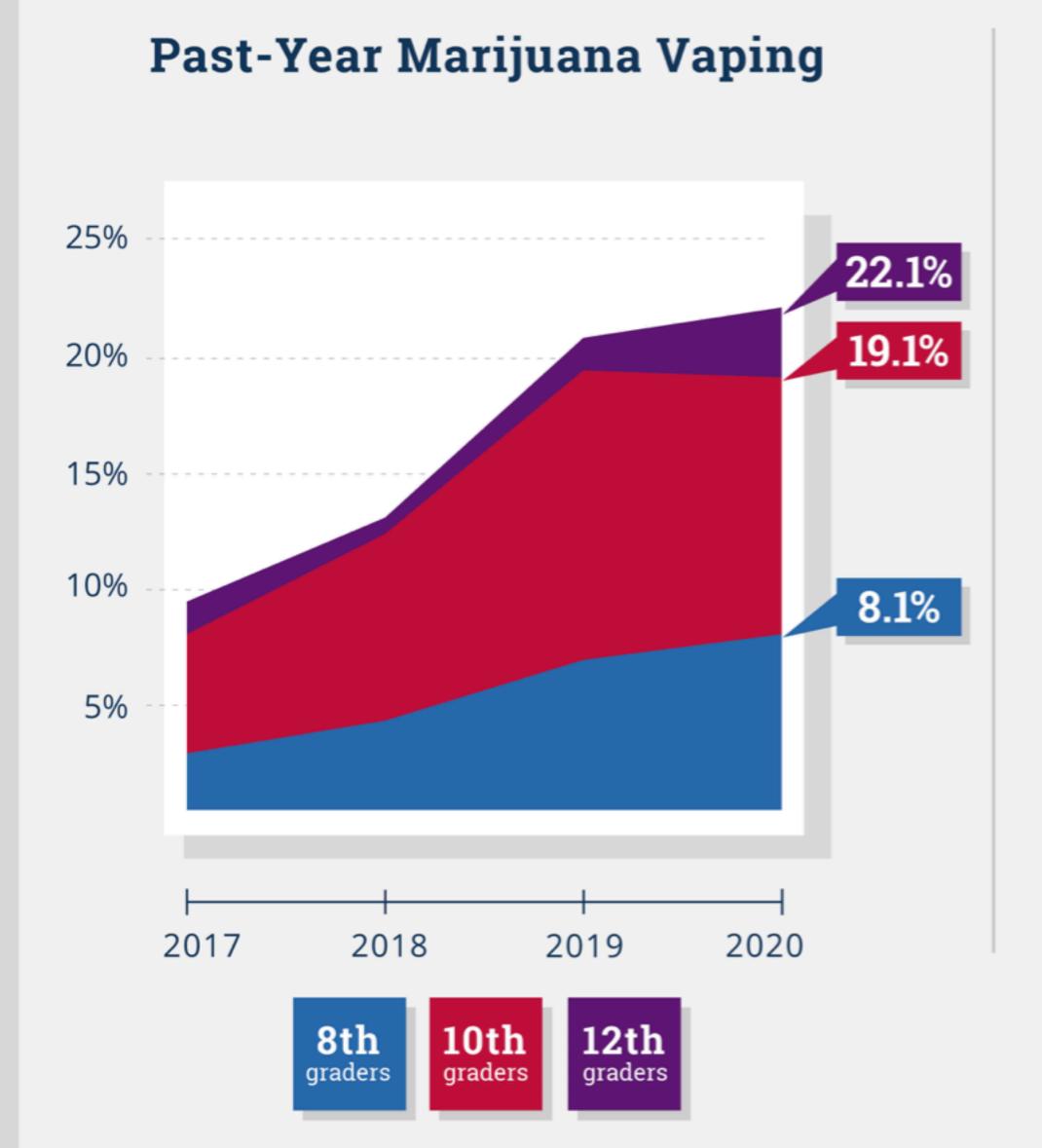
#### Daily or Near-Daily Nicotine Vaping



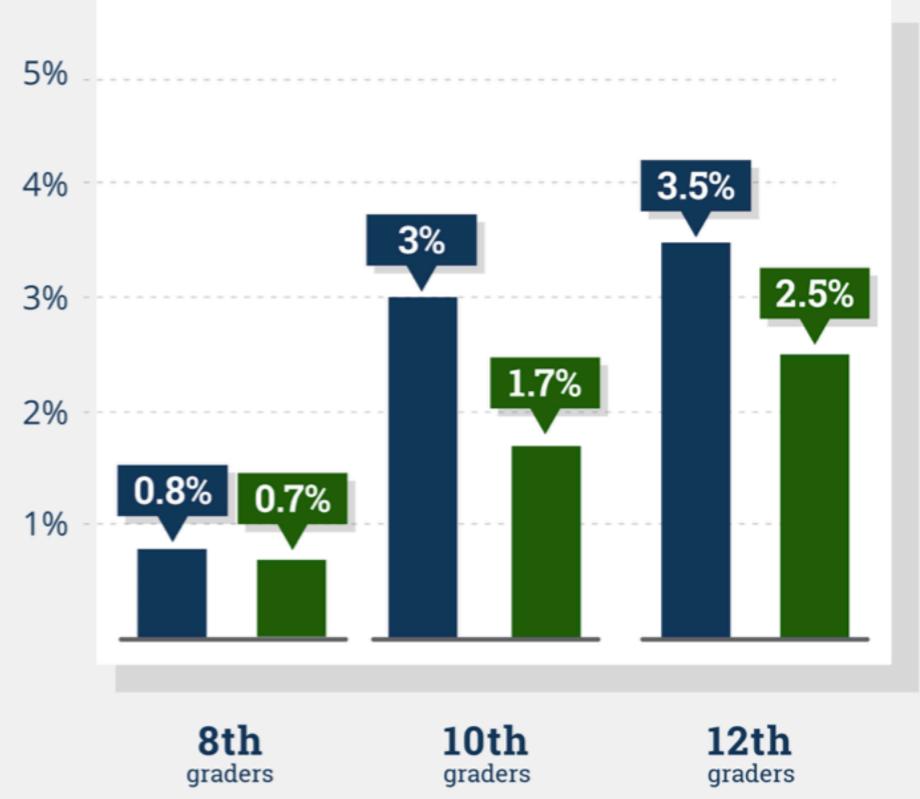
### Past-Year JUUL Use Dropped Significantly Among Older Grades



#### Past-Year Marijuana Vaping Holds Steady



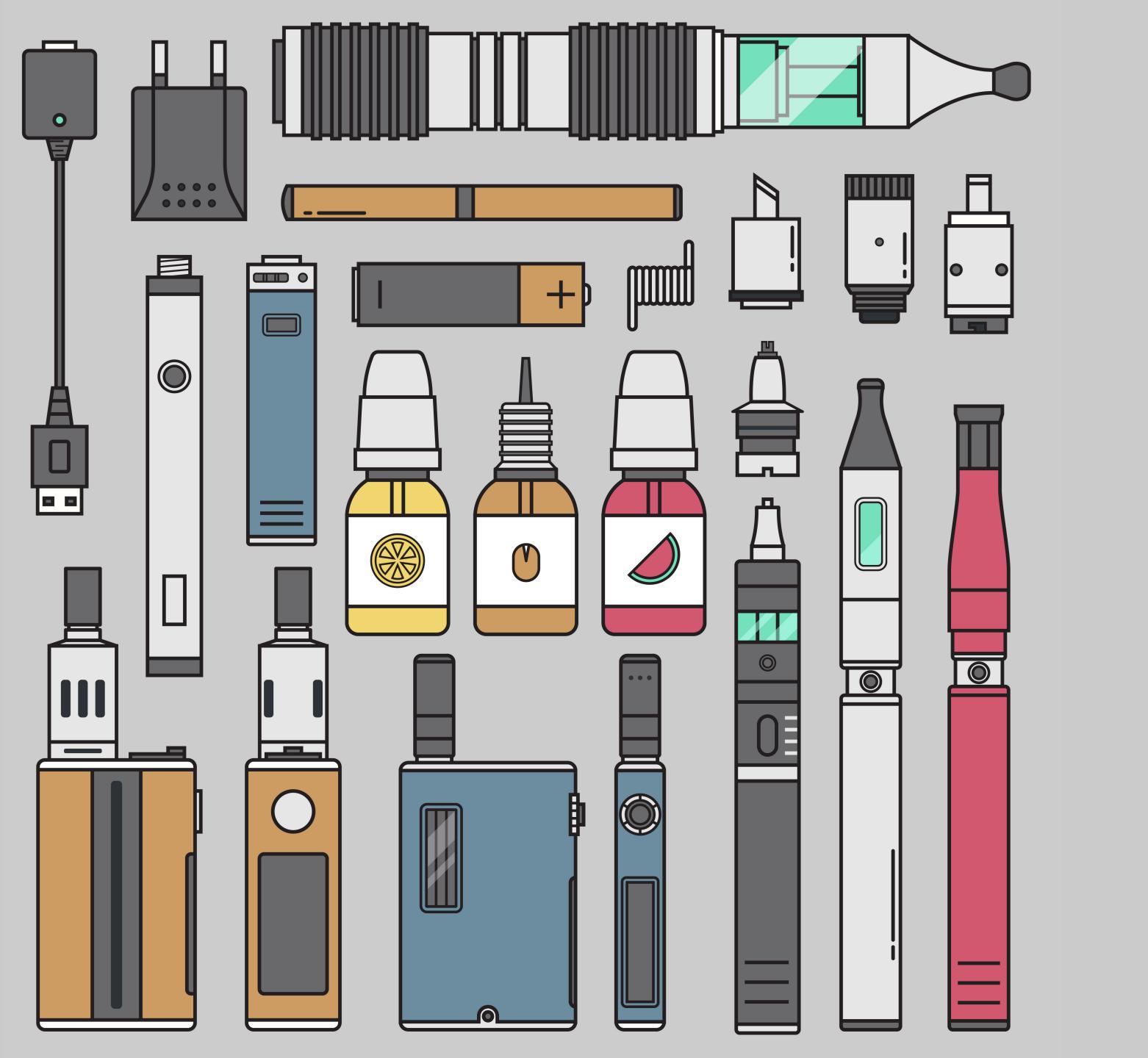
#### Daily or Near-Daily Marijuana Vaping Decreases Significantly Among 10th Graders

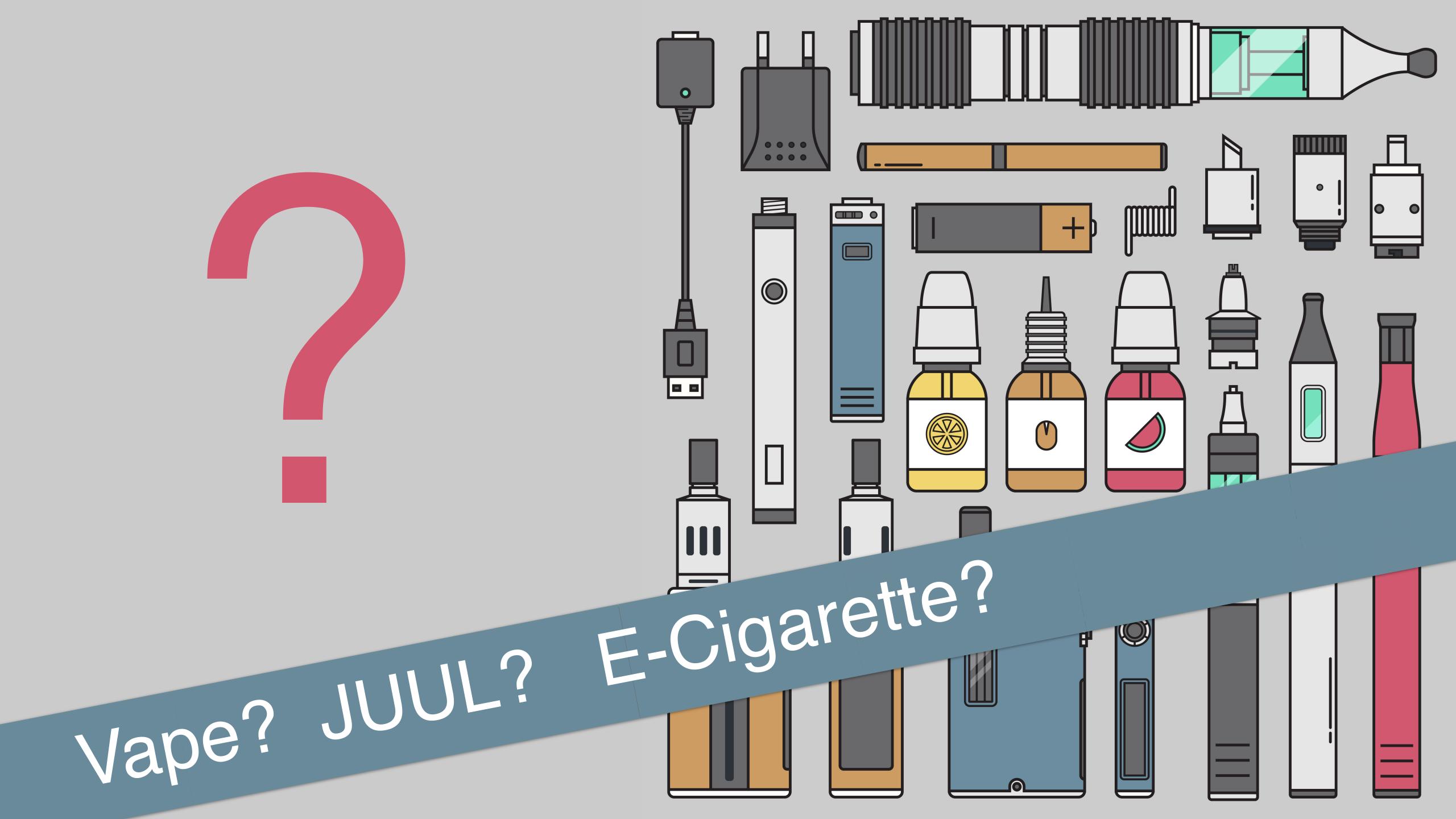


2019 2020

## Daily or Near-Daily Marijuana Vaping Decreased Significantly Among 10th Graders

|              | 2019 | 2020 |
|--------------|------|------|
| 8th graders  | 0.8% | 0.7% |
| 10th graders | 3%   | 1.7% |
| 12th graders | 3.5% | 2.5% |

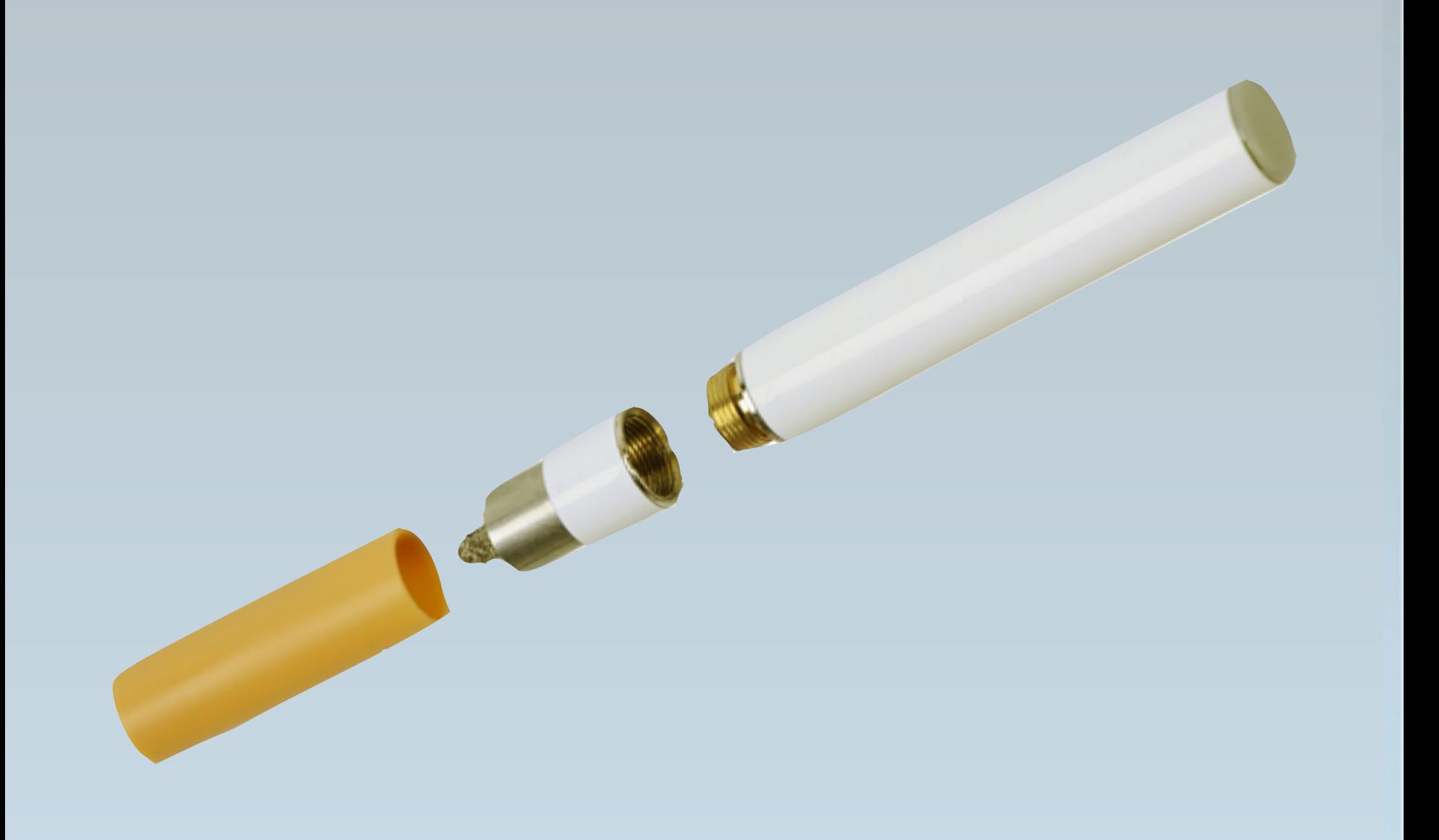












#### Inside the e-cigarette



















Clutring



Gunneral





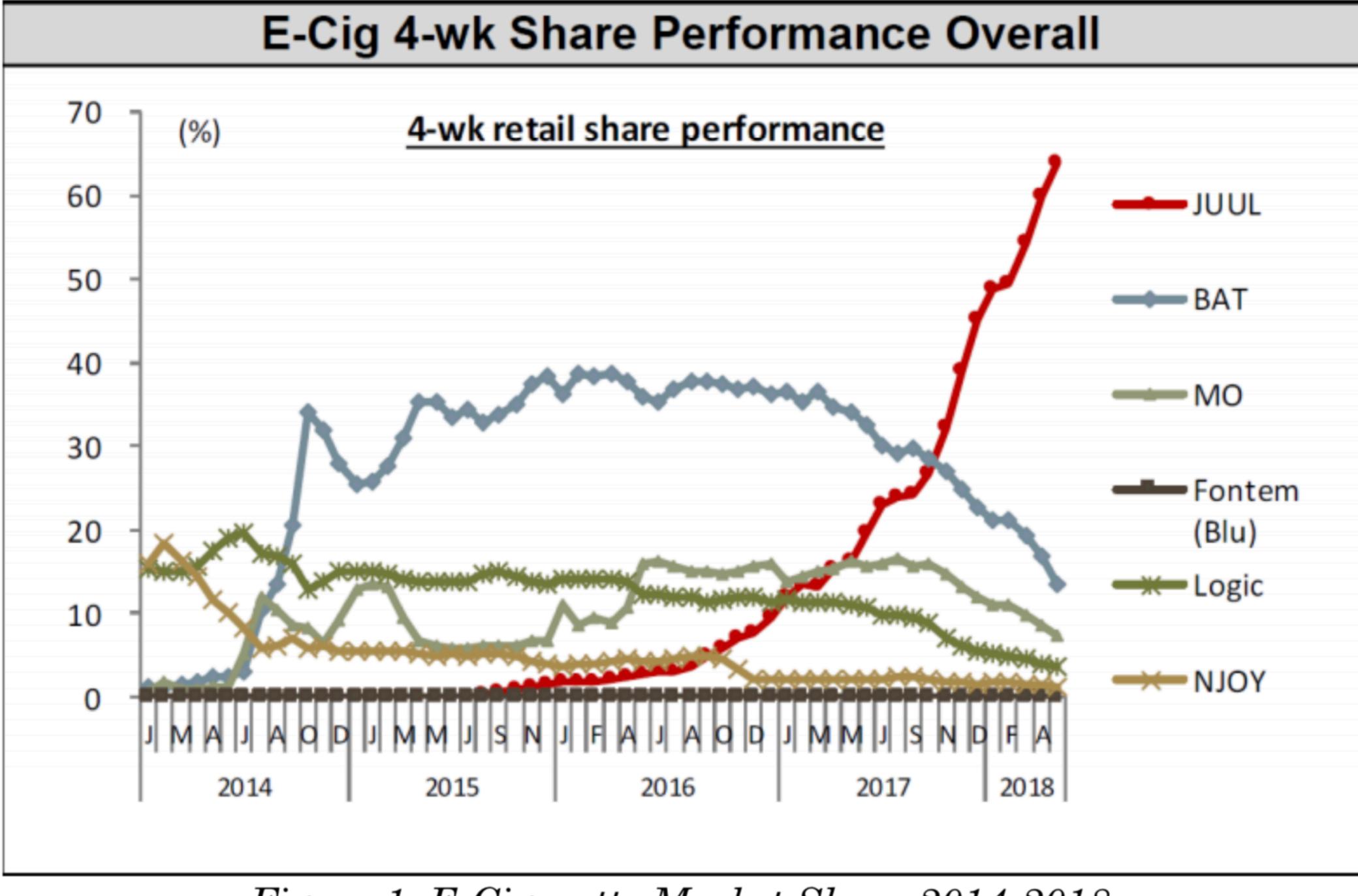


Figure 1: E-Cigarette Market Share 2014-2018

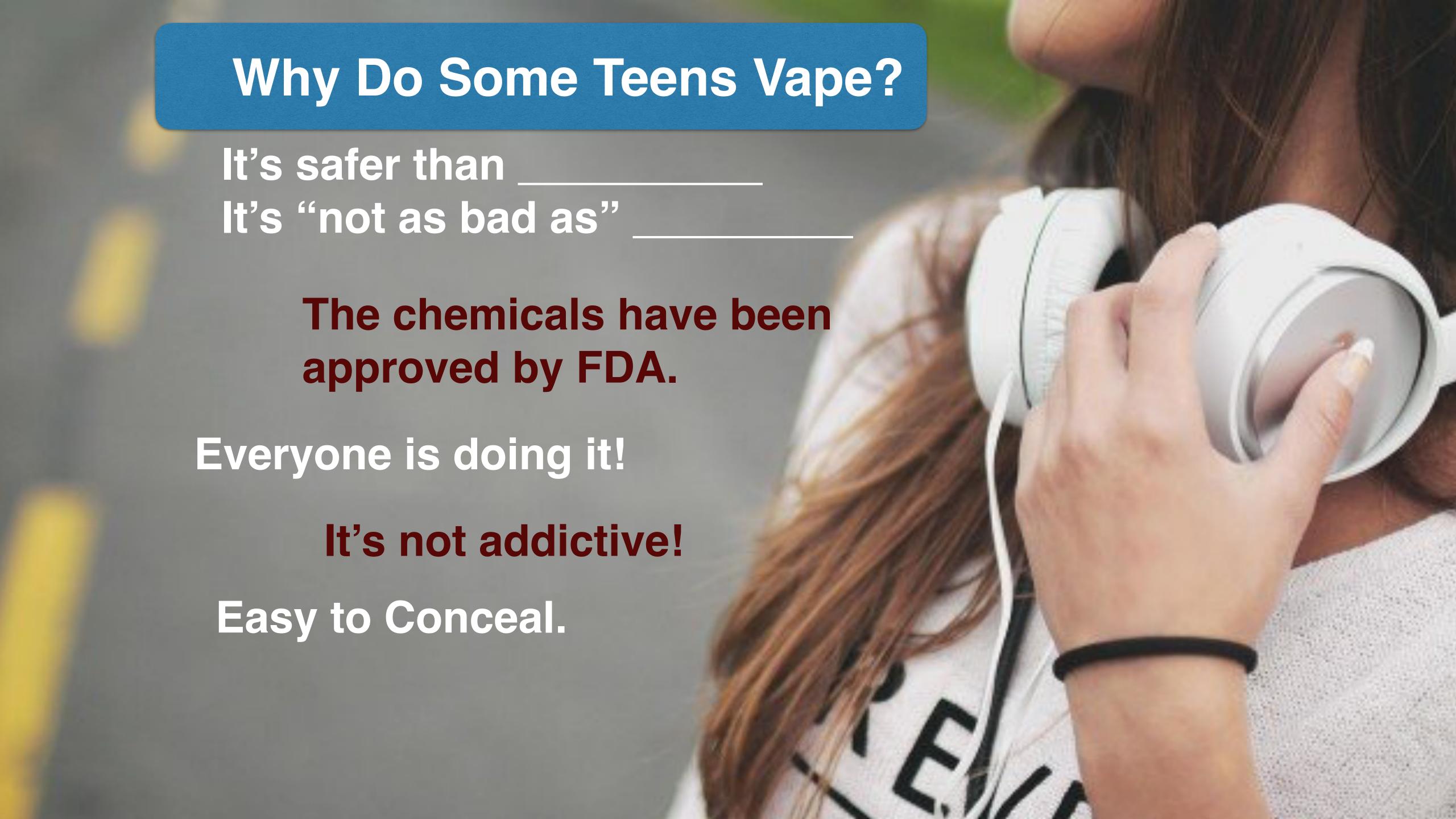


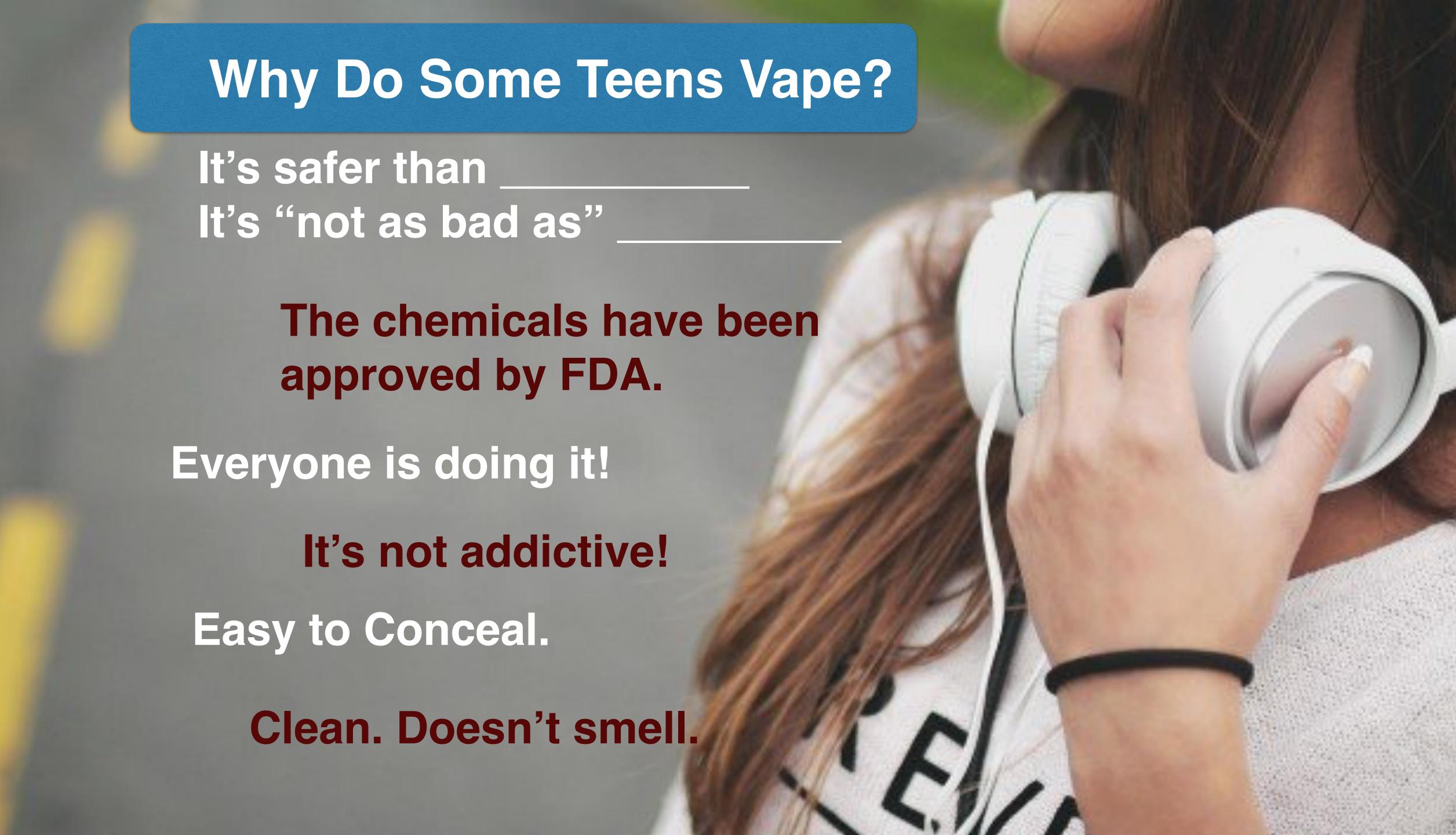












# We Know They're Harmful Even without Tobacco

Cause Cancer? Cancer takes years to develop.
Can take 15-20 years to determine if a product increases a person's risk of cancer

"Our products don't contain tobacco."

"Our products have less nicotine than cigarettes." Increase industry at the vape industry at the vape industry at the vape industry in the vape



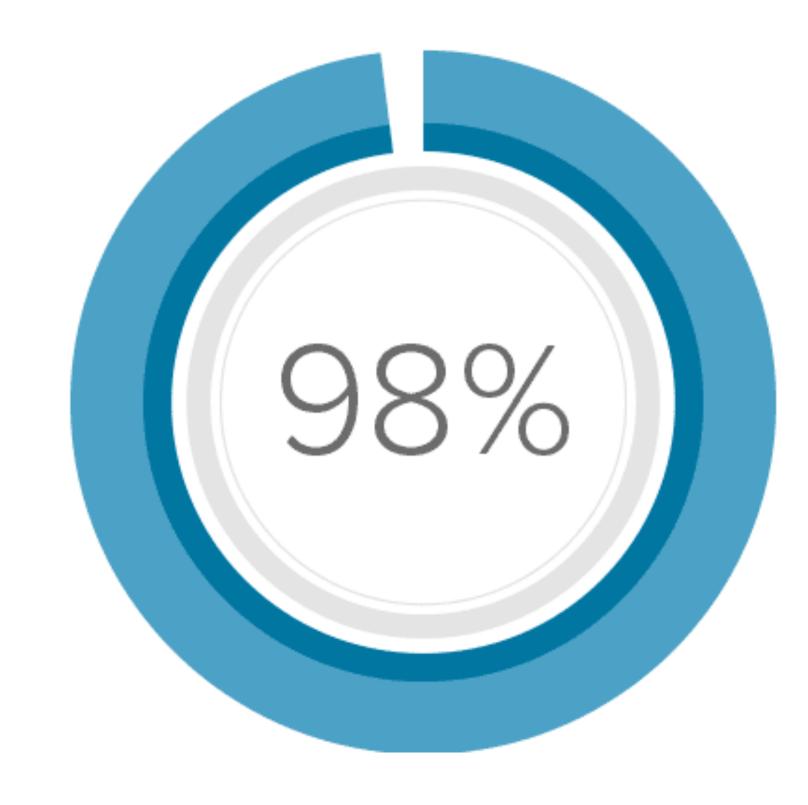


## No Tobacco?

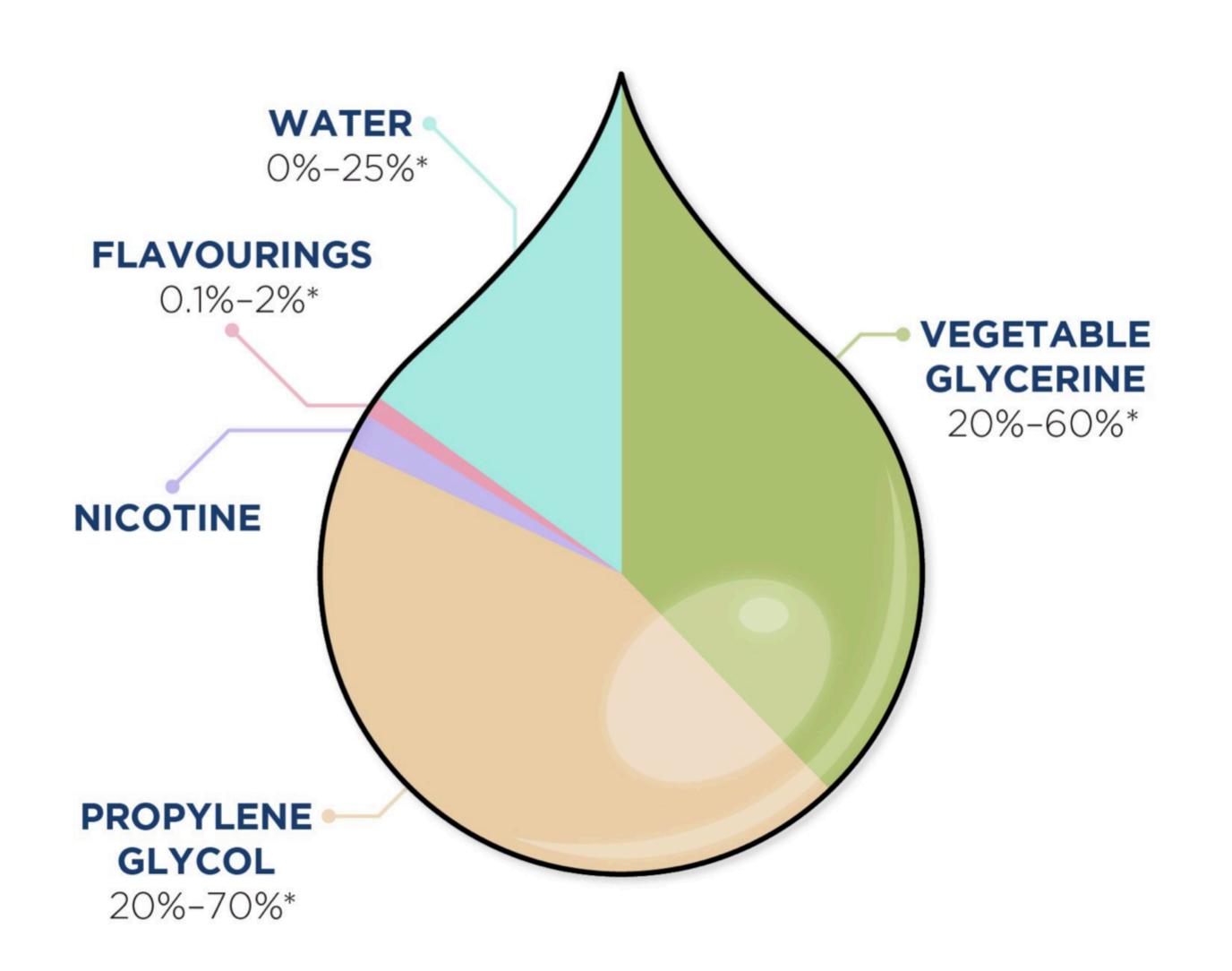
## NICOTINE

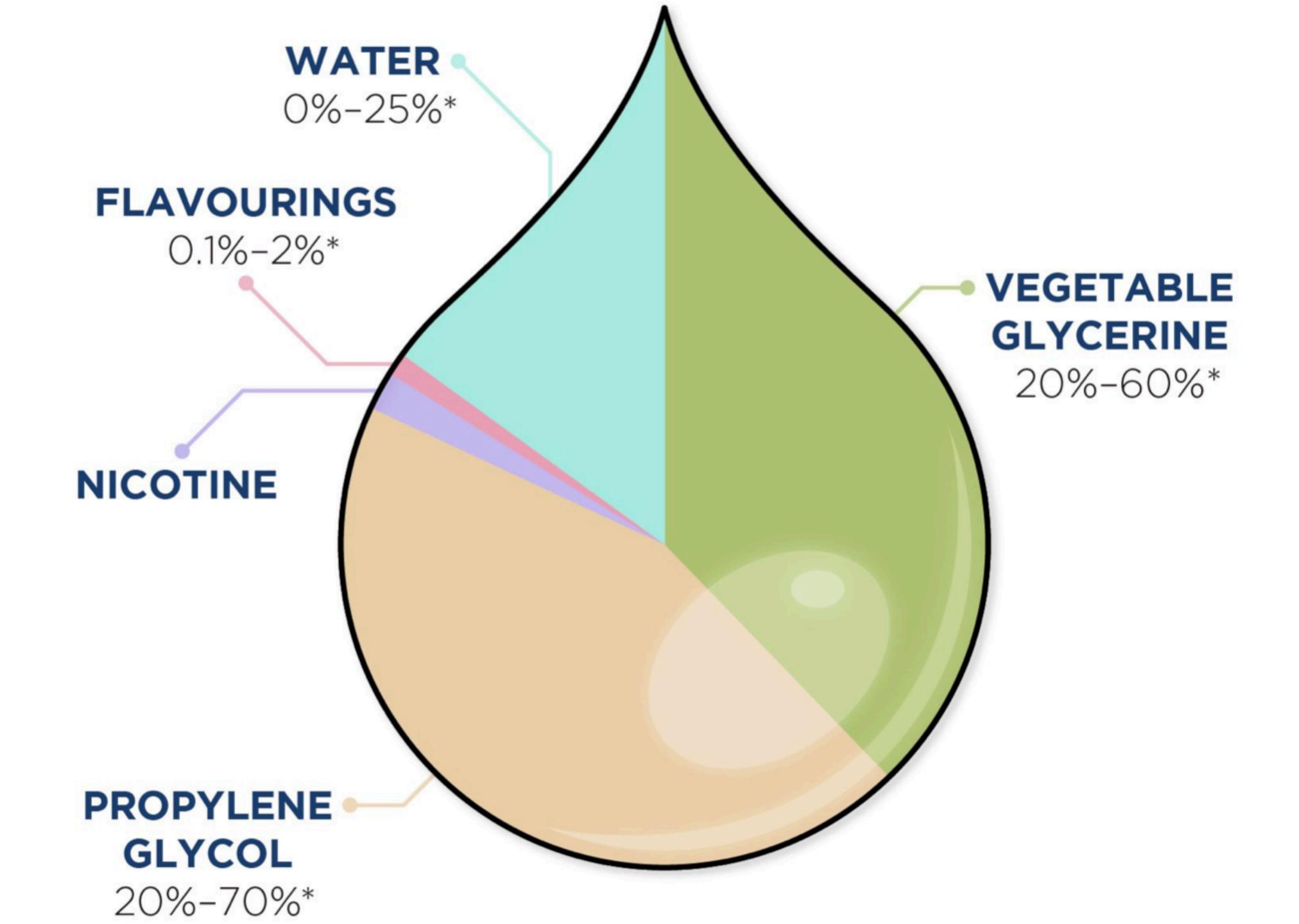
## No Tobaccoa

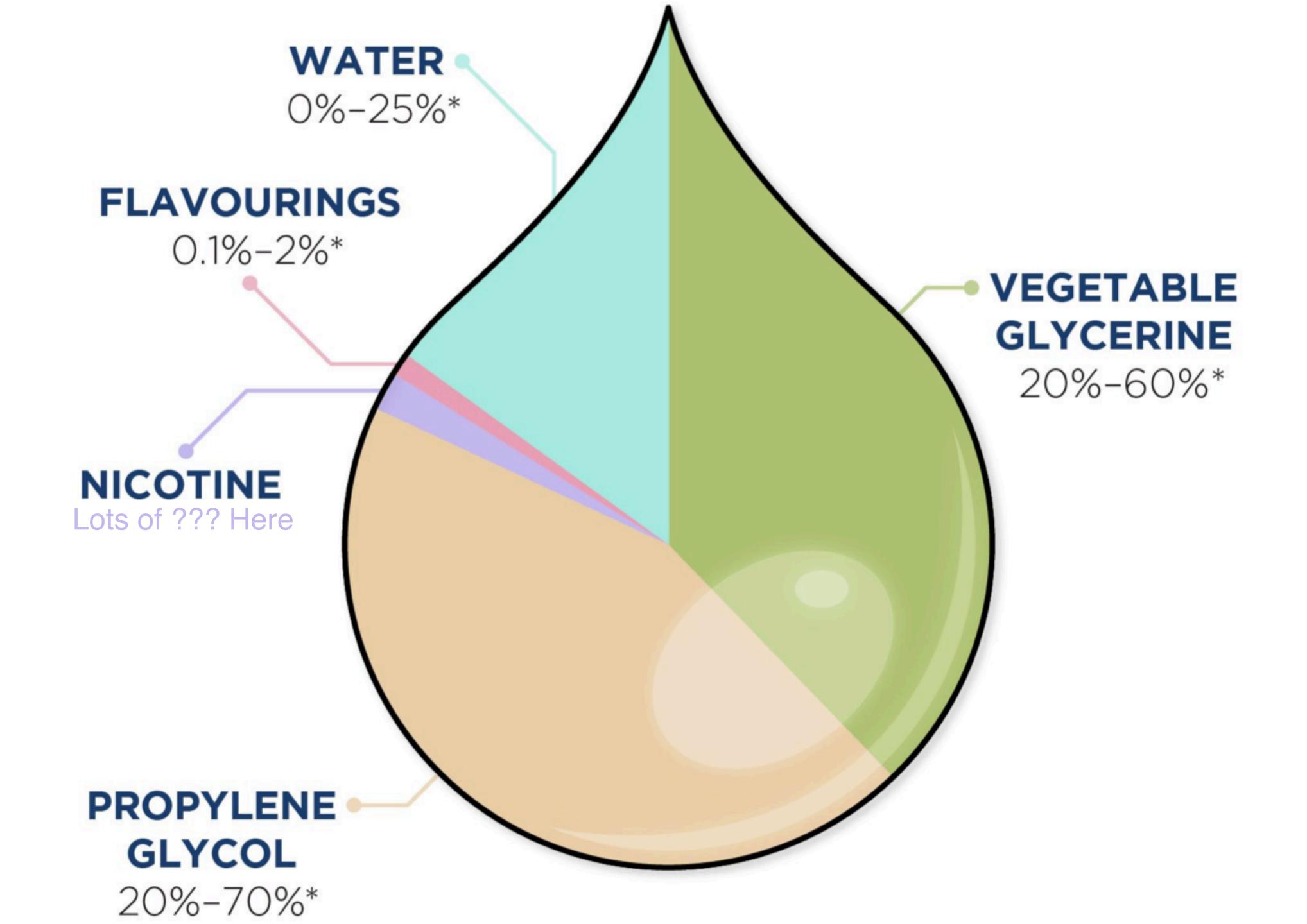
## Nicotine



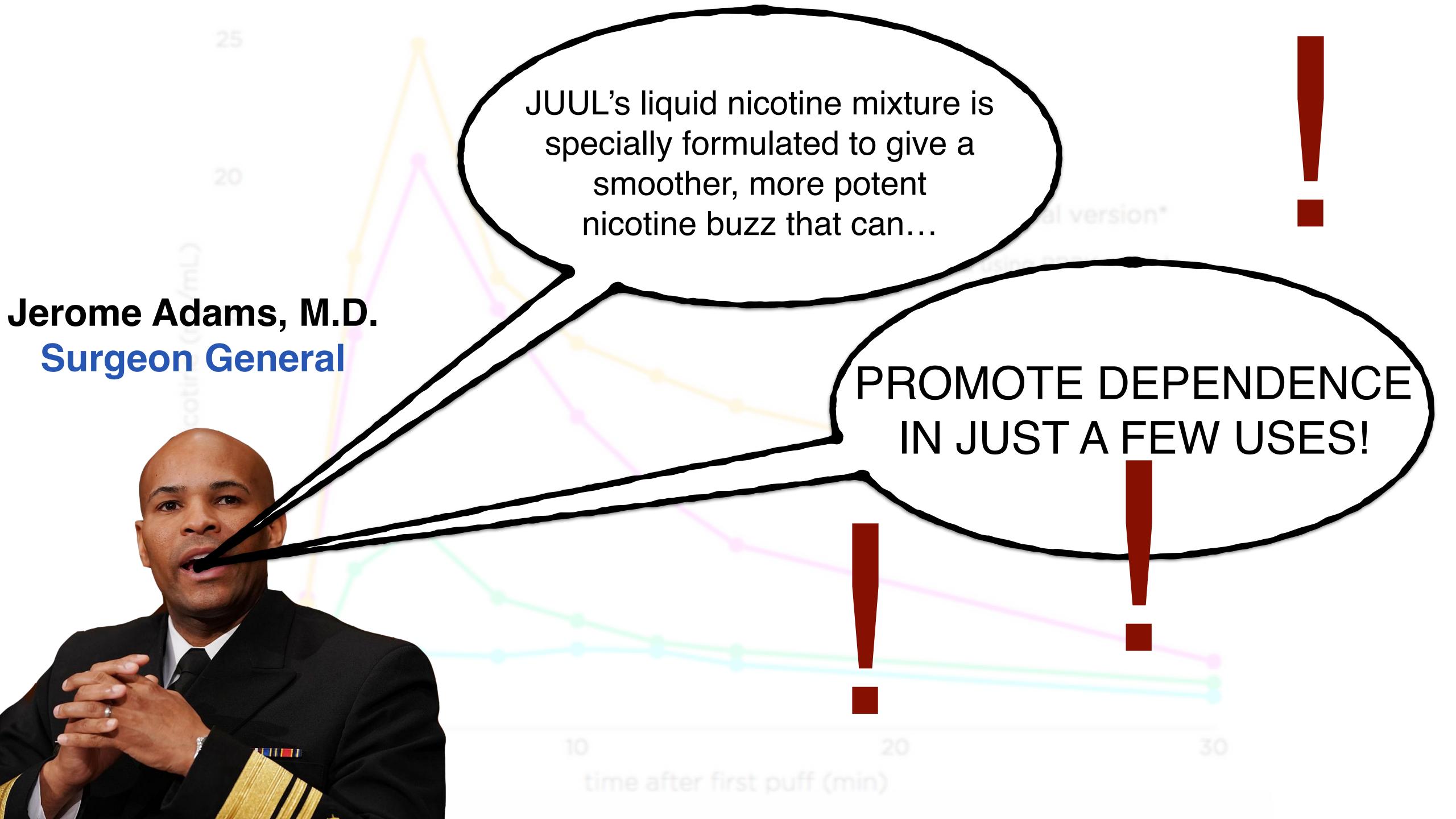
## WHAT'S IN AN eLIQUID?











Contains benzoic acid

Faster absorption

Low to super high strength options

Satisfying in high concentrations

Less flavor complexity

Less cloud production

Ideal for smokers and MTL vapers

More expensive

# REGULAR

No additive

Slower absorption

Low to medium strength options

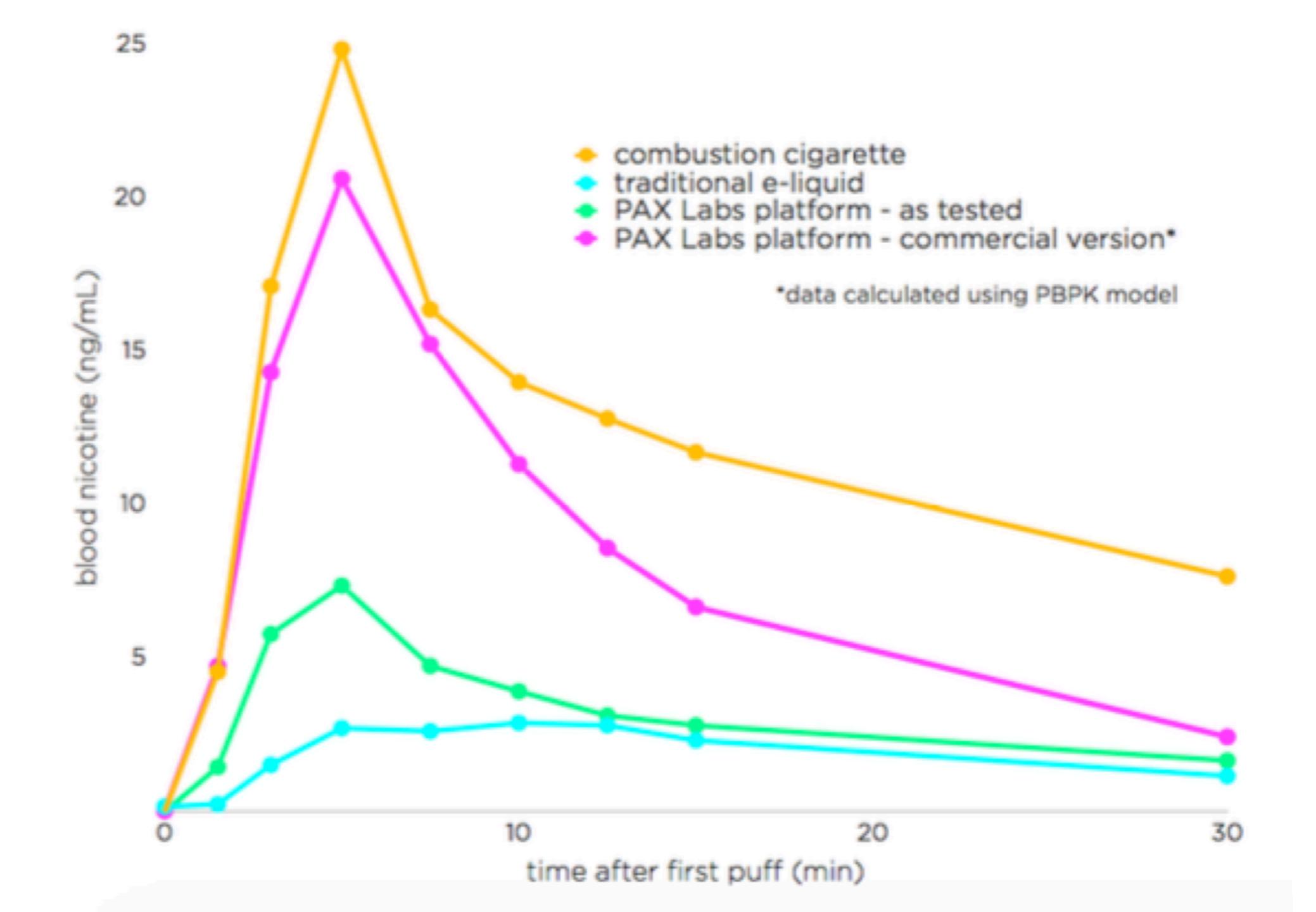
Harsh in high concentrations

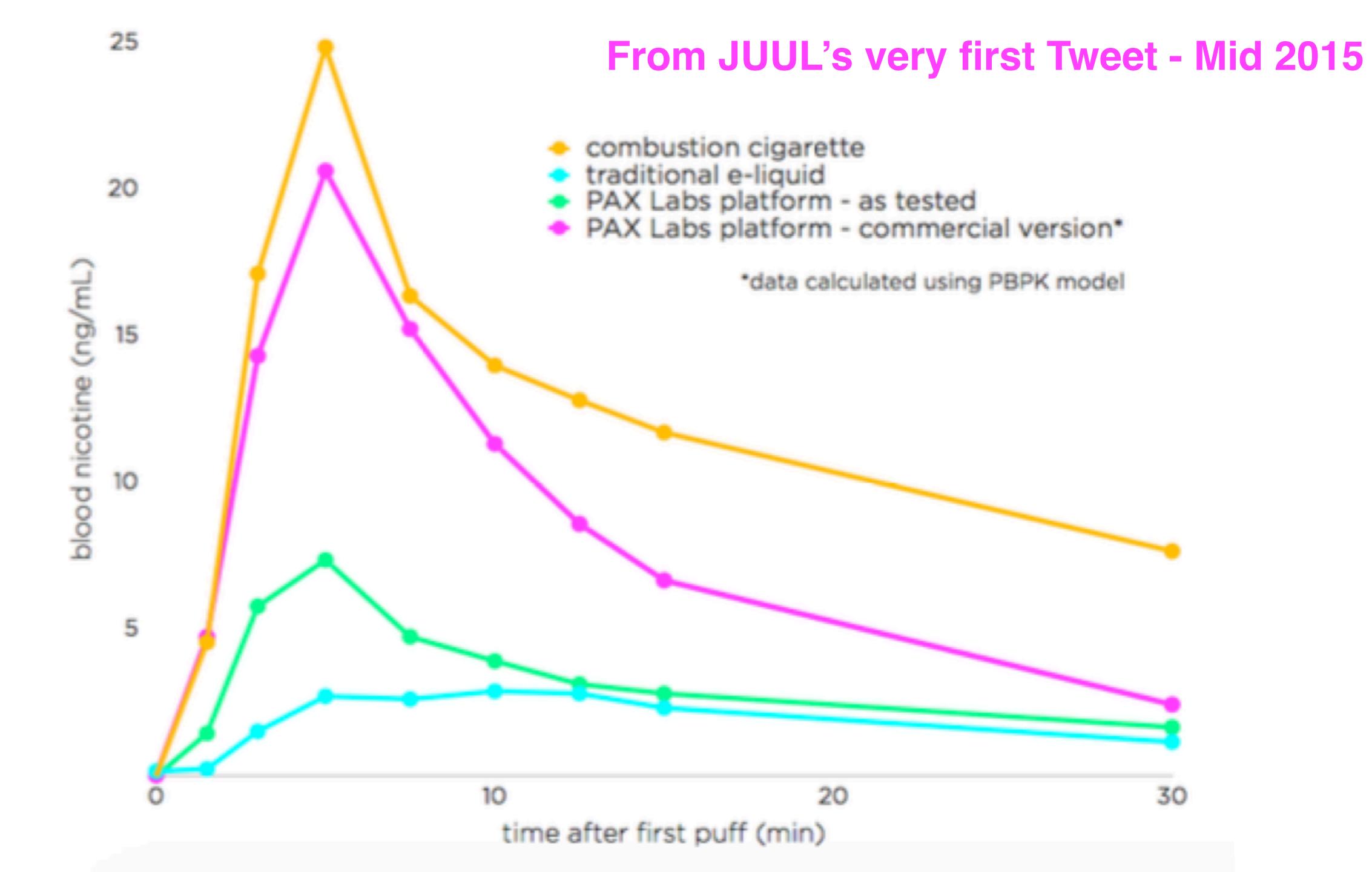
More flavor complexity

More cloud production

Suitable for most vaping styles

Less expensive





#### Concentration by Weight

#### VS.

#### Concentration by Volume

#### JUUL's Marketing Says:

Nicotine Salt Solution Causes Nicotine-Blood Levels

30% lower than traditional



VS.

### Concentration by Volume

#### JUUL's Marketing Says:

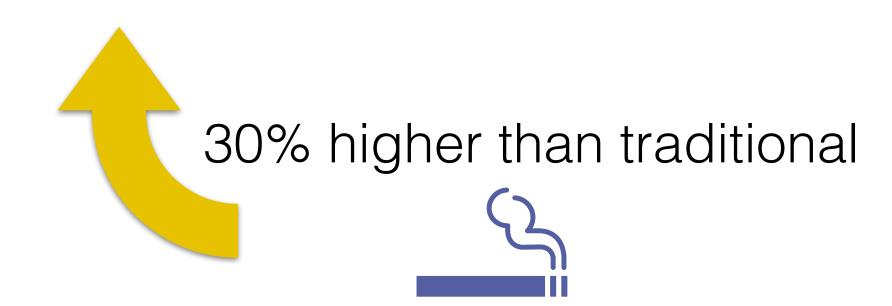
Nicotine Salt Solution Causes Nicotine-Blood Levels

30% lower than traditional



#### JUUL's Patent Says:

Nicotine Salt Solution Causes Nicotine-Blood Levels



VS.

### Concentration by Volume

#### JUUL's Marketing Says:

Nicotine Salt Solution Causes Nicotine-Blood Levels

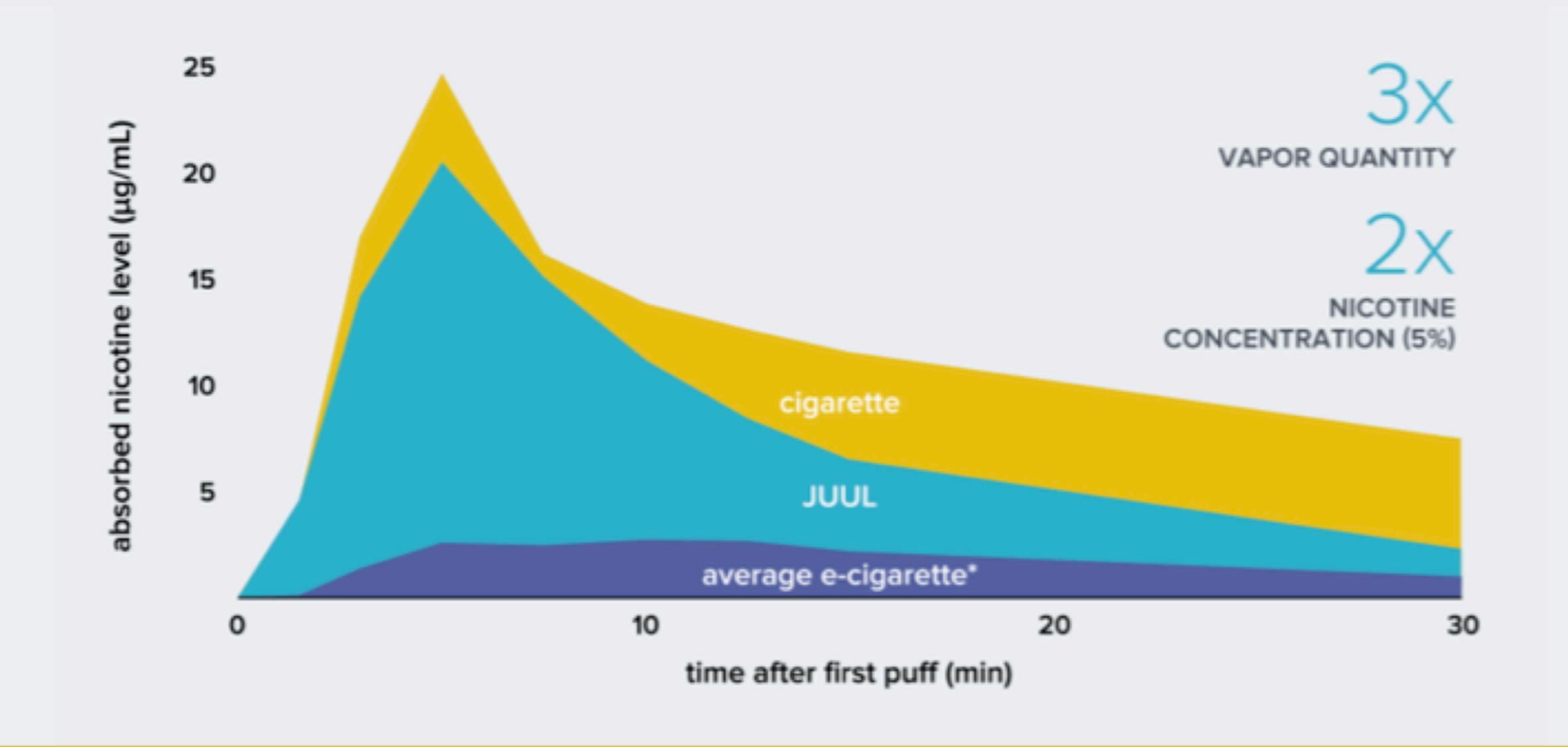
#### JUUL's Patent Says:

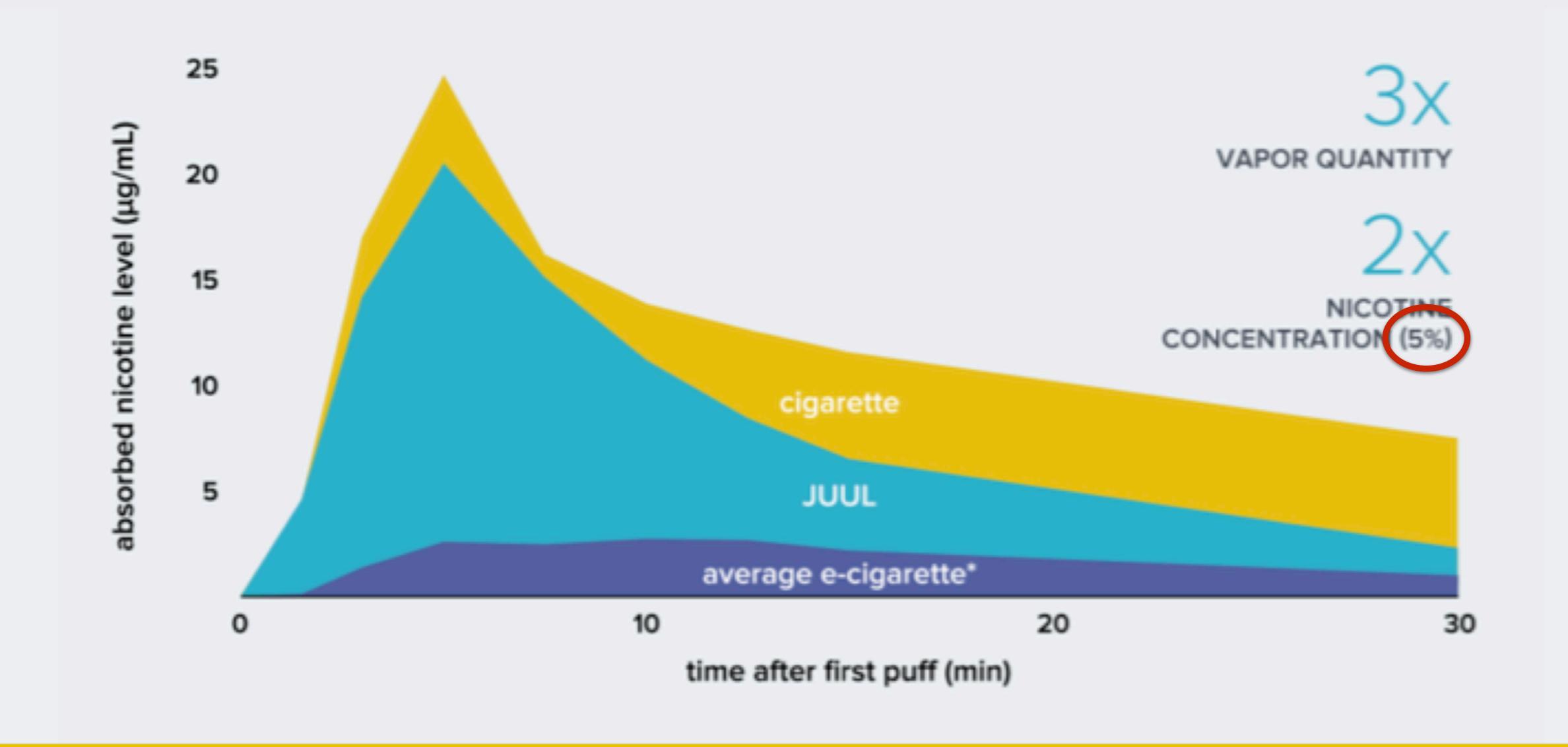
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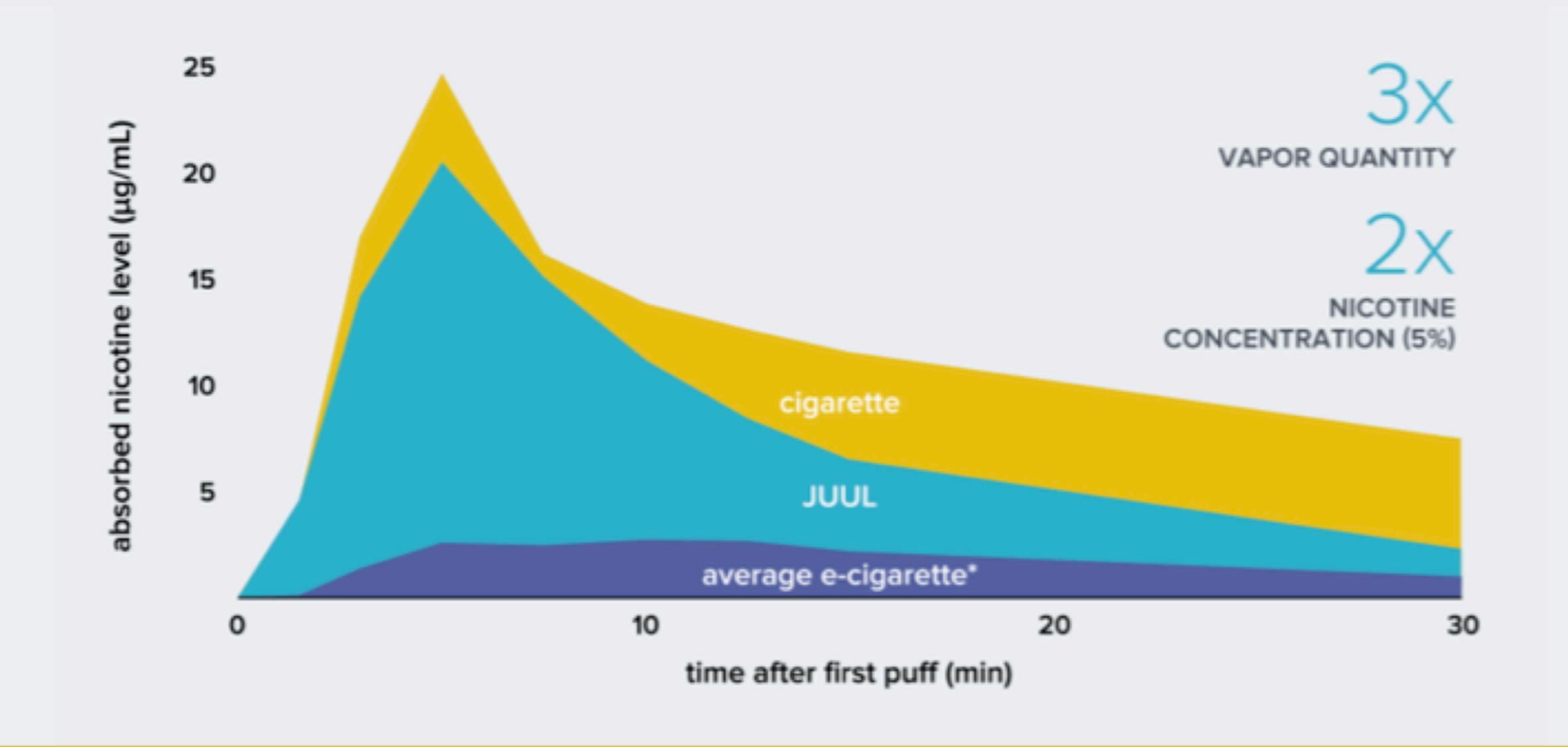


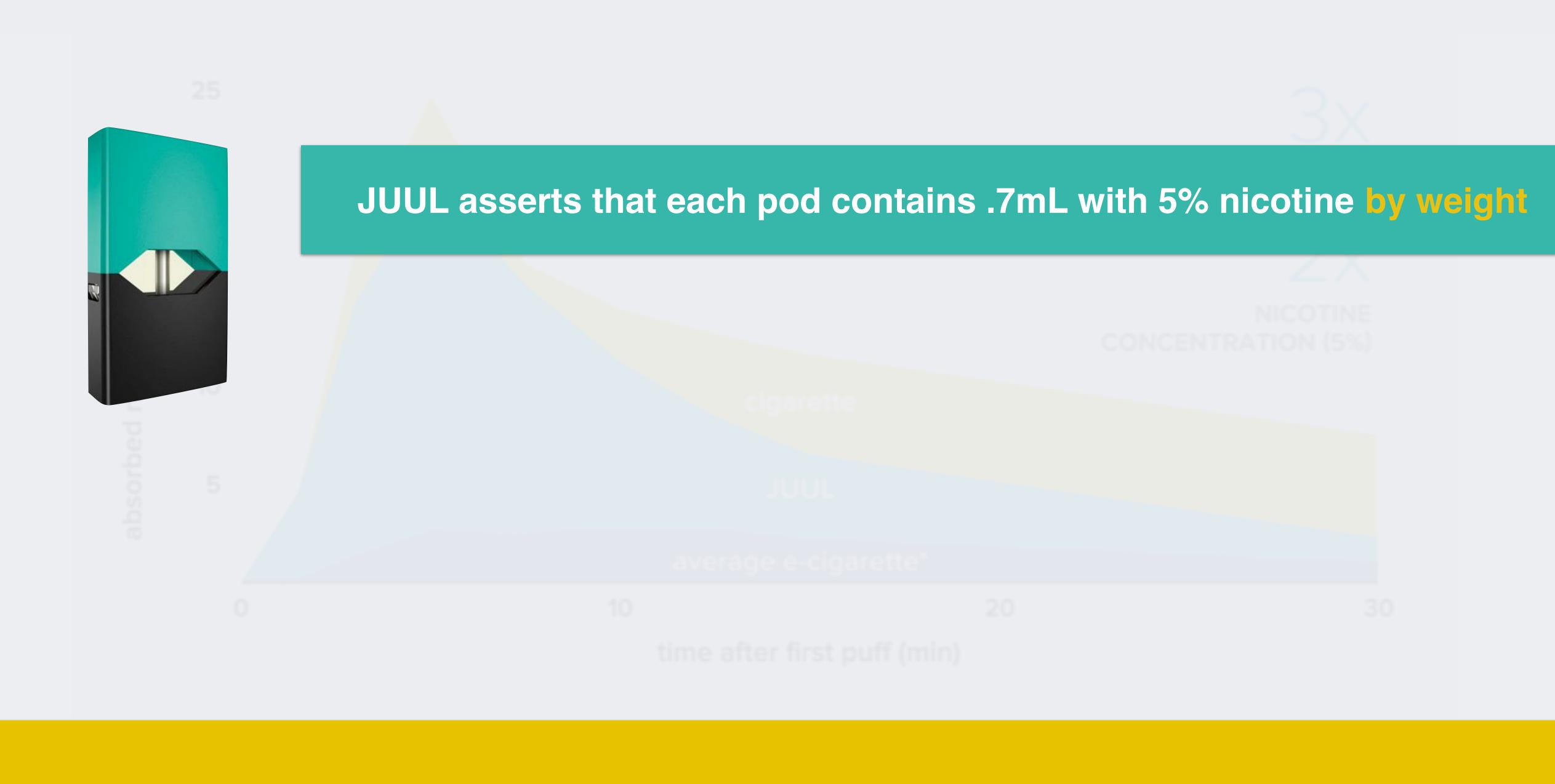








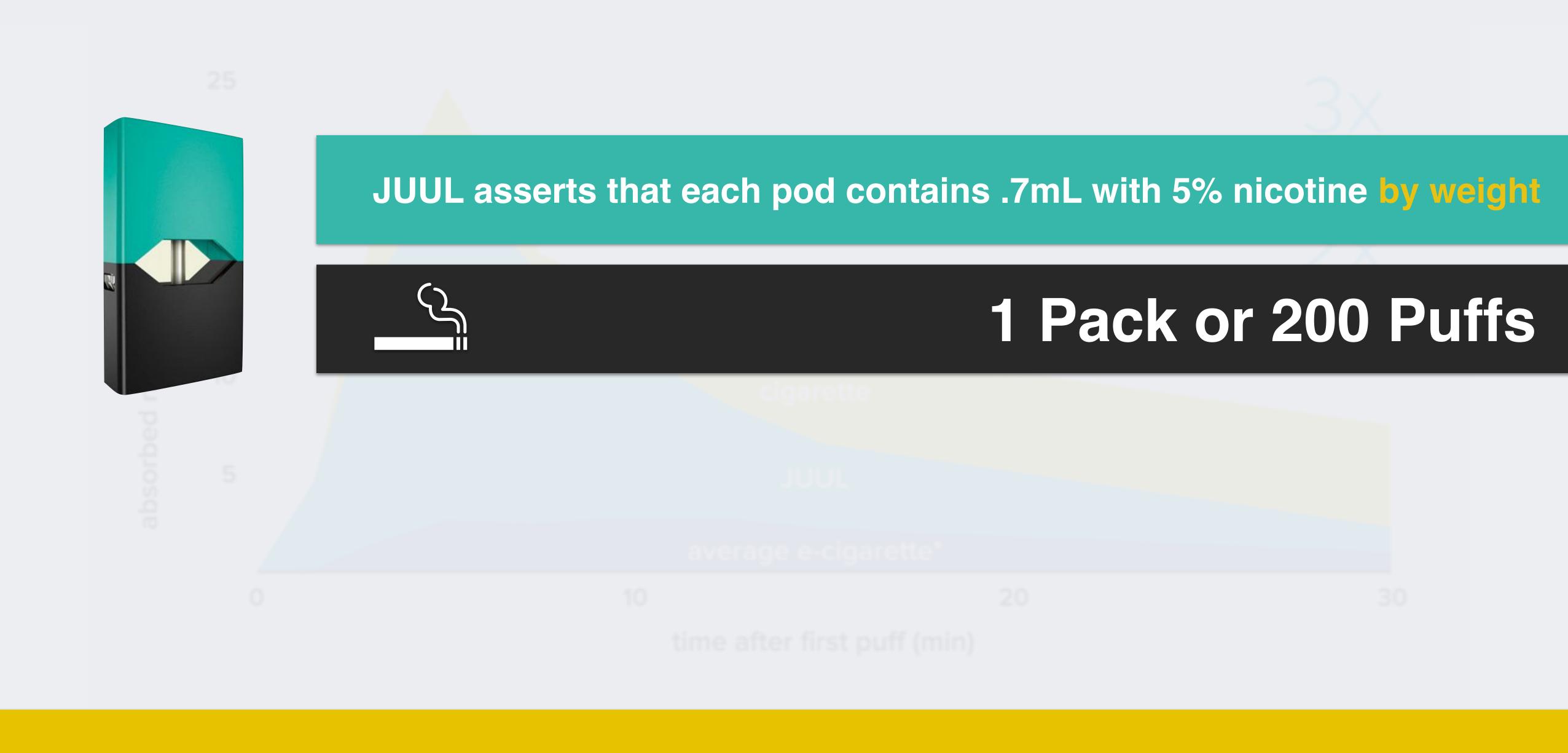


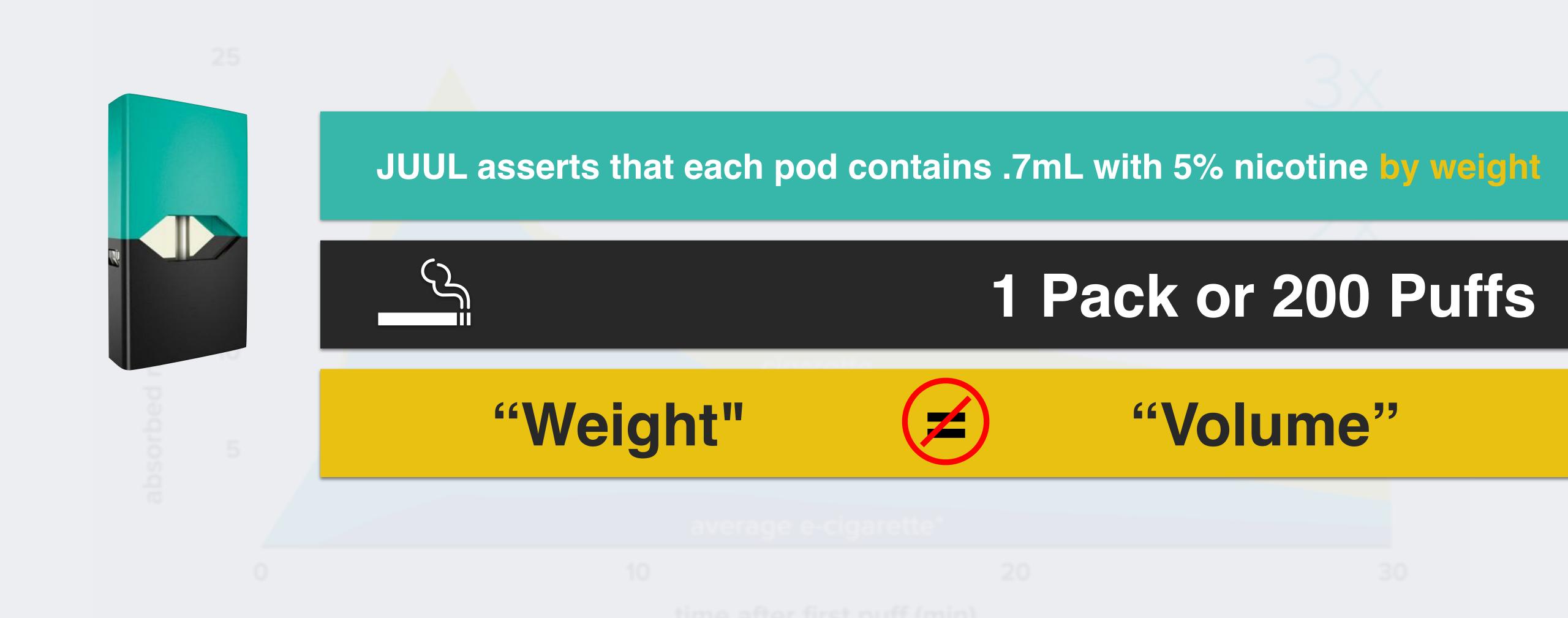


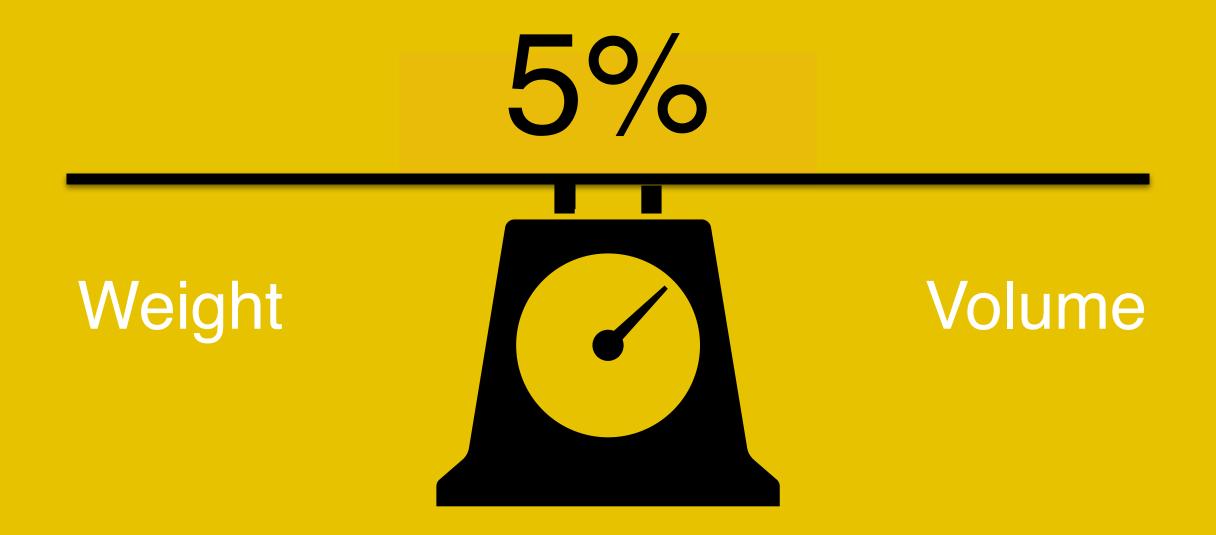
Concentration by Weight

VS.

Concentration by Volume







5%
Weight Volume





Misrepresents the most material feature of its product ——NICOTINE CONTENT

Weight

### Most brands that pre-date JUUL...



### NICOTINE CONTENT

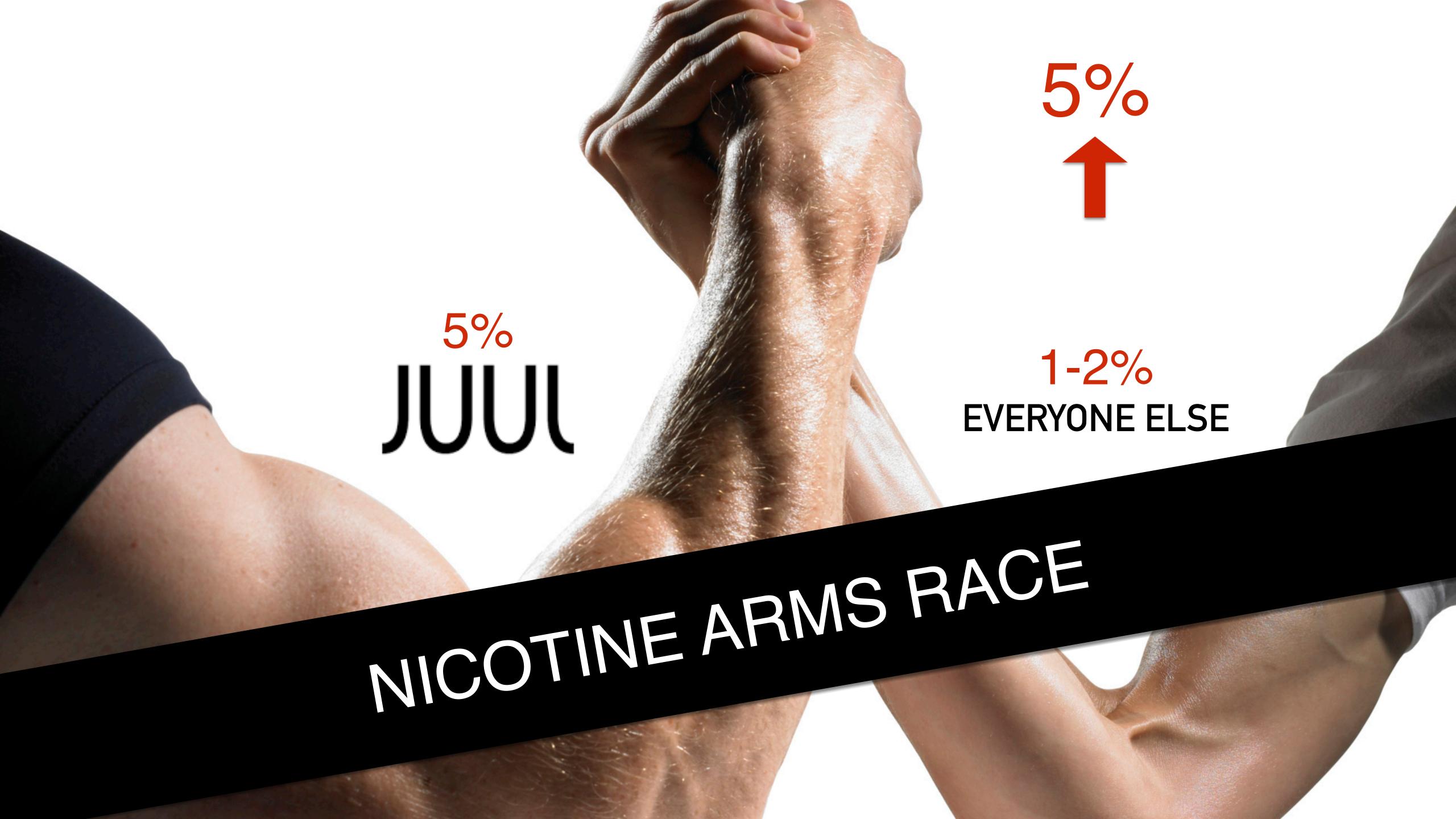


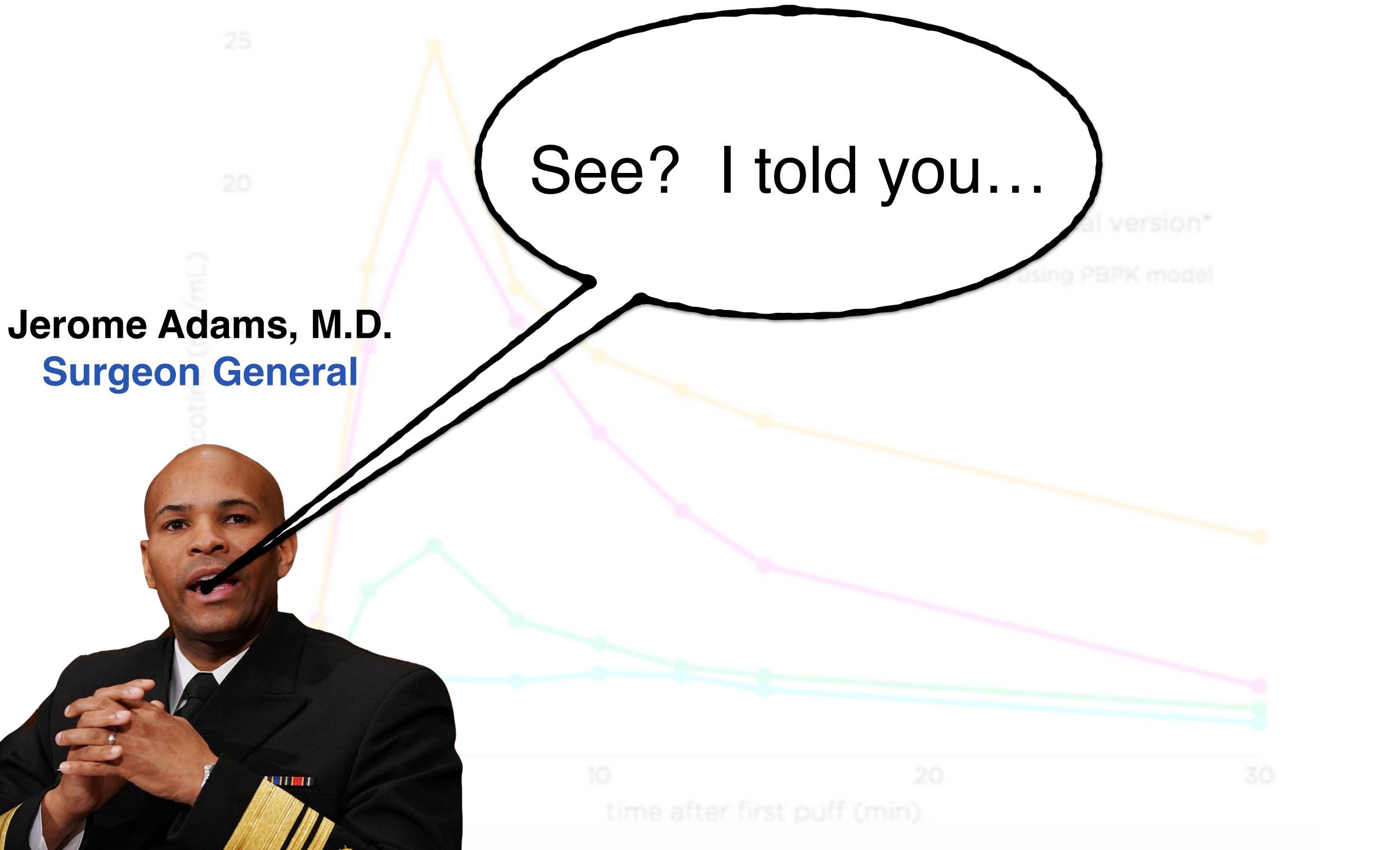
## Most brands that pre-date JUUL...

Considered "Super High"











## MARNINGE

This product contains Nicotine.

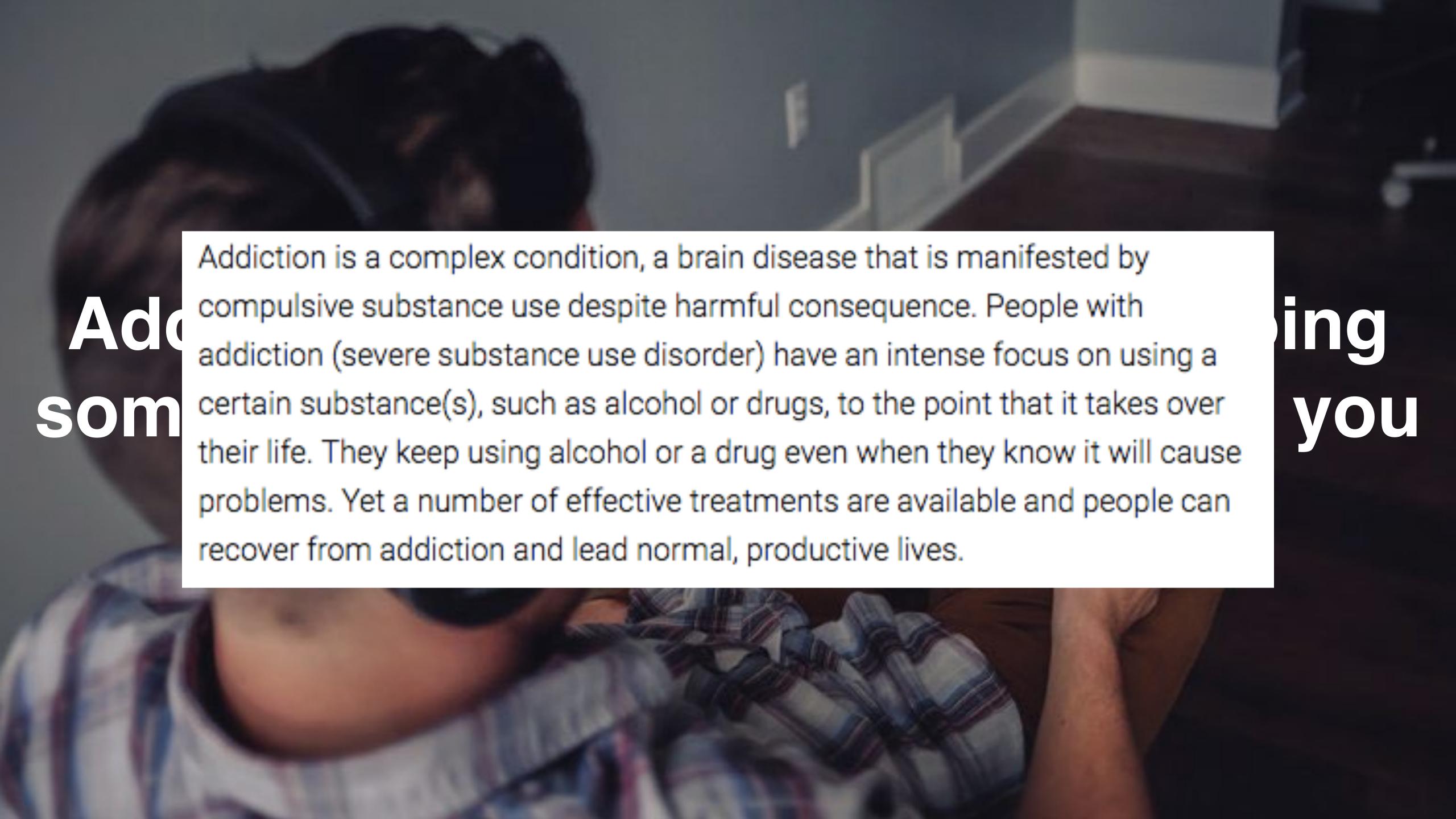
Nicotine is an addictive chemical.

## MARNINGE

This product contains Nicotine.

Nicotine is an addictive

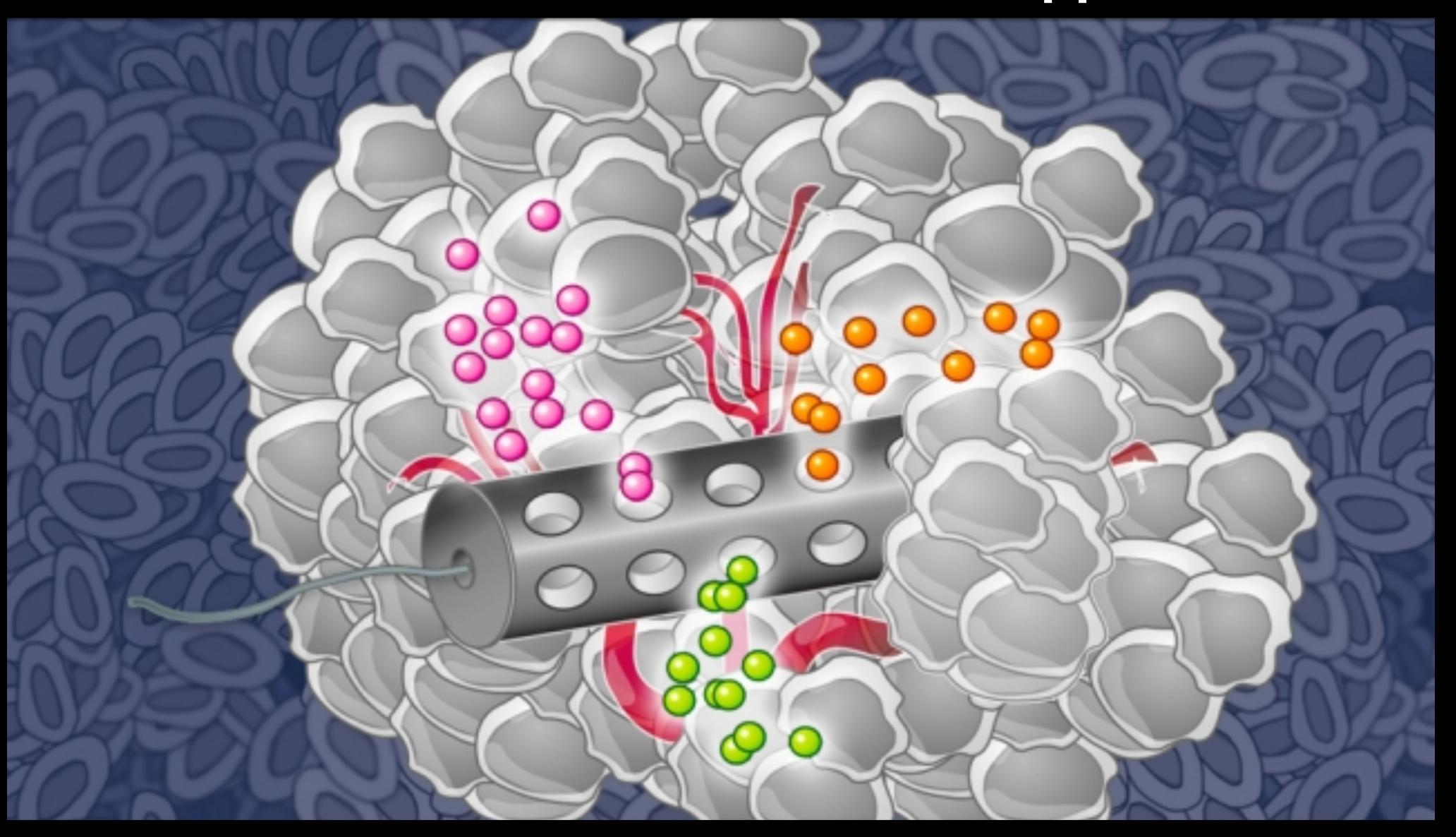
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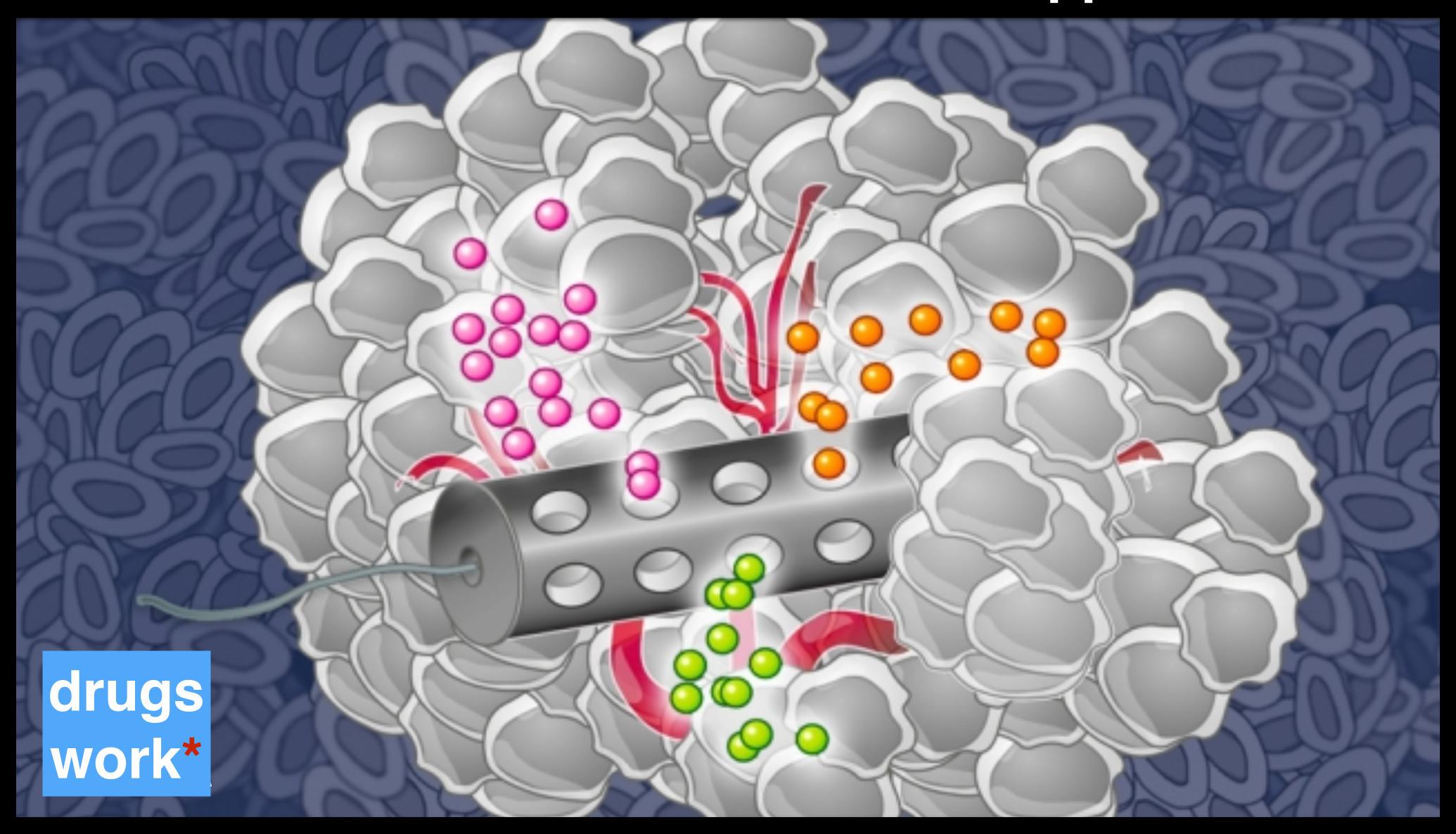


### Don't talk about what CAN happen.



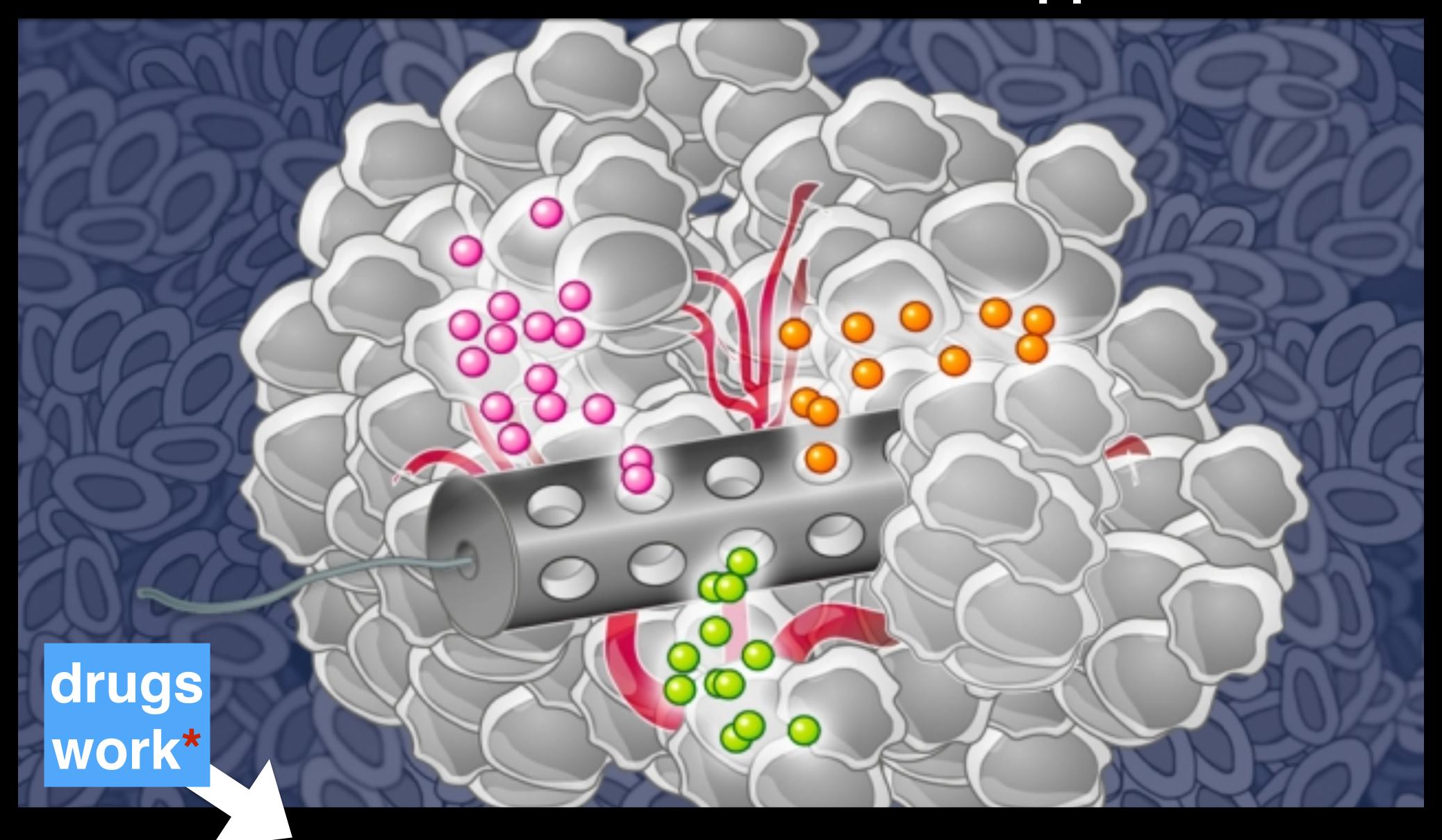
Let's talk about what DOES happen.

### Don't talk about what CAN happen.

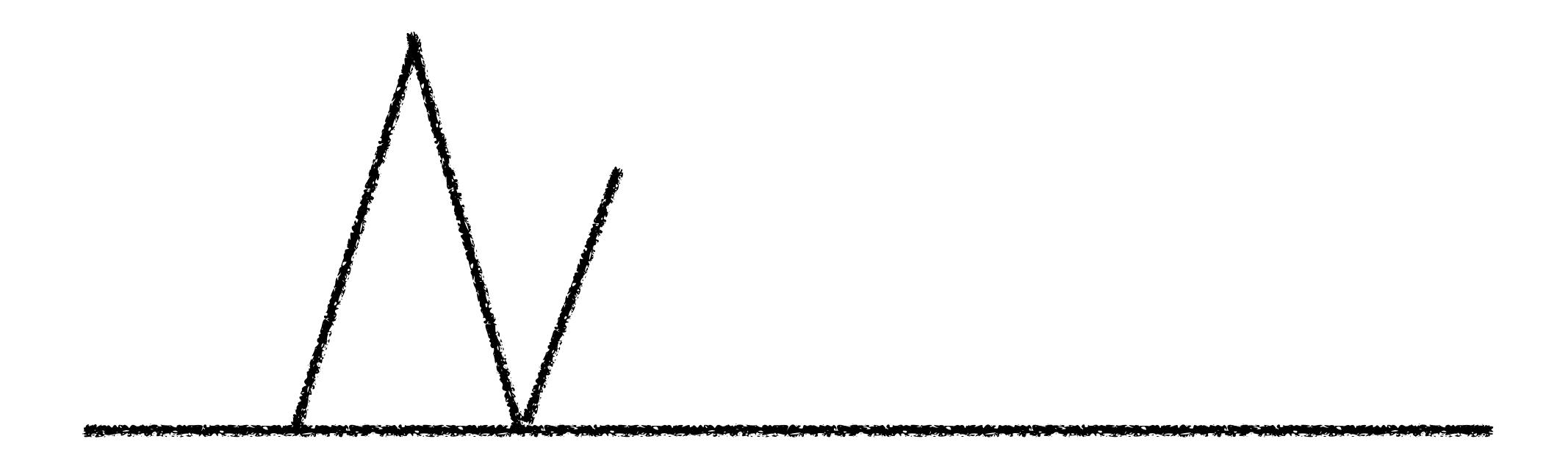


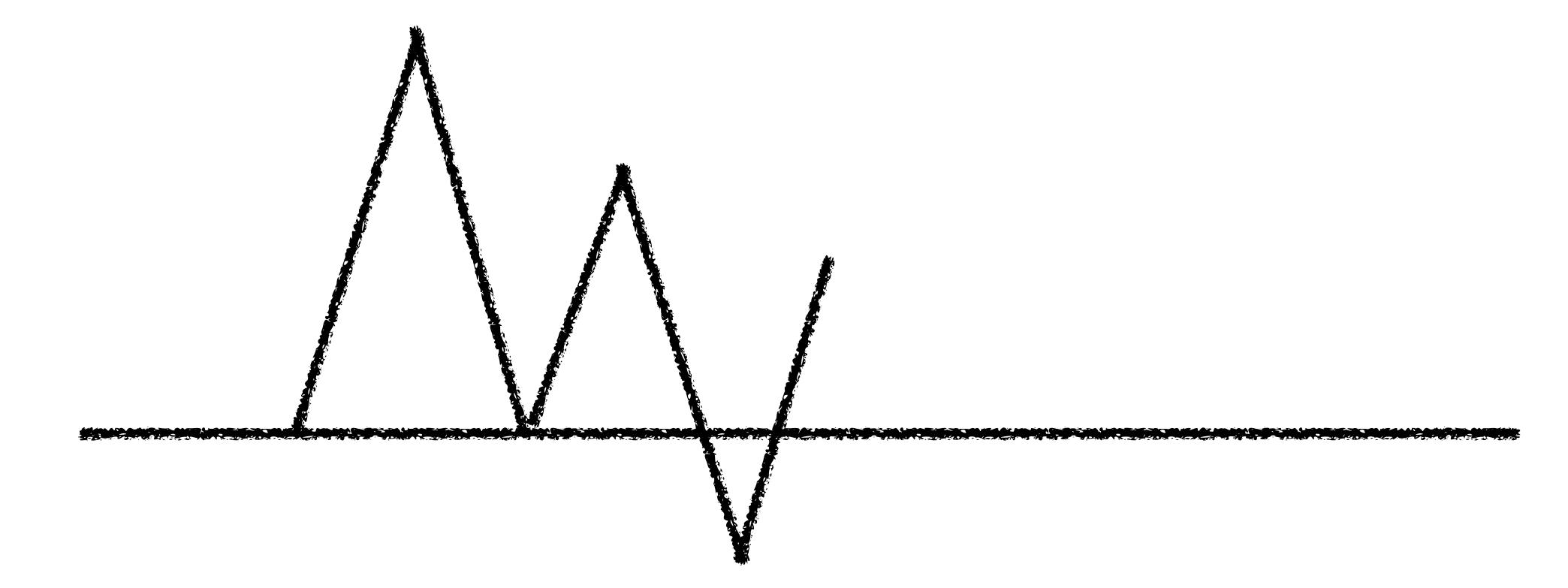
Let's talk about what DOES happen.

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Let's talk about what DOES happen.



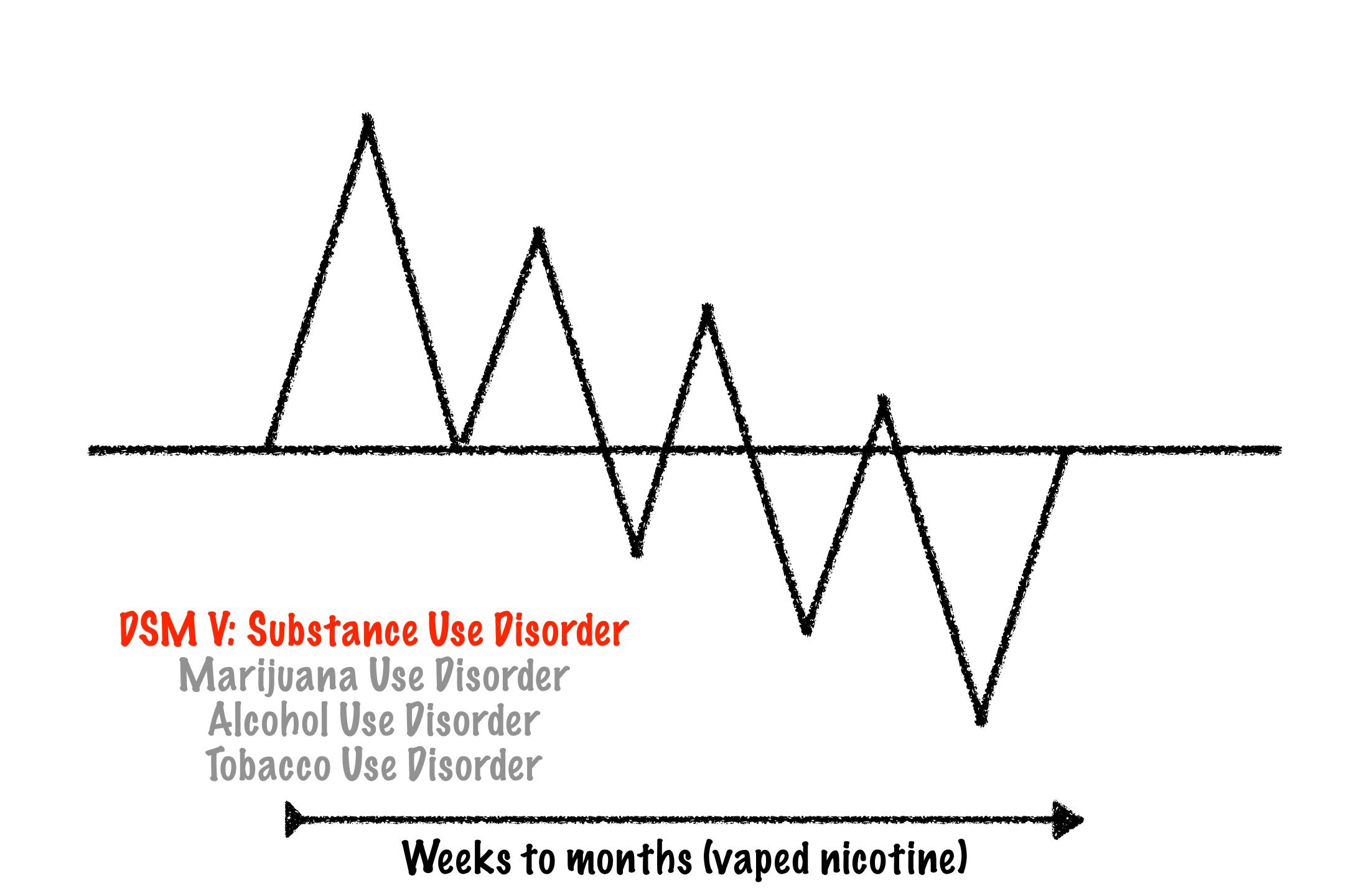


## PSM V: Substance Use Disorder Marijuana Ileo Disorder

Marijuana Use Pisorder Alcohol Use Pisorder Tobacco Use Pisorder

### PSM V: Substance Use Disorder

Marijuana Use Pisorder Alcohol Use Pisorder Tobacco Use Pisorder



### PSM V: Substance Use Disorder

# We Know They're Harmful Even without Tobacco

Cause Cancer? Cancer takes years to develop.
Can take 15-20 years to determine if a product increases a person's risk of cancer

"Unlike cigarettes, our products have never been proven to cause cancer!" increase industry isk

Your "friends" at the vape industry isk



## We Know They're Harmful



### We Know They're Harmful

Gause Cancer P Cancer takes years to develop.
Can take 15-20 years to determine if a product increases a person's risk of cancer

Get ready

When was the first vape/e-cigarette sold in a retail store in the United States?

Type Your Answer Now!

Chat

More ∨

To: Everyone ▼

Type message here...

Get ready

When was the first vape/e-cigarette sold in a retail store in the United States?

Type Your Answer Now!

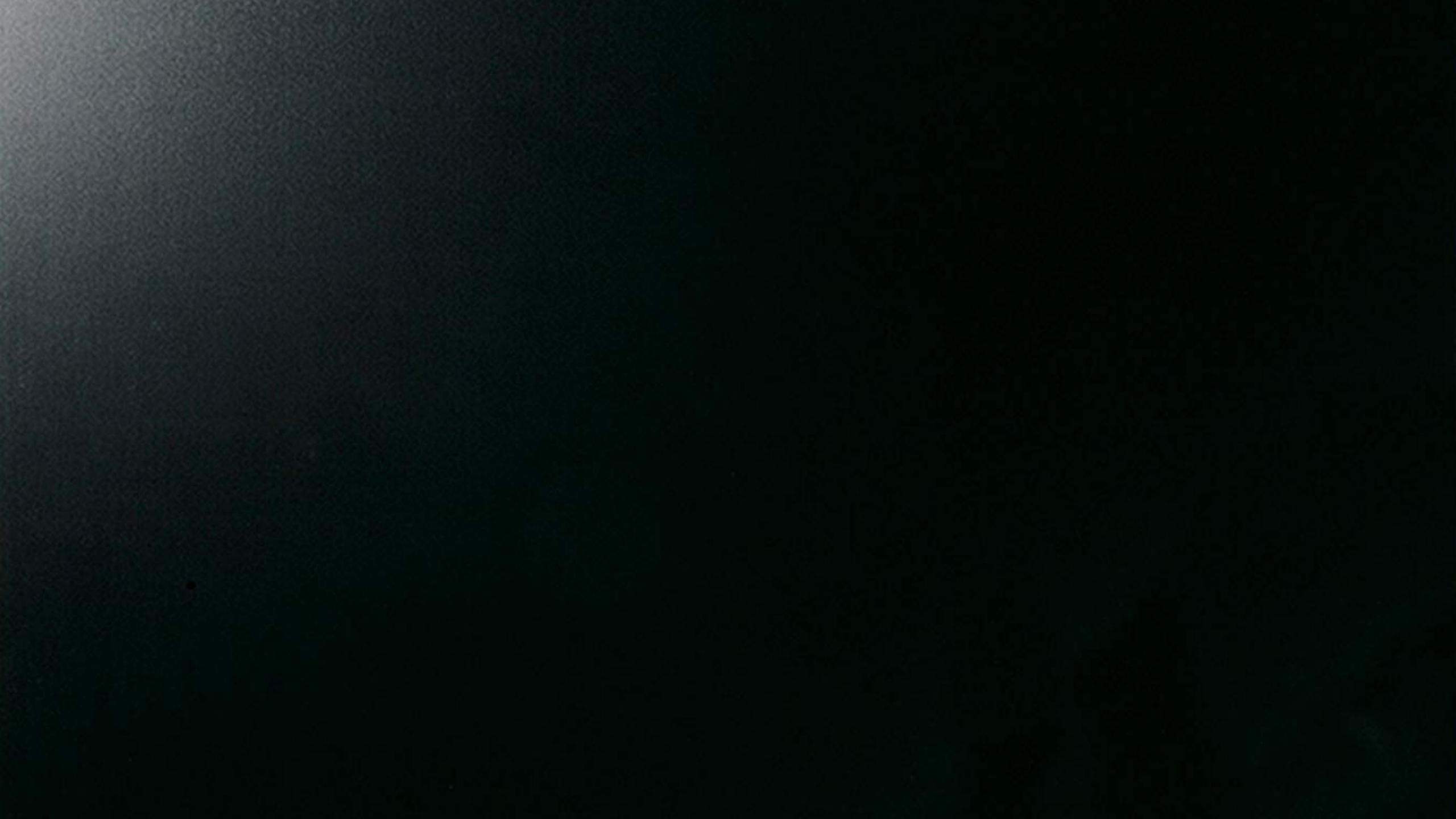
Chat



To: Everyone ▼

Type message here...

More ~



## We Know They're Harmful Even without Tobacco

Cause Cause Cancera Cancer takes years to develop.
Can take 15-20 years to determine if a product increases a person's risk of cancer

"We don't market to kids. We ONLY market to people who want to 'switch' from smoking."

increases industry is at the vape industry is your "friends" at the cancer

## We Know They're Harmful











0 Calories | 50 Servings



























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



Malin St. Adm., Soc.

The lady in the chic chapeau may have let her cuthusiasm go to her head.

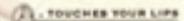
Yet, who can blame her? So many smart Parliament smokers want everyone to know their ciparette is special.

The crush-proof box...choice tobaccos...luxurious flavor...the famous Mouthpiece that keeps
the filter recessed a full quarter-inch away from your lips. With Parliaments, only the flavor toucher your lips!



Parliaments

ONLY THE FLAVOR



## SMOKING

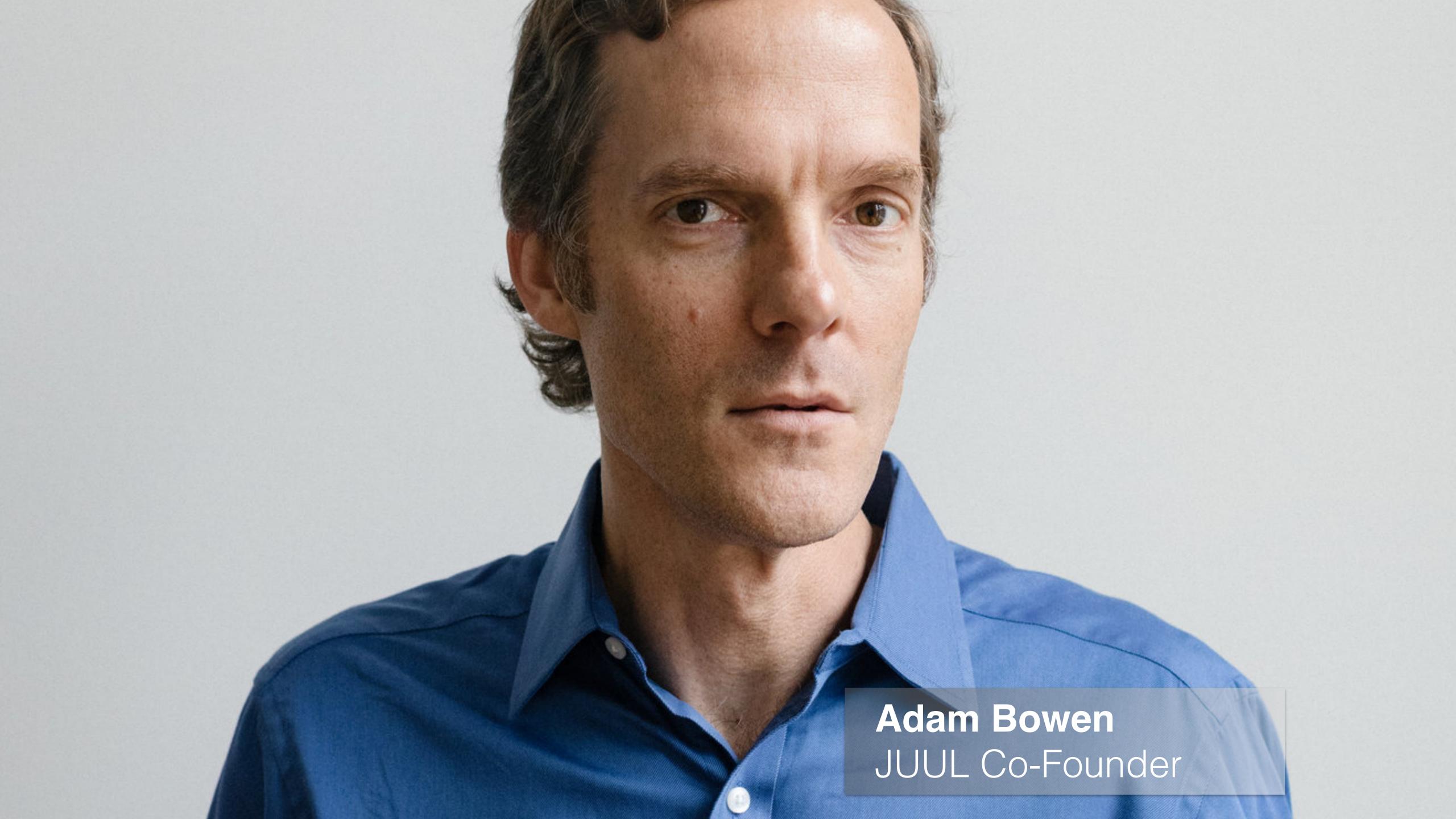
SHOP JUUL



Simple, smart, ntensely satisfying



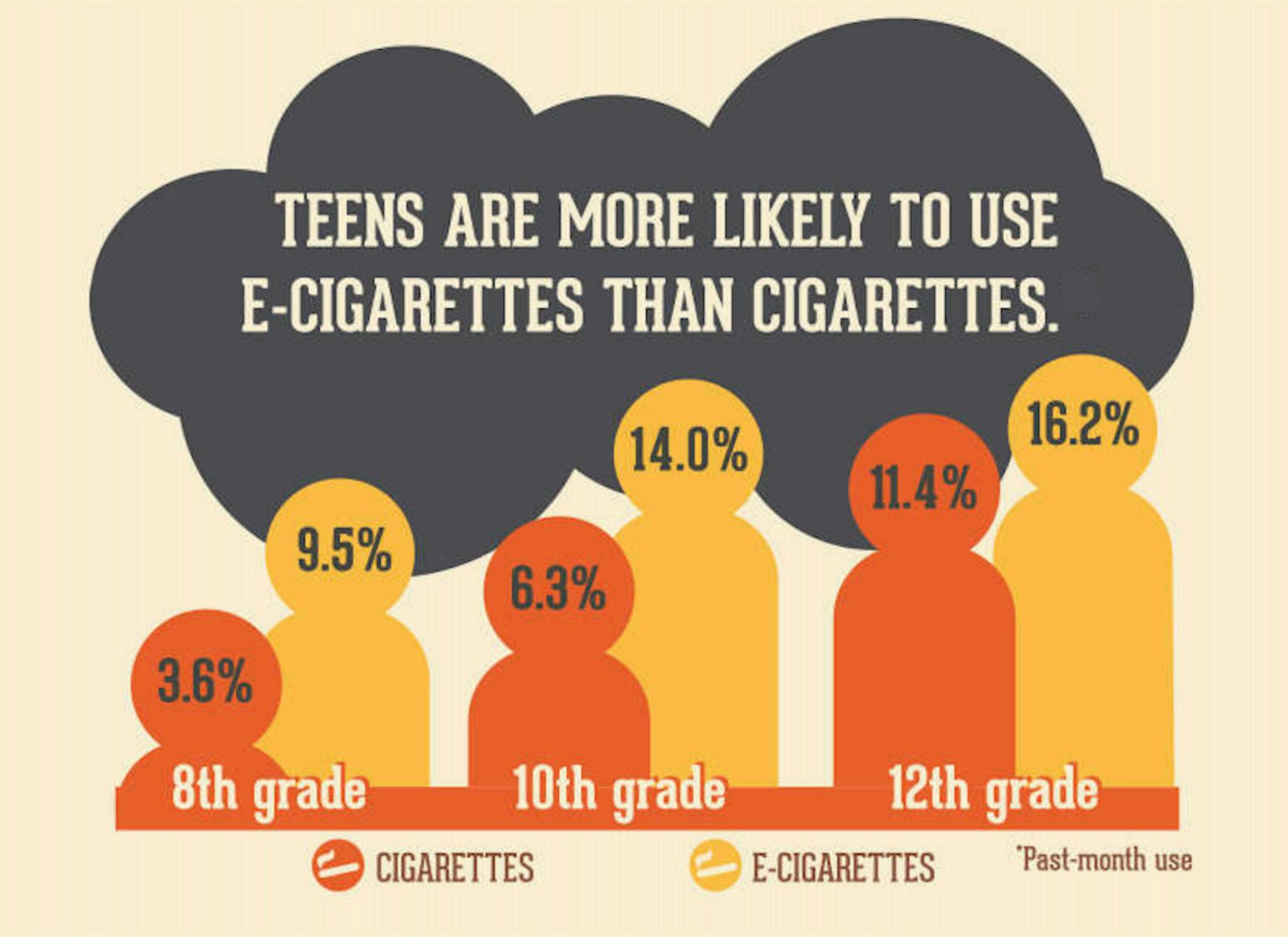


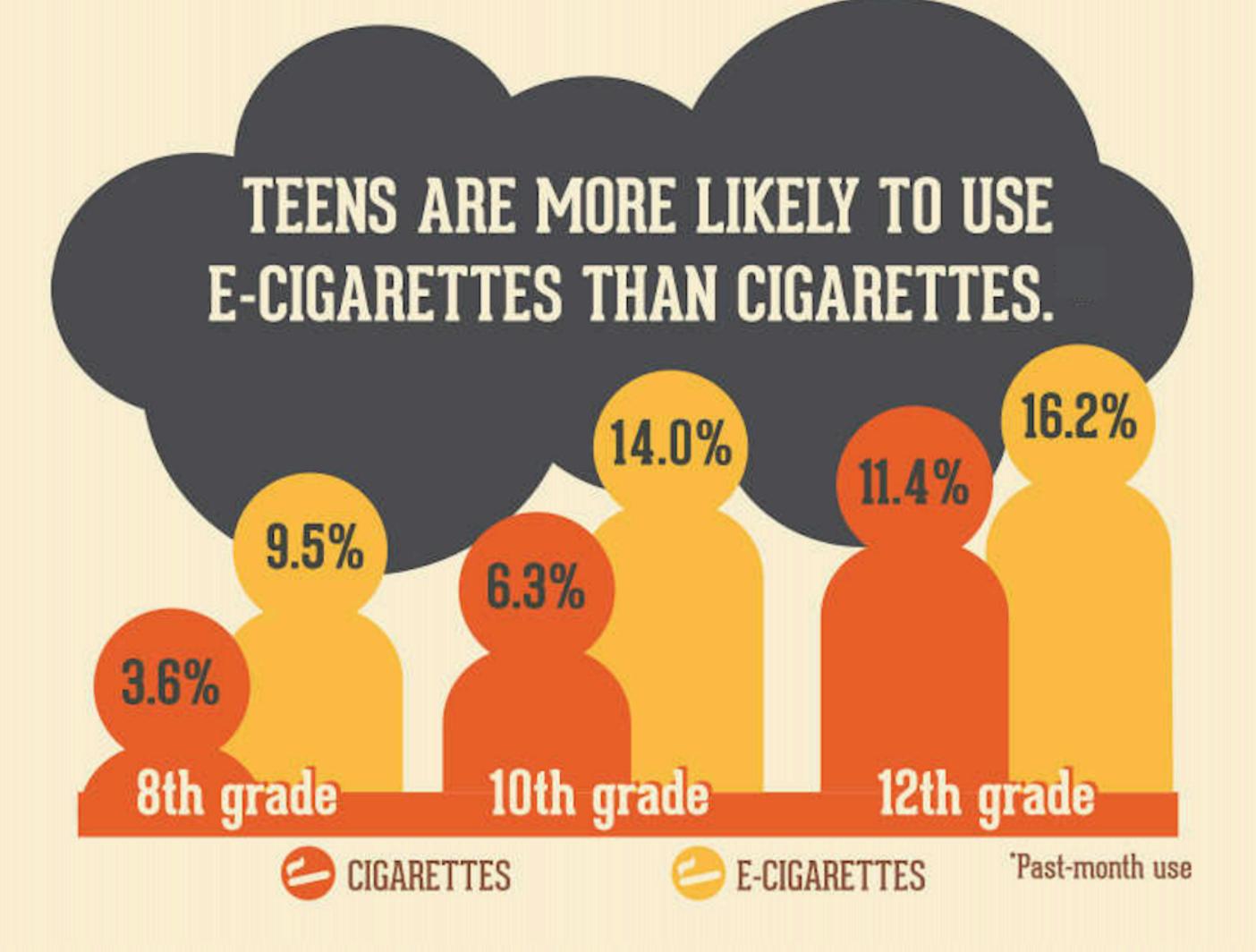


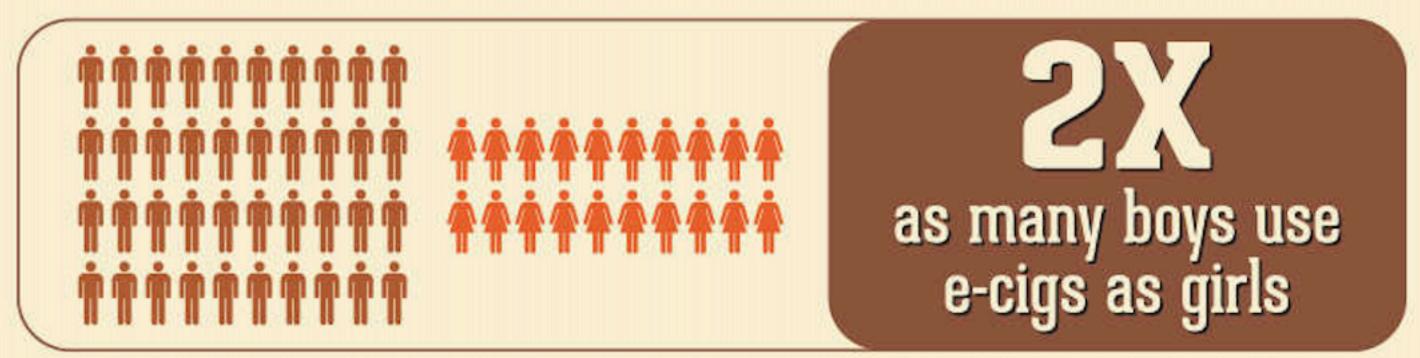








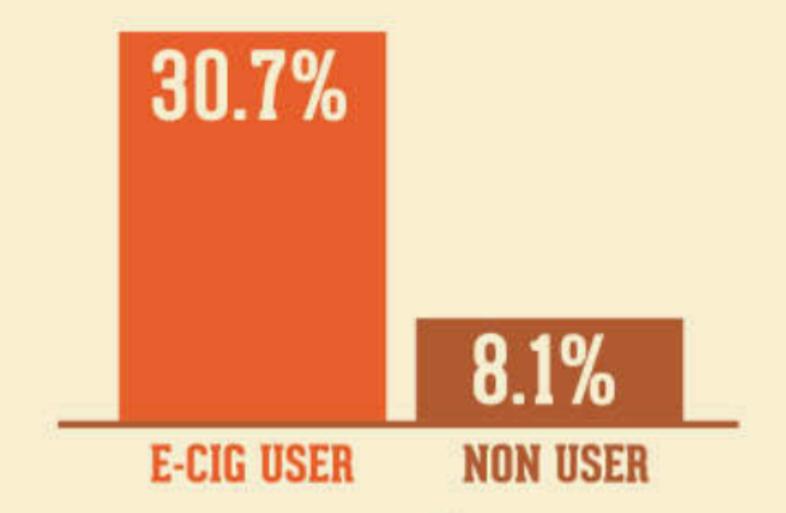




#### TEEN E-CIG USERS ARE MORE LIKELY TO START SMOKING.

#### TEEN E-CIG USERS ARE MORE LIKELY TO START SMOKING.

#### Start Smoking Within 6 Months



Includes combustible tobacco products [cigarettes, cigars, and hookahs]

## We Know They're Harmful Even without Tobacco

Cause Cancer? Cancer takes years to develop.
Can take 15-20 years to determine if a product increases a person's risk of cancer

## we know They're Harmful

Even without John

"Our products are safer than \_\_\_\_\_ "

increases industry isk

- Your "friends" at the vape industry

- Your "friends"

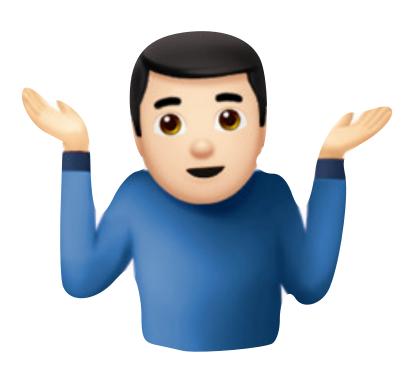
"Our products are safer than

increases industry isk

- Your "friends" at the vape industry

- Your "friends"





#### Forty-Two Chemicals Identified in Electronic Cigarettes

2-butanone (MEK)

2-furaldehyde

Acetaldehyde 🗸 🗡

Acetic acid

Acetone 🗸

Acrolein 🗸

Aluminum

Barium

Benzene 🗸 🛣

Boron

**Butanal** 

Butyl hydroxyl toluene

Cadmium 🗸 🛨

Chromium 🗸 🔭

Copper

Crotonaldehyde

Diethylene Glycol 🗸

Formaldehyde 🗸 🛣

Glyoxal

Iron

Isoprene 🗸

Lead 🗸 🗡

= exposure can be harmful to health



**Known Carcinogen** 

Red = emitted in second hand vapor

Limonene

m,p-Xyelen

Magnesium

Manganese

Nickel 🗸 🗡

Nicotine 🗸

N-Nitrosonornicotine 🗸 🤺

o-Methylbenzaldehyde 🗸

p,m-Xylene

Phenol 🗸

Polycyclic Aromatic Hydrocarbons 🗸 🤺

Potassium

Propanal 🗸

Propylene Glycol 🗸

Sulfur

Tin 🗸

Toluene 🗸

Valeraldehyde

Zinc

Zirconium

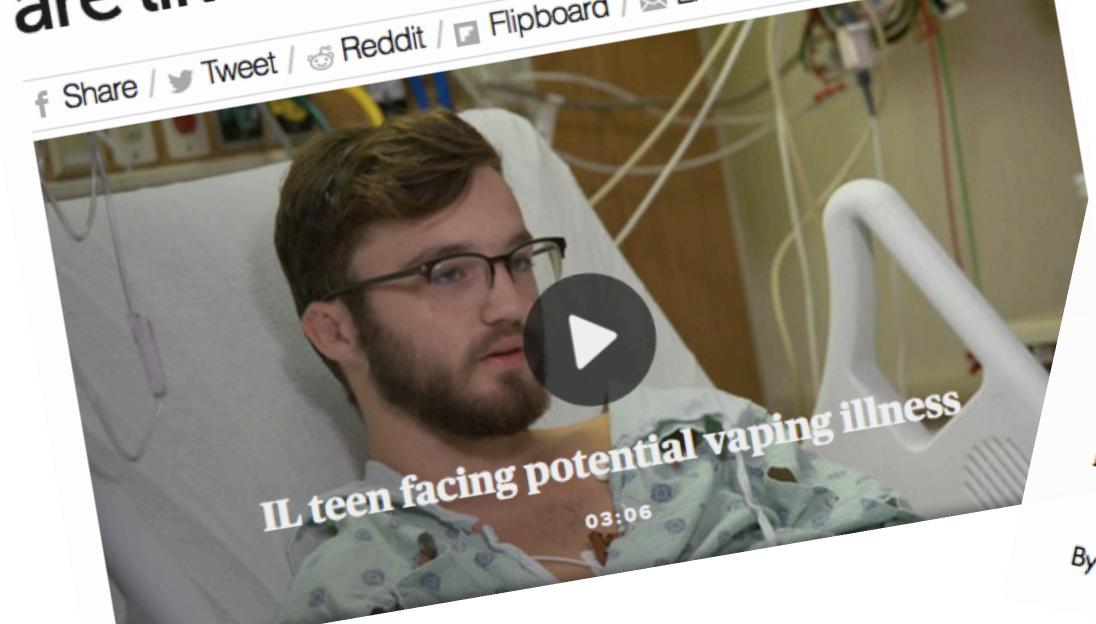
#### IN BRIEF



#### Vaping May Have Landed 8 Teens in the **Hospital with Serious Lung Damage**

By Rachael Rettner - Senior Writer July 29, 2019 Health





sterious Vaping Illness ecoming an Epidemic' ang ailments has baffled doctors and public

## 22 Teens in the Midwest Have Been Hospitalized Following Separate Vaping Incidents

In early August, health officials announced that 14 teenagers had been

By Matt McNulty | August 15, 2019 11:21 AM



Vaping May Have Landed 8 Teens in the

#### IN BRIEF



CENTERS FOR DISEASE CONTROL AND PREVENTION

## Refrain from using e-cigarette or vaping products."



CENTERS FOR DISEASE CONTROL AND PREVENTION

## Vaping May Have Landed 8 Teens in the

E-Cigarette or Vaping Associated

hospitalized; the humber is now up to 22

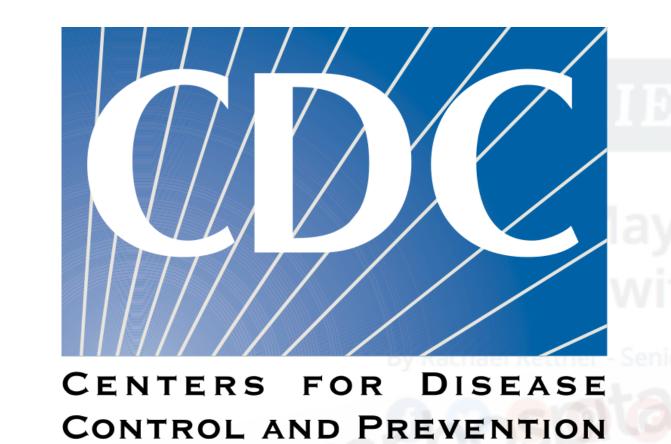


CENTERS FOR DISEASE CONTROL AND PREVENTION

## Vaping May Have Landed 8 Teens in the

E-Cigarette or Vaping Associated

hospitalized; the humber is now up to 22



## 2,807 confirmed vaping-related lung illnesses. 68 Deaths



## 2,807 confirmed vaping-related lung illnesses. 68 Deaths

About 20% increase week-to-week through 2/25/20

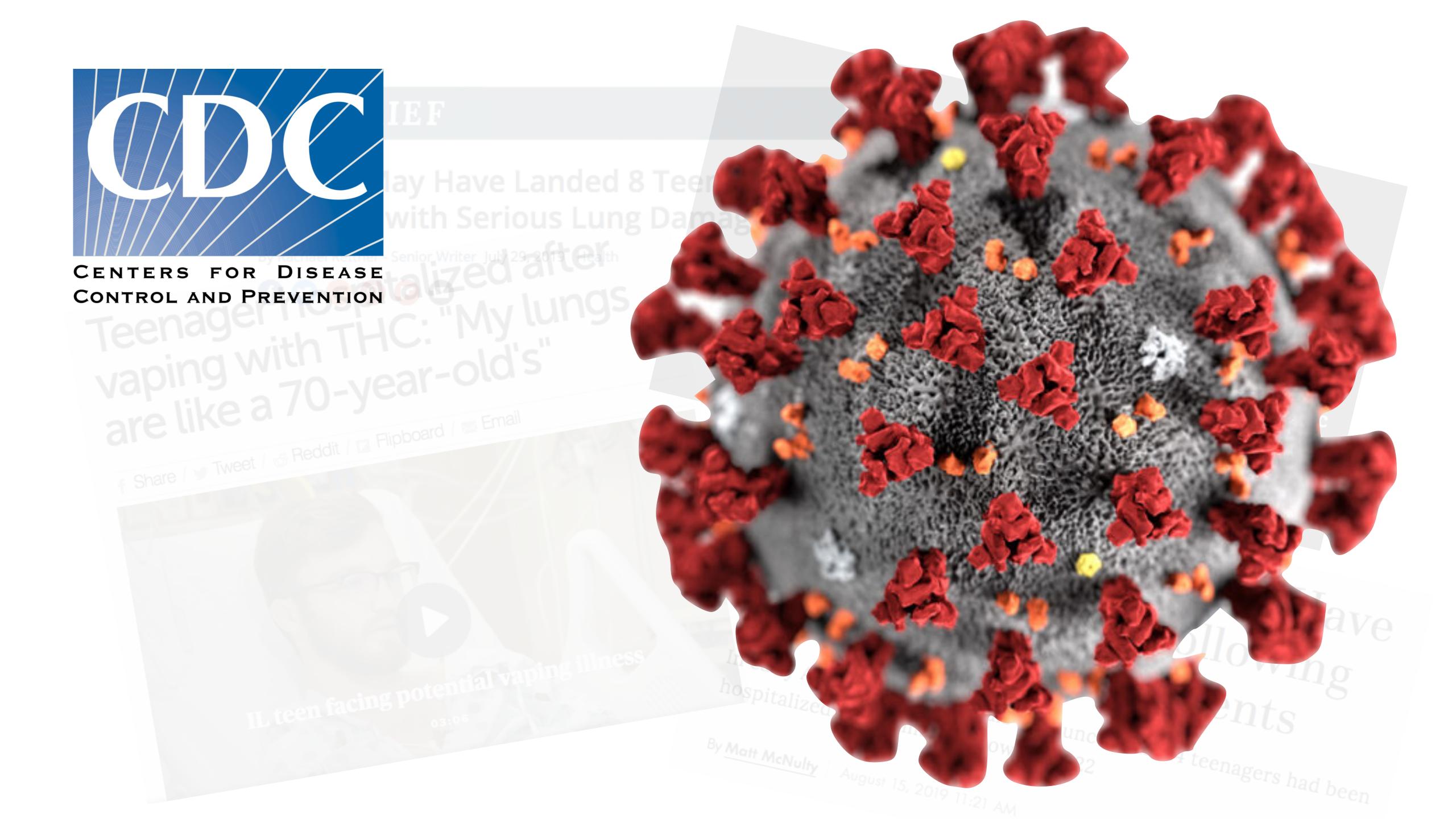


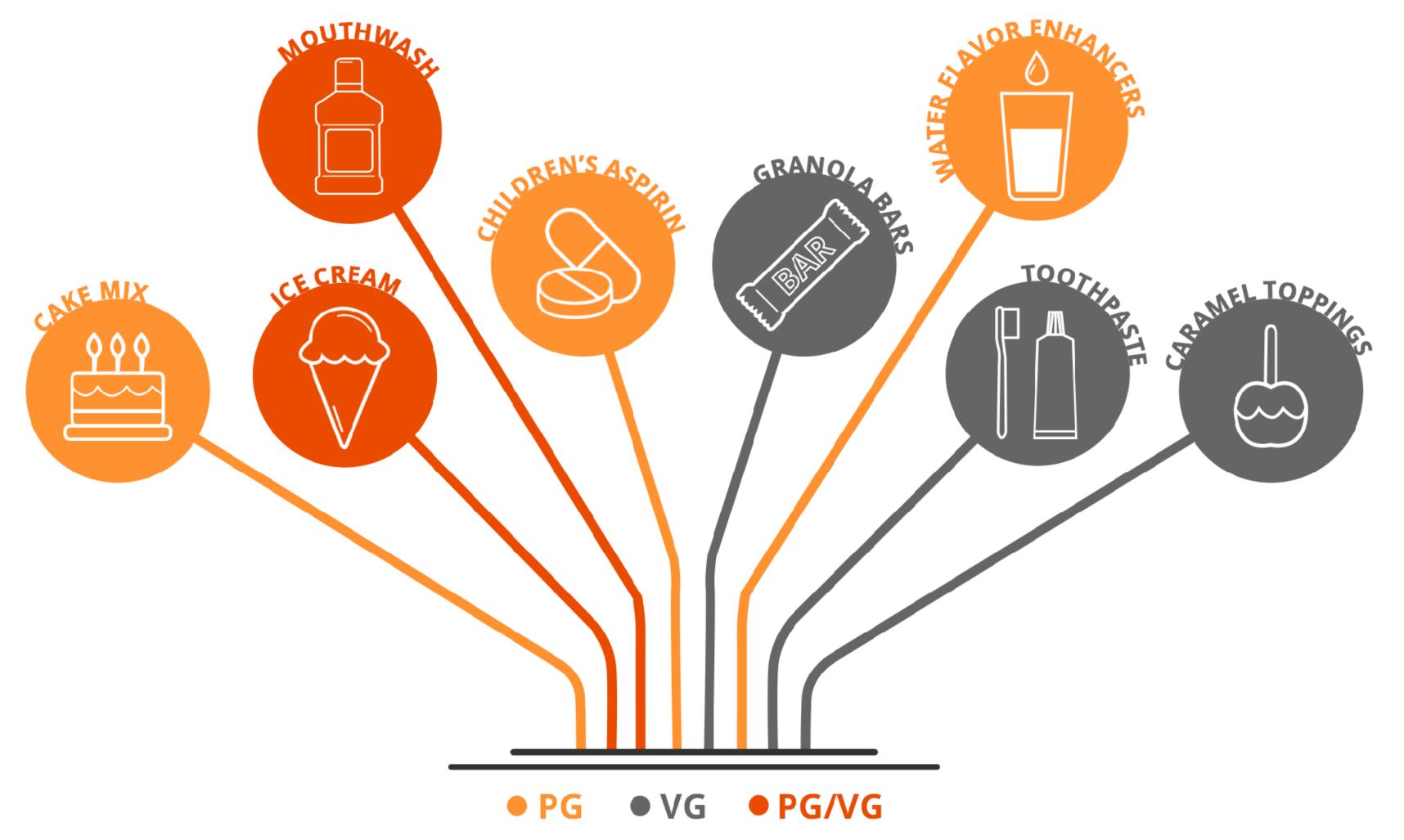


CENTERS FOR DISEASE

CONTROL AND PREVENTION

ay Have Landed 8 Teens in the





LOTS OF THINGS CONTAIN

## PROPYLENE GLYCOL & VEGETABLE GLYCERIN



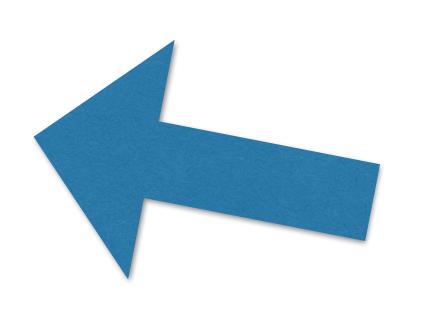
PG/VG PG/VG at the vape industry

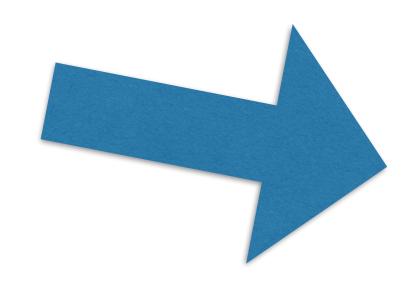
Pyour "friends" at the Vape GLYCOL

CGETABLE GLYCERIN

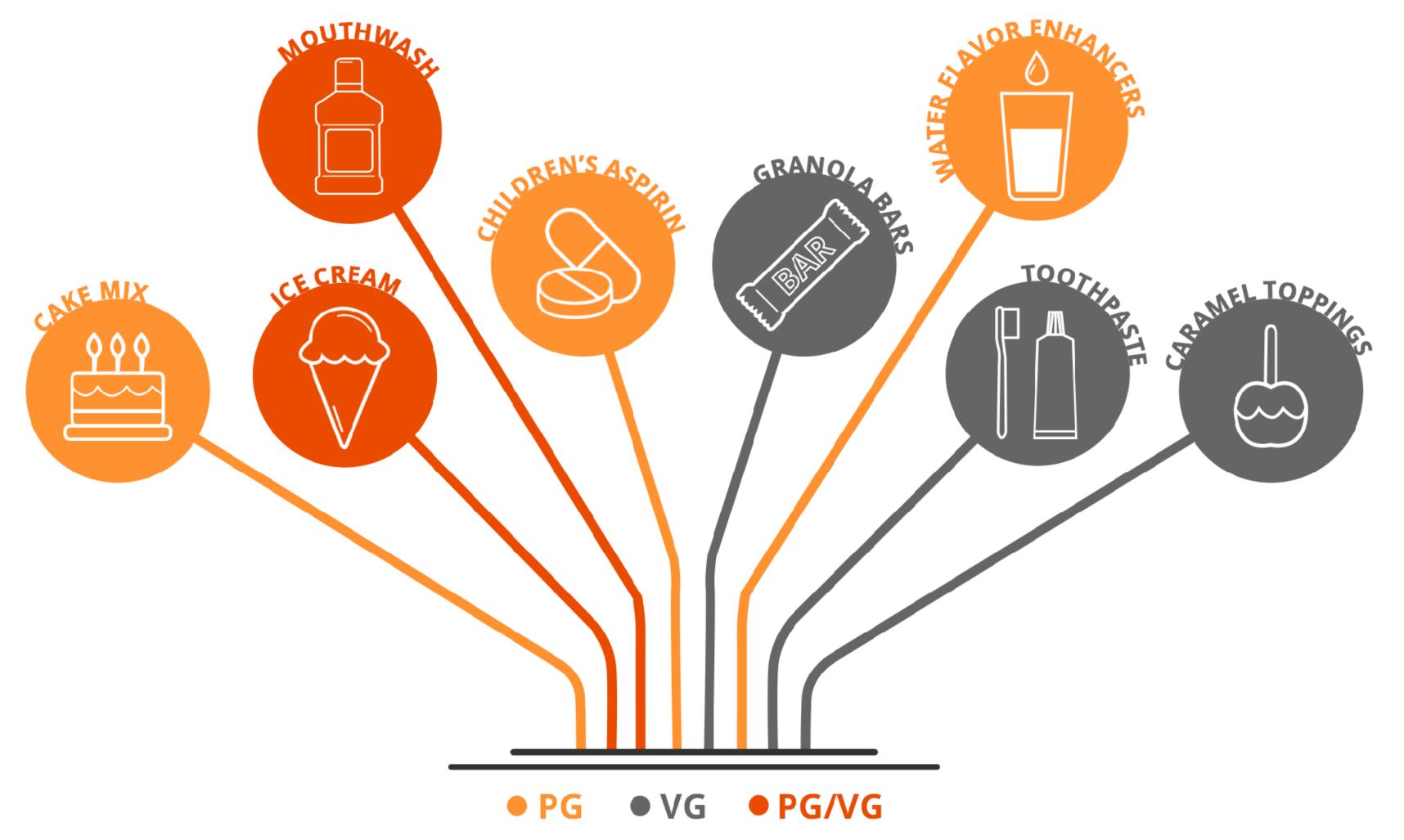


## PG Propylene Glycol





VG Vegetable Glycerin



LOTS OF THINGS CONTAIN

## PROPYLENE GLYCOL & VEGETABLE GLYCERIN

## ARE PG & VALUE OF SAFE?

PG and VG are considered safe in food and skin products like soap and lotions. The FDA considers them "generally recognized as safe" in food additives.

## ARE PG& VG SAFE?

PG and VG are considered safe in food

But NOT for Inhalation

as safe" in food additives.

#### NICOTINE LEVEL

Omg

12m

3m

18mg

6mg

24mg

#### PG/VG RATIO

60/40

20/80





#### WARNINGS

Contains: PG, VG, Nicotine, Artificial & Natural Flavors.

Contains nicotine. Do not ingest, toxic if swallowed. Keep away from pets and children.

Do not use if pregnant or under 18. Not FDA approved.



www.dlayouts.com 1800-888-8989



#### NICOTINE LEVEL

Omg

12m

3mg

18mg

6mg

24mg

#### PG/VG RATIO

60/40

20/80





#### WARNINGS

Contains: PG, VG, Nicotine, Artificial & Natural Flavors.

Contains nicotine. Do not ingest, toxic if swallowed. Keep away from pets and children. Do not use if pregnant or under 18. Not FDA approved.



www.dlayouts.com 1800-888-8989



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

may contain nicotine. Contents: PG, VG, natural and artificial color,an

this product. Adults only. You must be 18+ to use or purchase



WARNING: This product contains picotine. Nicotine san addictive chemical.

Contents: PG, VG, natural and artificial color,and may contain nicotine.

this product. Adults only. You must be 18+ to use or parchase



o mg

3 mg

6 mg

#### **OPEN HERE**

1 JU ULpod contains ~ 0.7 ml with 5% nicotine by weight. Approximately equivalent to about 1 pack of cigarettes.

#### Ingredients:

Glycerol, Propylene glycol, Flavor, Nicotine, Benzoic acid

Manufactured for JUUL Labs, Inc., San Francisco. C A www.JUUL.com

#### © 2018 JUUL Labs, Inc.

Protected by issued and / or pending US and International patents. Patent: JUUL. com/intellectual-property-list

#### California Proposition 65 Warning:

This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm

WARNING: Contains nicotine, which can be poisonous contact with skin and eyes. Do not drink. Keep out of reach children and pets. In case of accidental contact, seek me help.

Sale only allowed in the United States.

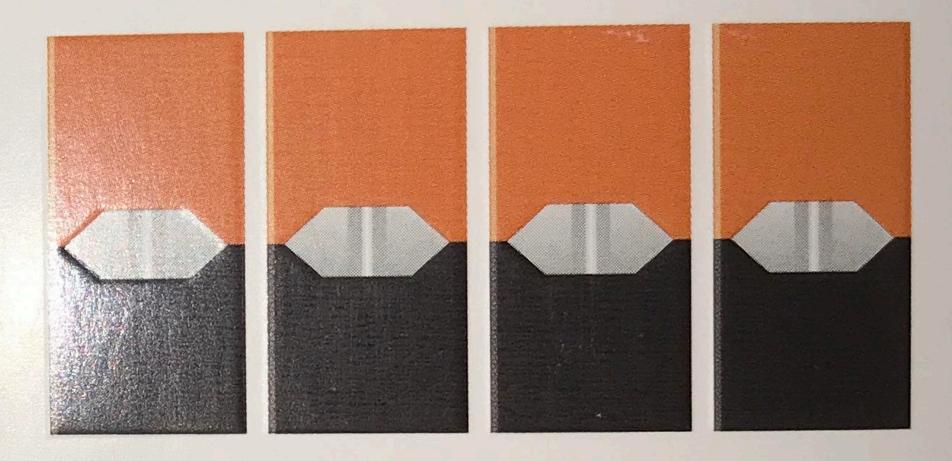


#### WARNING:



#### MANGO

4 Pods 5.0% Strength



The Alternative For Adult Smokers

#### **WARNING:**

Approximately equivalent to about 1 pack of cigarette

### Ingredients:

Glycerol, Propylene glycol, Flavor, Nicotine, Benzoic a

Manufactured for JUUL Labs, Inc., San Francisco. C A www.JUUL.com

### © 2018 JUUL Labs, Inc.

Protected by issued and / or pending US and Internat patents. Patent: JUUL.com/intellectual-property-list

### California Proposition 65 Warning:

## Diacety



## Diacety



### Diacety



39

out of

51





# THC vs CBD: What's Really in Your Weed?

Tetrahydrocannabinol Cannabidiol What's Really in Your Weed?

Cannabinoids

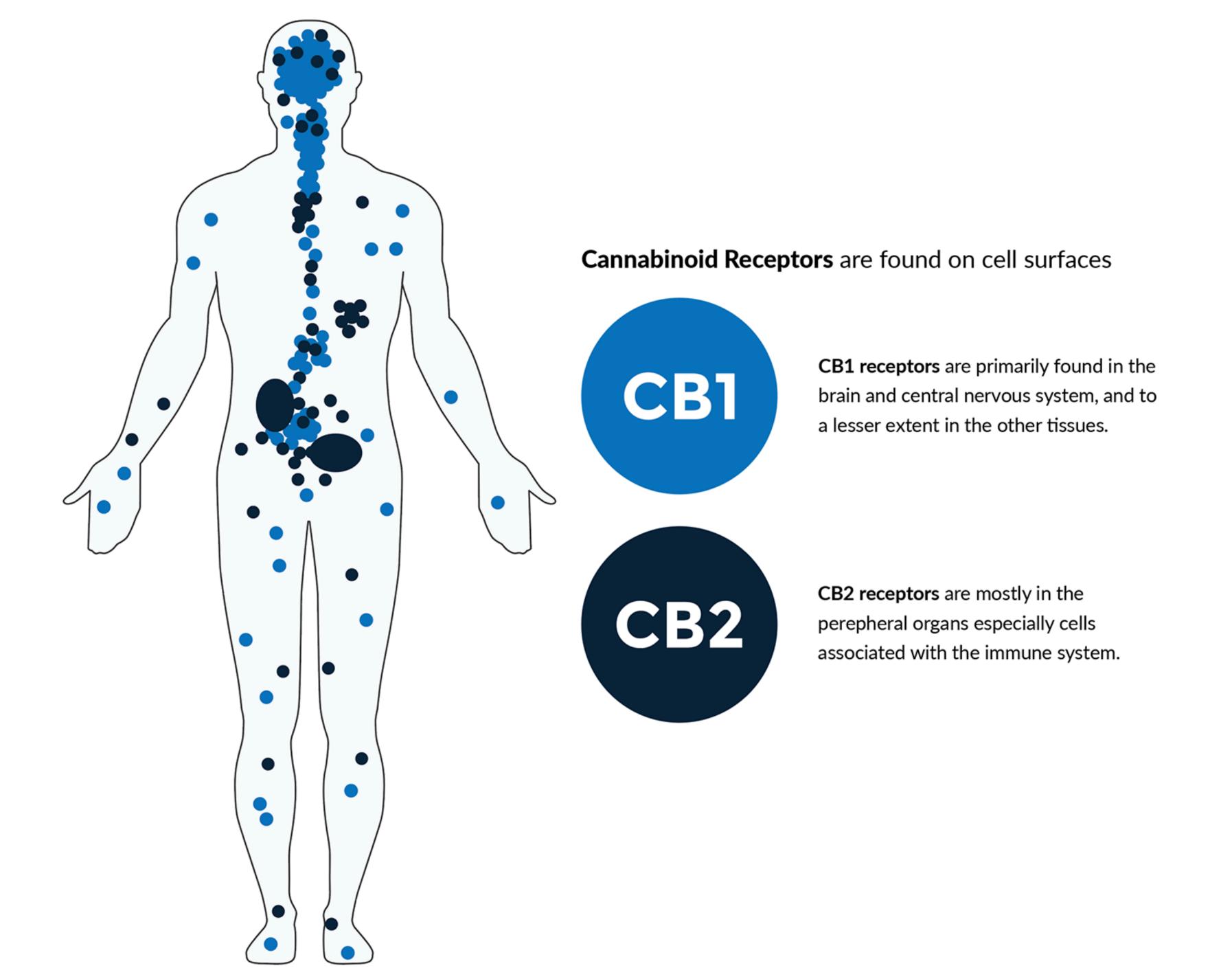


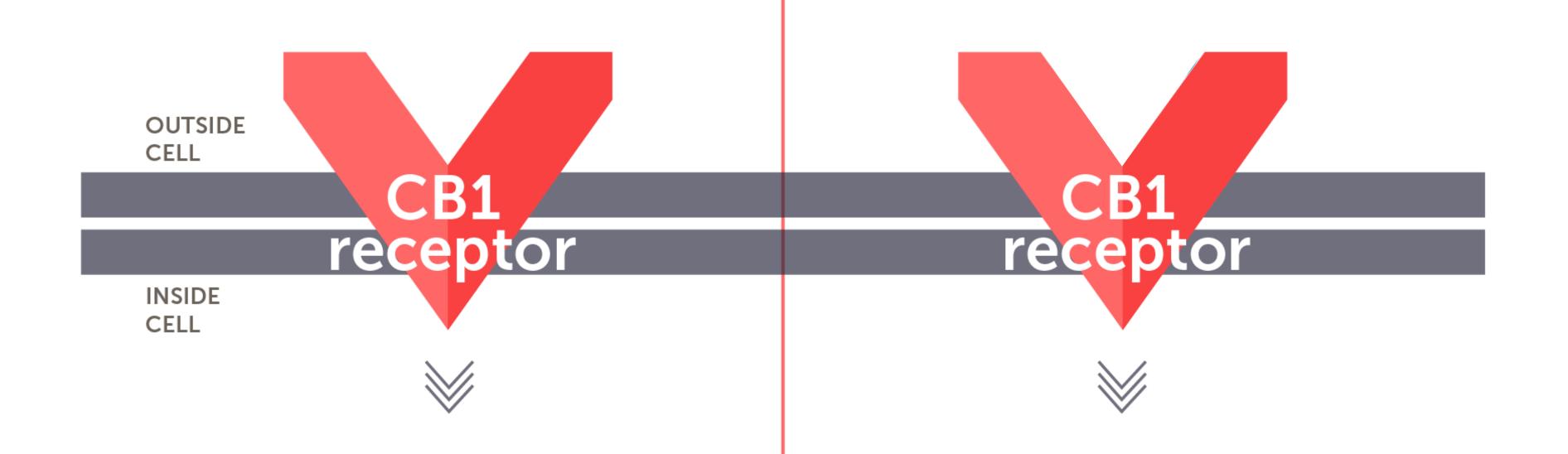


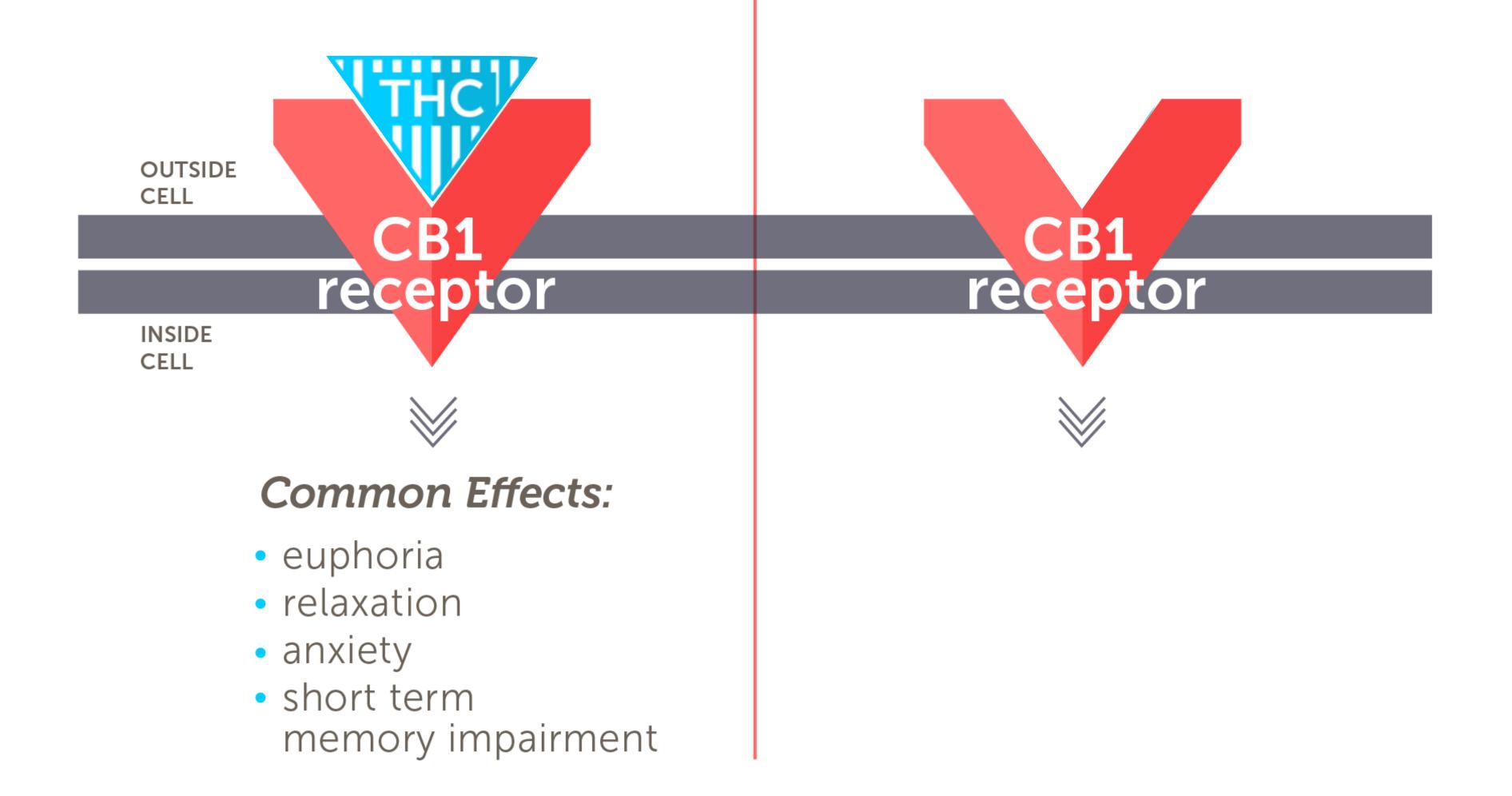


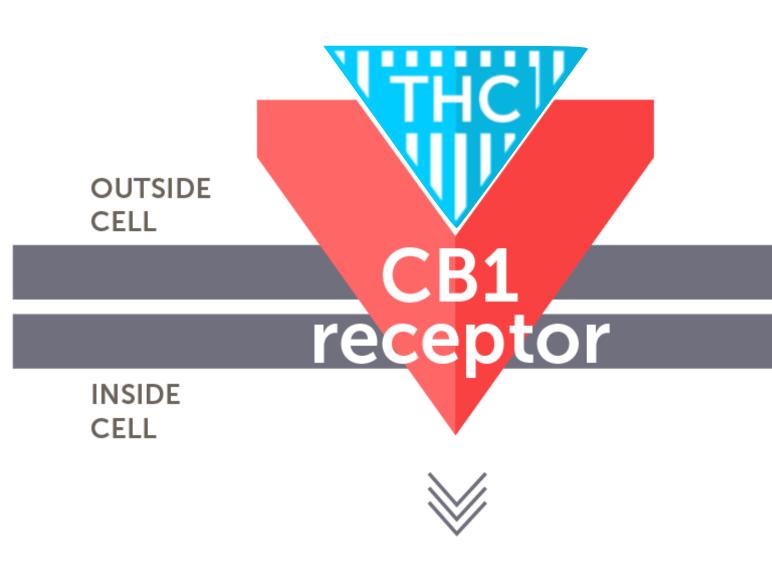














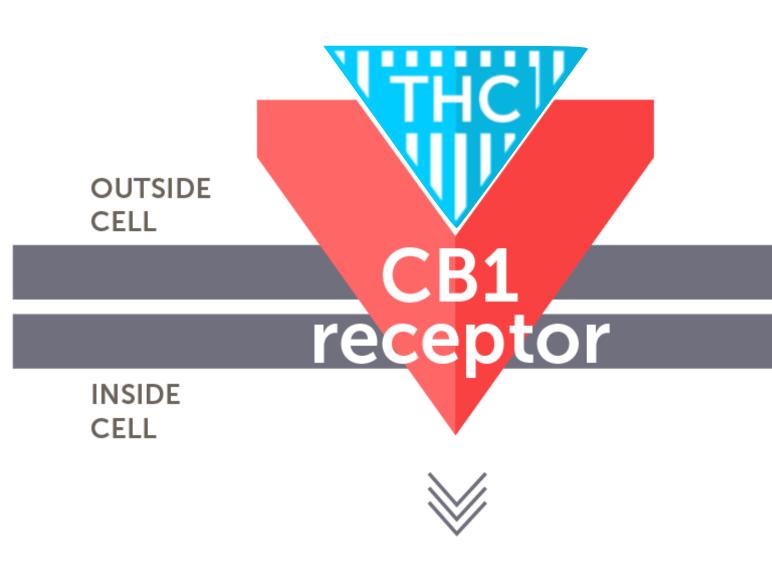


### **Common Effects:**

- euphoria
- relaxation
- anxiety
- short term memory impairment

#### Common Effects:

- decreases negative side effects of THC
  - decreased anxiety
  - decreased short term memory impairment





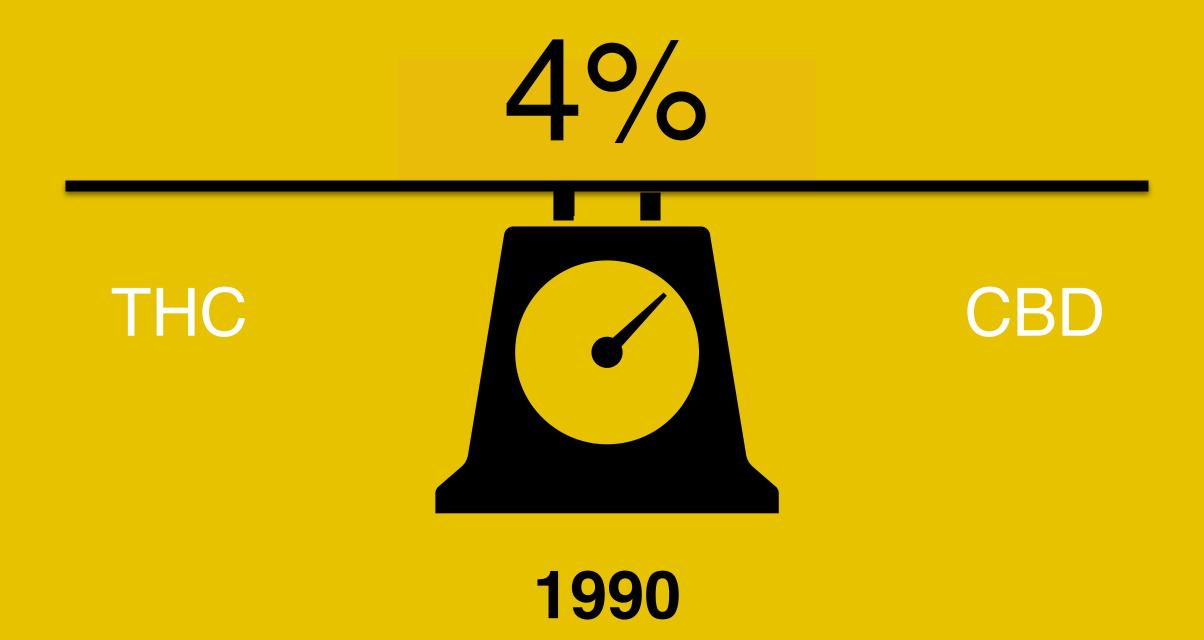


### **Common Effects:**

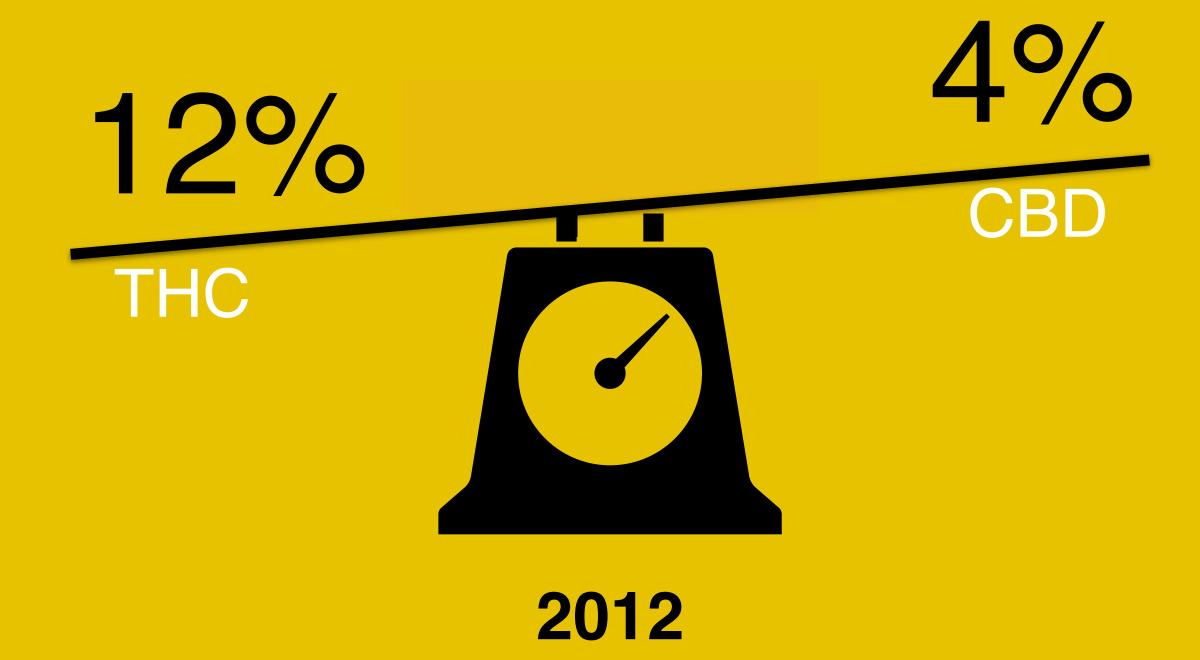
- euphoria
- relaxation
- anxiety
- short term memory impairment

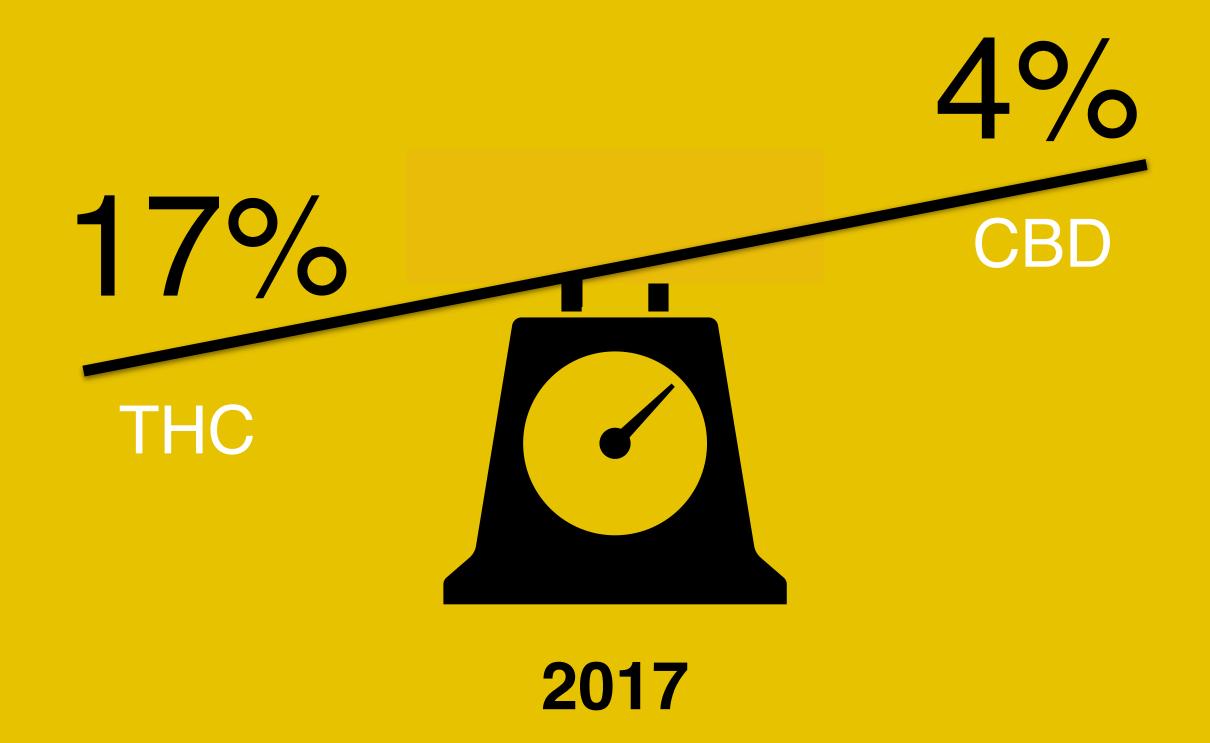
#### Common Effects:

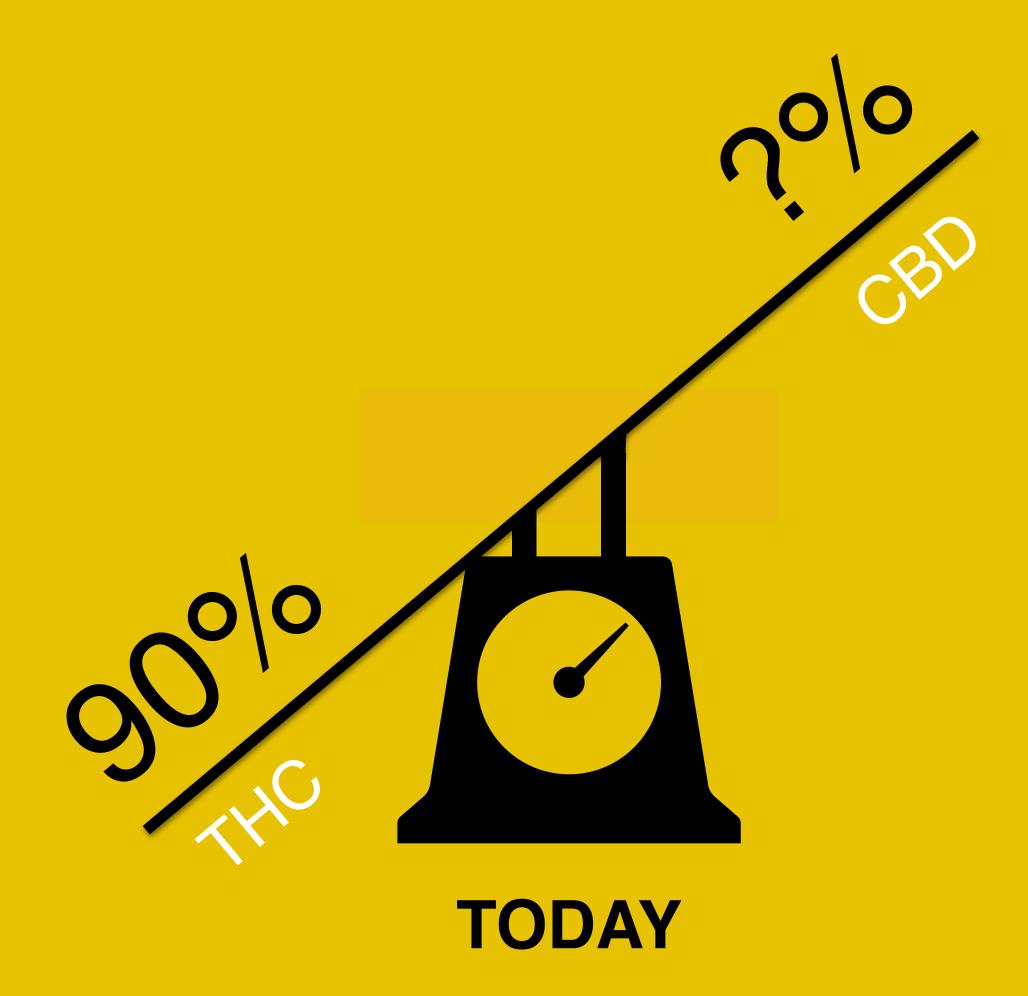
- decreases negative side effects of THC
  - decreased anxiety
  - decreased short term memory impairment













UP TO 90% THC IN VAPE JUICE, WITH NO STATE-MANDATED THC CAP!









# Communicate Your Disapproval

# Communicate Your Disapproval

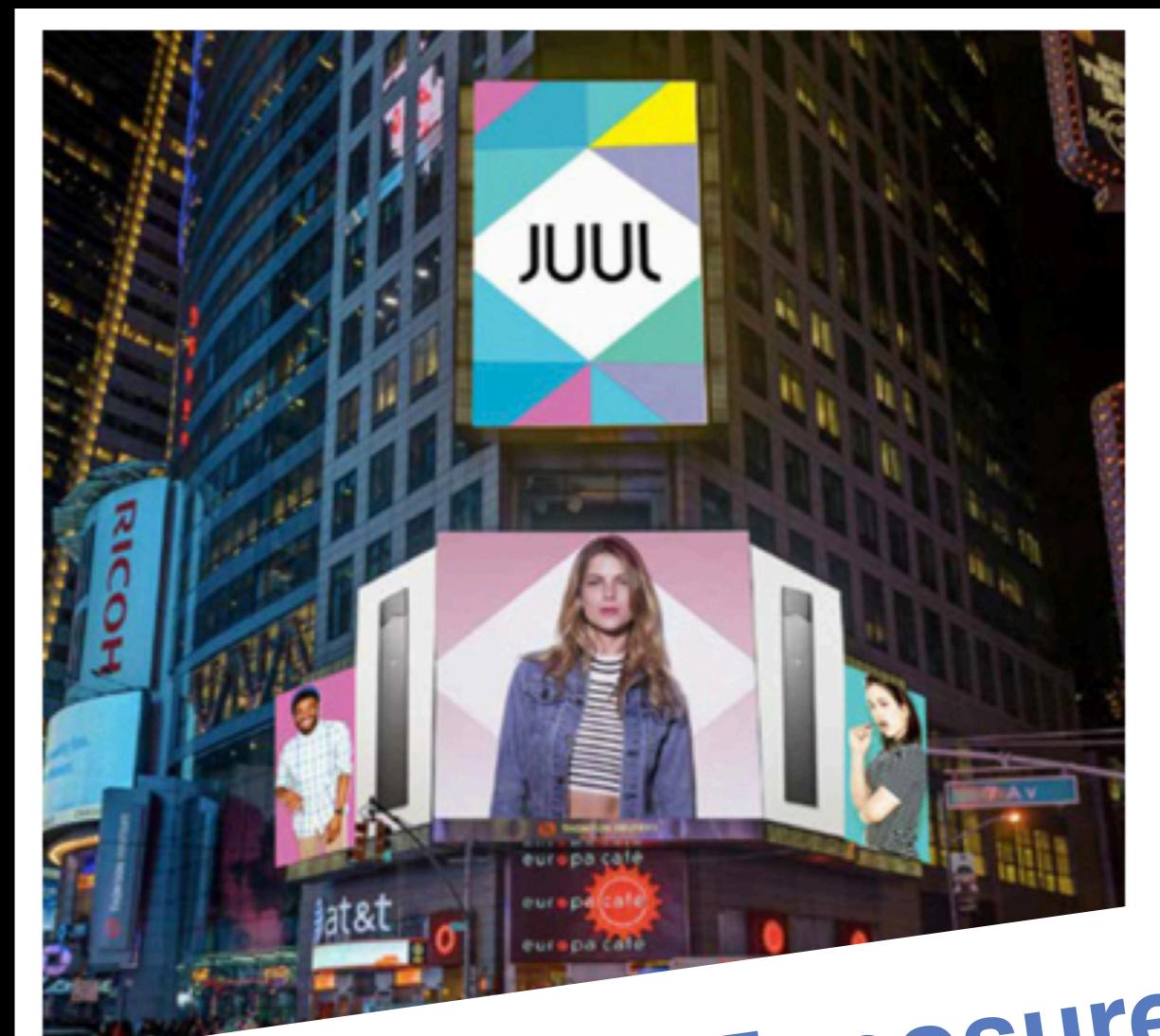
make sure your attitudes are known

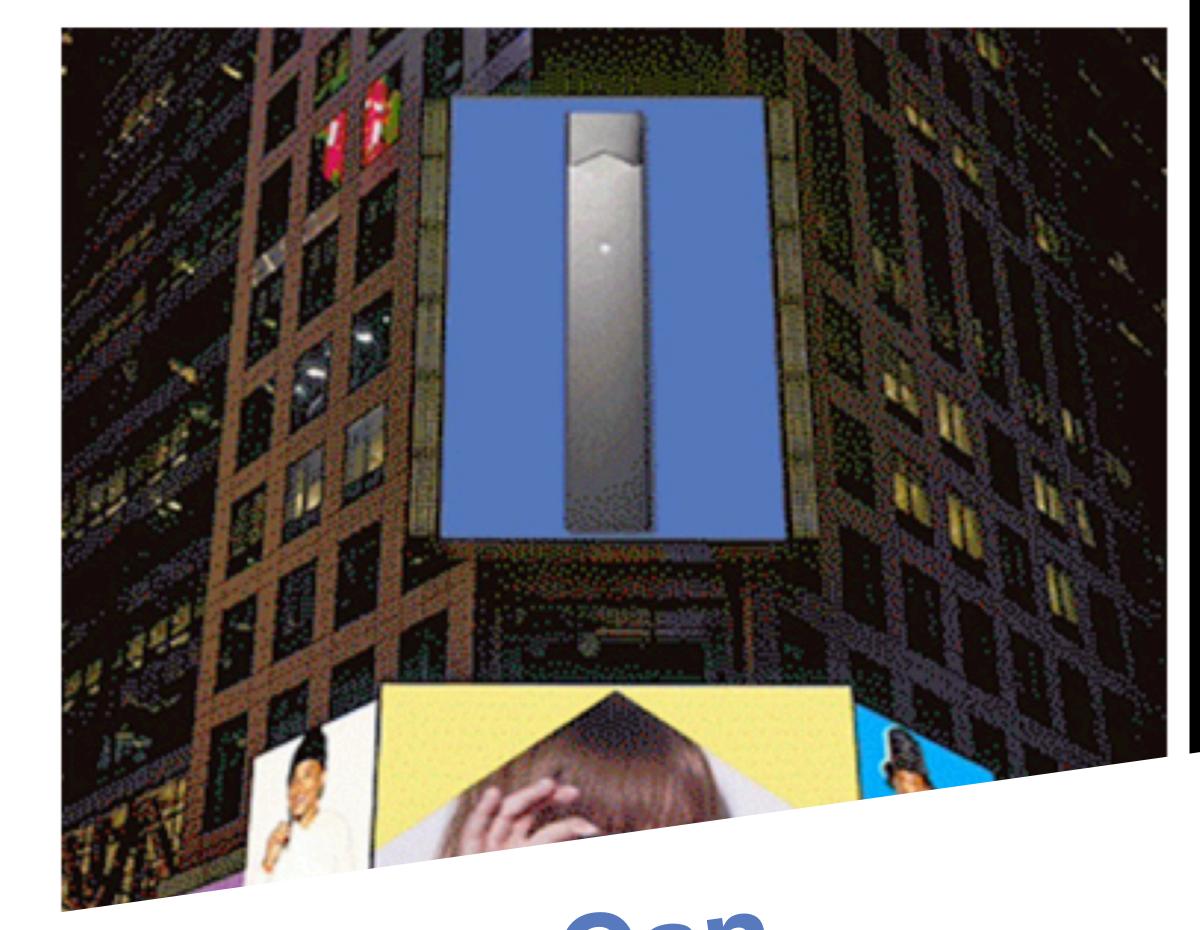


# ENCOURAGE CRITICAL THINKING







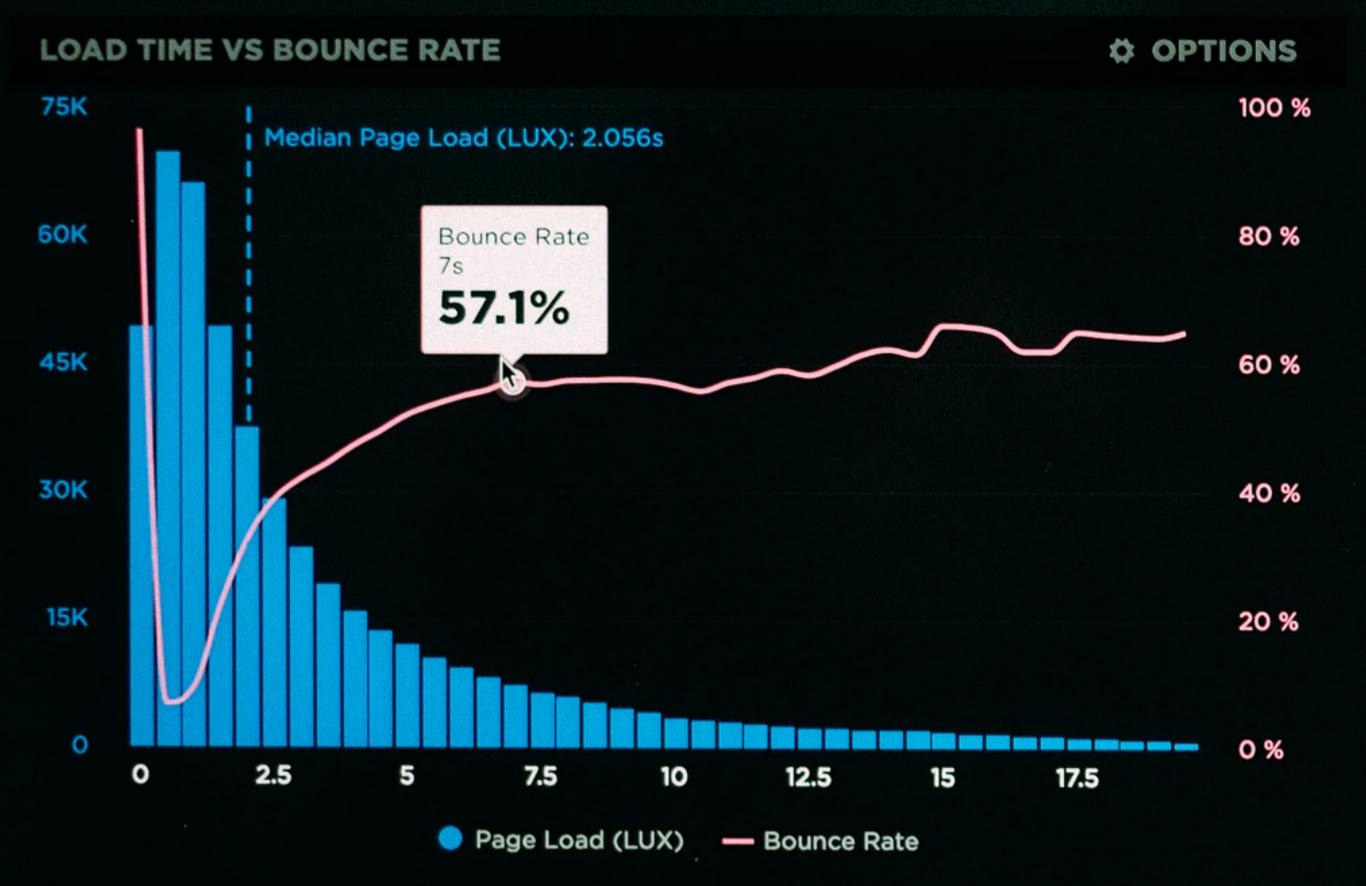


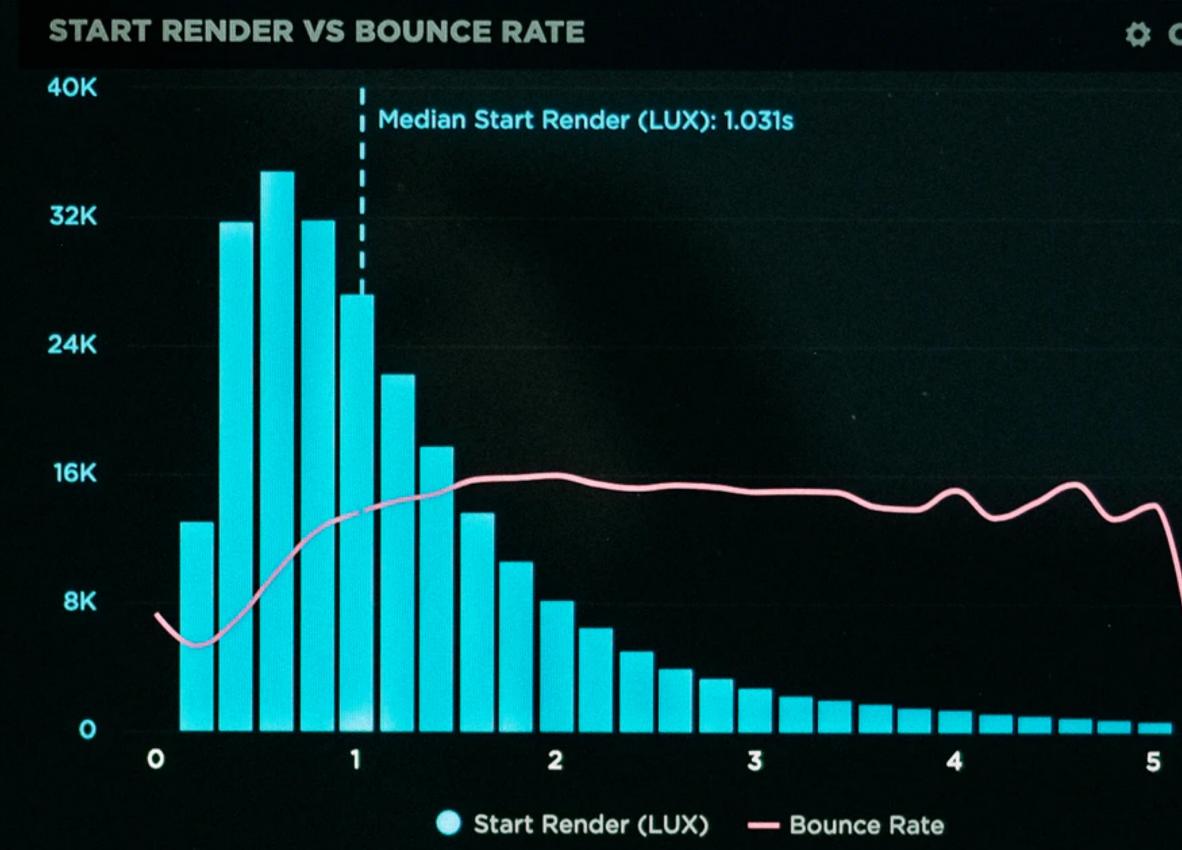
Limit Exposure When You Can





### USERS: LAST 7 DAYS USING MEDIAN V



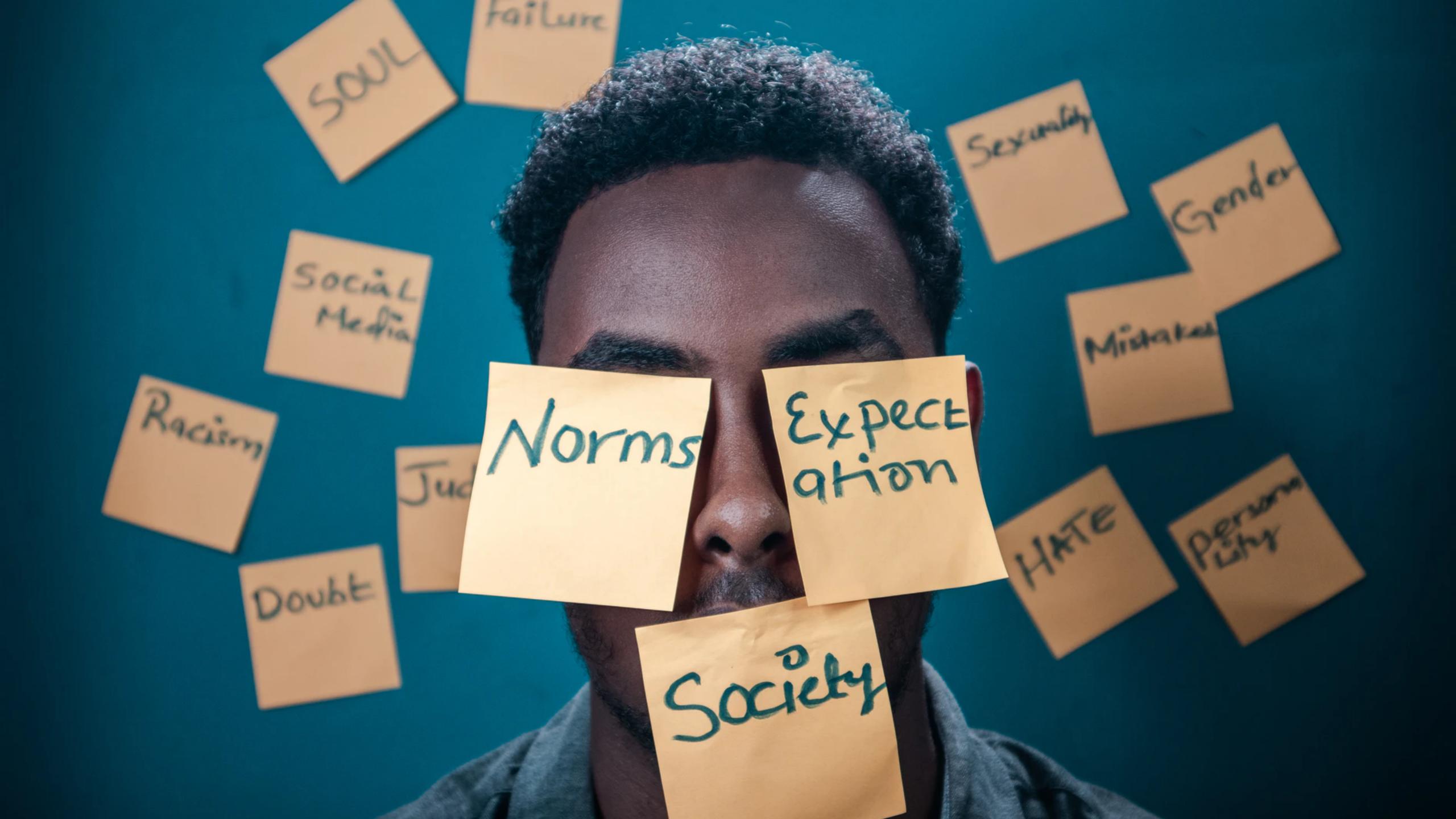


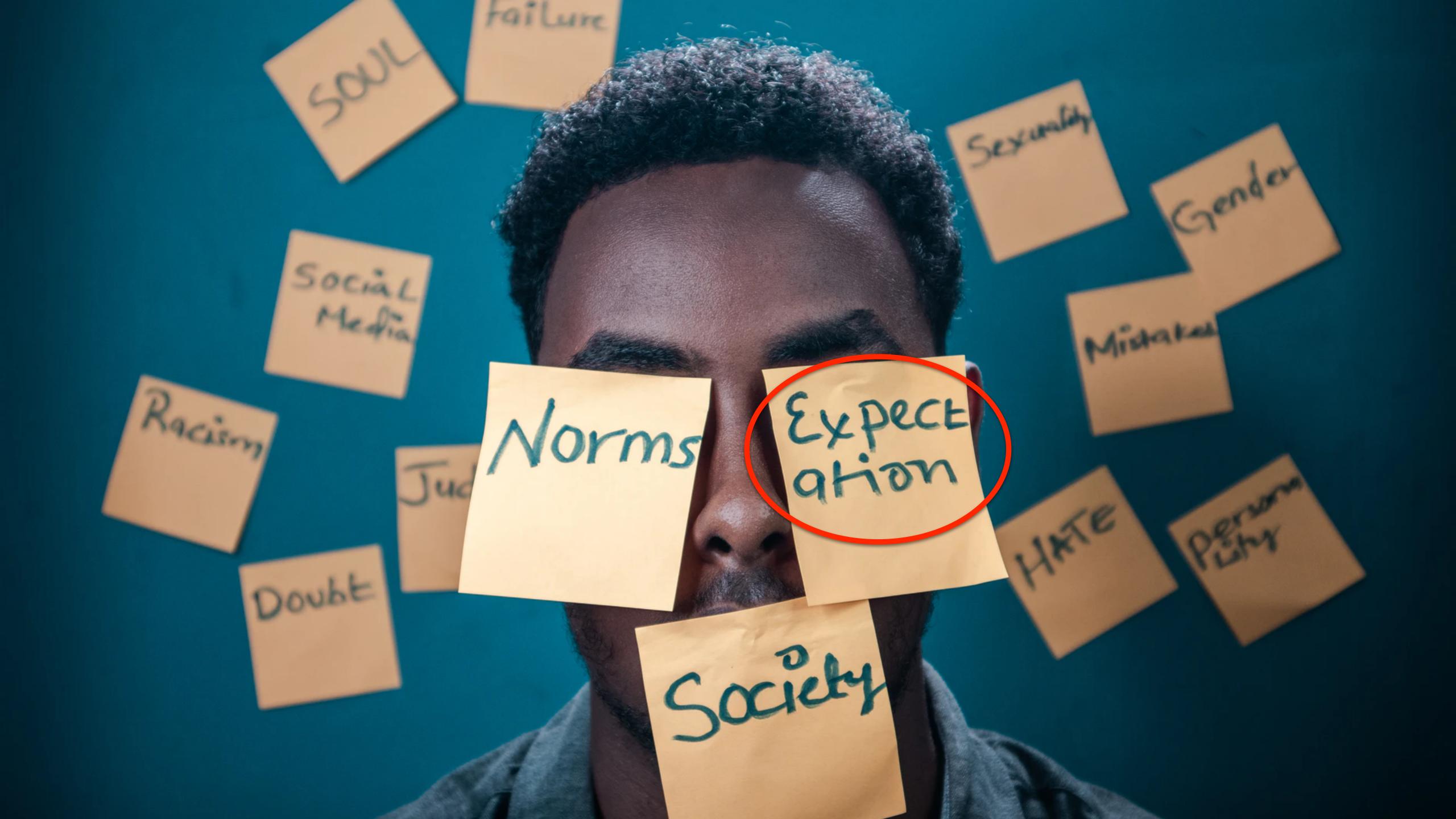
# Understand that the recent data trends (decline) will shift!

















# PAY ATTENTION

## Communicate with:

## Communicate with:

# Listening offering Validating Empathizing

## Communicate with:

# stening open-ended questions, reflections feedback sandwich: ask permission, provide information, ask for reactions. Val Cating reinforces self-efficacy, self-trust Empathizing be in the hole with them





## **HOW TO CONTACT US**

We're all over the country, but we're also very accessible.

## Andy Duran, CEO





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