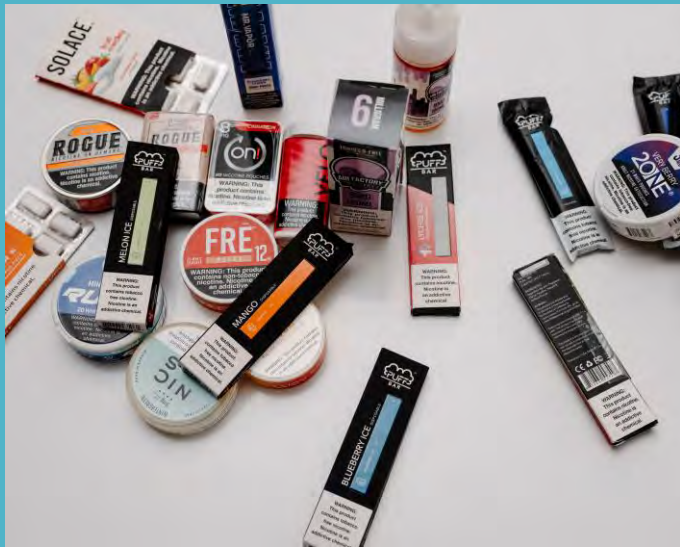


Poisoning of America: Vapes, Fentanyl and BHO, etc.



Stephanie Siete - Public Information Officer, Community Bridges, Inc.

Evolution of Drugs...

- Meth has a new recipe that will cause you to decay, not die
- Most heroin is cut with fentanyl
- Vaping is destroying the lungs of many young people
- Marijuana can look like meth
- Most drug overdose deaths in the US are from fentanyl
- Drug industries continue to manipulate and lie to their consumers
 - Tobacco lures youth w marketing and flavored products
 - Purdue Pharma lied about addictive qualities of OxyContin
 - Marijuana edibles are attractive to a youthful culture and serving sizes are misleading
- Everything is synthetic (man made chemically altered)
- Social media is the conduit for the dealer and buyer

What's happening in US with drug use?

- Drug deaths nationwide hit a new record in 2022
- **109,680 people died from an overdose** and the fentanyl crisis continued to deepen, according to preliminary [data released](#) by CDC
- Only 1 in 10 Americans experiencing addiction currently get medical treatment

When one pill kills

Eight parents mourn children
poisoned by deadly pills bought on
Snapchat.



Snapchat is relevant for teenagers

- Snapchat launched in 2011
- One of the most popular social messaging and photo sharing apps worldwide
- **Almost 530 million active users as of April 2021**
- According to U.S. teenagers in fall 2020, Snapchat is the most important social network of their generation
 - Ranks ahead of Twitter and Facebook but behind Pinterest and Instagram
- Overall, 48% of U.S. internet users aged 15 to 25 years were reportedly using Snapchat, the highest usage reach among any age group

Snapchat Demographics

- 51% of Snapchat users are female and 48.2% are male
- India has the most Snapchat users (144 million), **followed by the U.S (108 million)**
 - 92 million users use Snapchat daily in Europe
- **Snapchat reaches over 75% of the millennial and Gen Z population in the U.S**
- 75% of 13 - 34-year-olds in 20 countries use Snapchat
- **65% of U.S. internet users aged 15 to 29 use Snapchat**

One of the Most-Used Cameras in the World

Over

5 BILLION

Snaps created every day, on average.

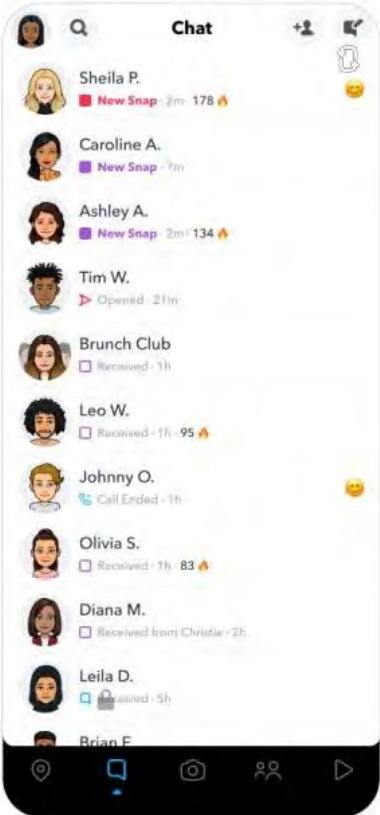
Action Bar

Our new Action Bar provides top-level navigation, so Snapchatters can get to all of their favorite things in one tap.

MAP



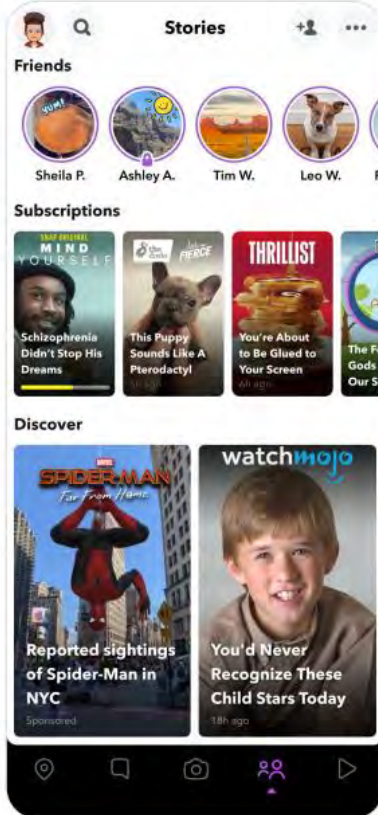
CHAT



CAMERA



STORIES



SPOTLIGHT



Most technology wasn't built with kids in mind. We're on a mission to change that.

We believe in media that inspires and entertains families of all kinds. In technology that protects privacy and supports communities. In learning tools that prepare students and teachers for success in a connected world. Discover how we're working to make the digital world better for kids and families.

- ☆ Discover our media ratings and reviews at [Common Sense Media](#)
- 📄 Find our curriculum and classroom resources at [Common Sense Education](#)
- 📊 See our most [recent research](#) on the impact of media on kids
- 📢 Explore our advocacy efforts around [digital equity](#) and [tech accountability](#)





Parents' Guide to Snapchat

By [Chris Morris](#), Common Sense Media Reviewer

age 16+

Send moments in photos, watch curated content; us

App | [iPhone](#), [iPod Touch](#), [iPad](#), [Android](#) | Free | [Photo & Video](#)

Set content limits for your kid

If a media pick exceeds the content limits you've set for your kid, you'll see this flag. [Learn more](#)

Violence & Scariness any amount

Language any amount

Sex, Romance & Nudity any amount

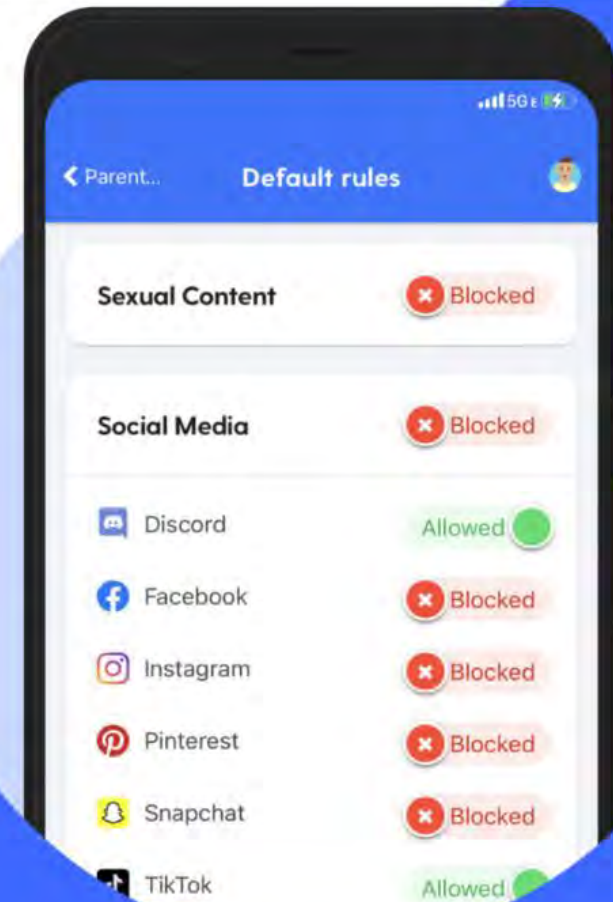
Drinking, Drugs & Smoking any amount

[Next, who is this for?](#)

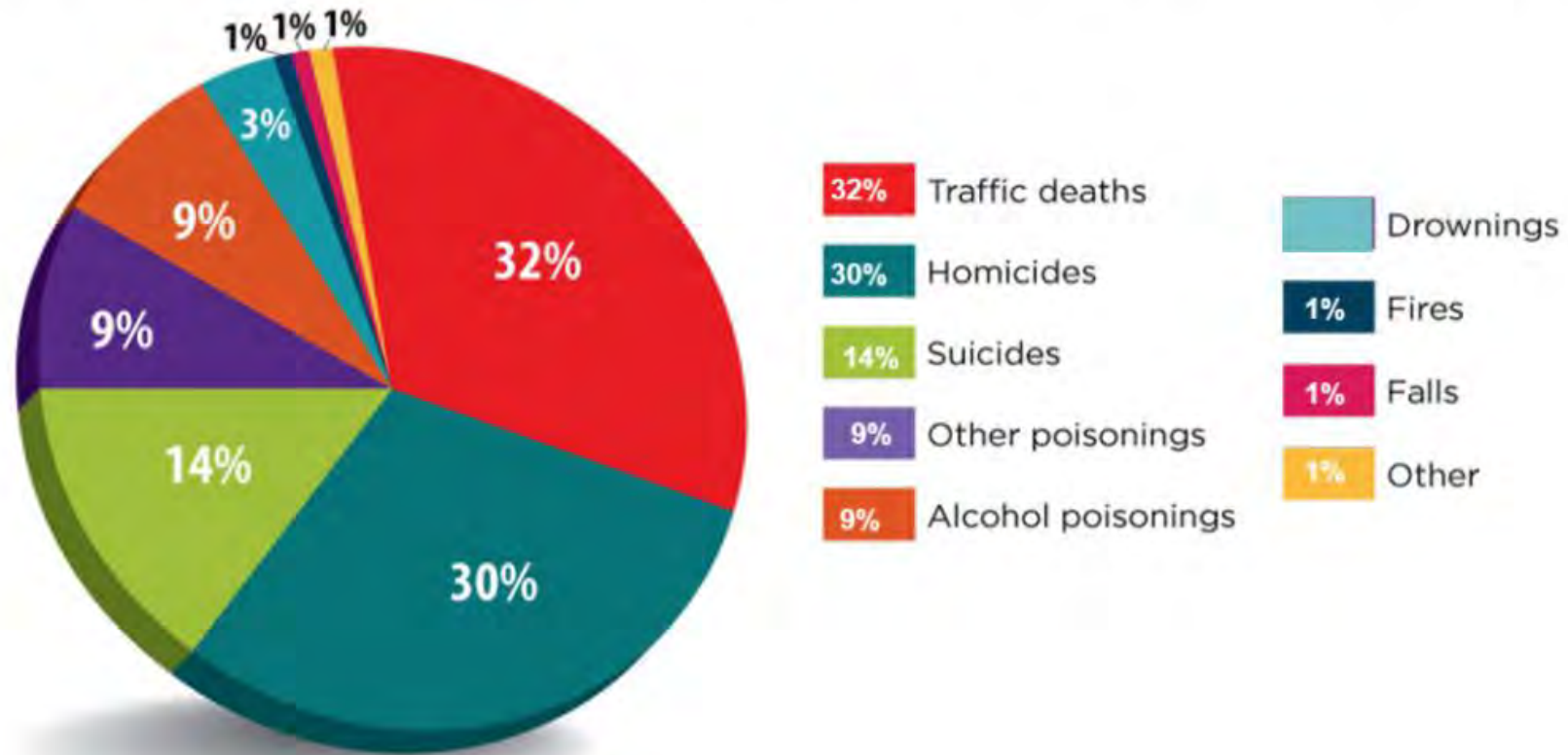
Set Parental Controls & Monitor Snapchat

Bark gives you more control over your child's social media apps. You can block specific apps, like Snapchat, or set screen time limits. Bark also monitors your child's texts, social media, & other internet activity for signs of cyberbullying, inappropriate content, and more. On Snapchat, Bark monitors text messages, including the new Snapchat AI chatbot.

Start your free trial

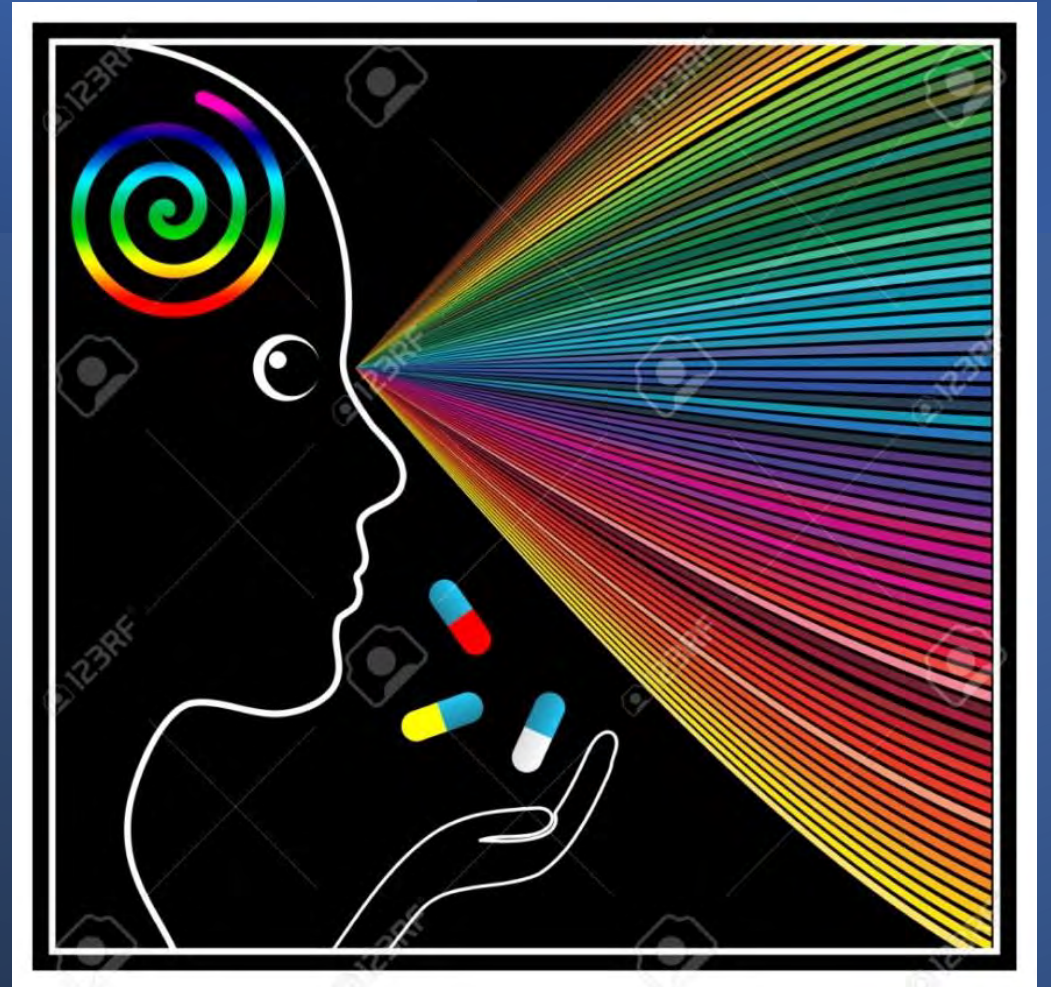


Underage Drinking Related Deaths



Estimates come from FBI, CDC and NHTSA data. Data is for deaths involving 15 to 20 year-old underage drinkers. Details at madd.org.

**Drugs are
mind altering
substances**



Stranger Danger

Old School:

- Don't talk to strangers and don't take candy from strangers

Today:

- Don't take anything from anyone, including friends
- One USE can kill
- You only have one life



Roles models help define Norms

Where the norms come from are **IMPORTANT**

- Parents
- Teachers
- Grandparents
- Music instructor
- Counselors
- Sports coaches
- Positive Peer – after school program
- Neighbors
- Aunts/Uncles
- Pastors
- SROs
- Youth group leaders
- Bosses
- Important adults



Right Decision
Wrong Decision

DRUG-RELATED EMOJIS YOU SHOULD KNOW



- COCAINE



- VAPE OR
SMOKE



- ECSTASY
AKA MOLLY



- HEROIN



- MARIJUANA



- DEALER



DRUG-RELATED EMOJIS YOU SHOULD KNOW



- COUGH
SYRUP



- DRUG
POTENCY

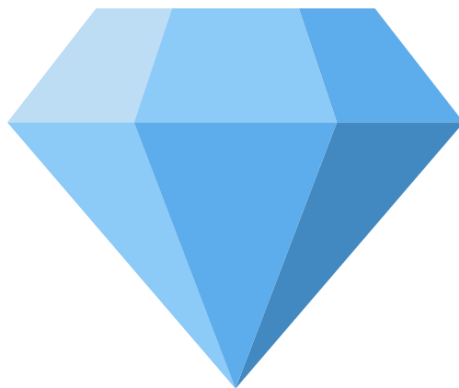


- MUSHROOMS



- METHAMPHETAMINE





Shopping? M30s, meth and wax = text me

Smartsocial.com/teen-slang-emojis-hashtags-list

Teen Slang, Emojis, & Hashtags Parents Need to Know (The Ultimate List)



With students having constant access to social media, texting, and the internet, they've managed to create a secret code language that hides their behavior from parents and teachers. Some students who use code words and secret hashtags feel like they can easily misbehave because their parents aren't even aware of what they are chatting about. It's important for parents and educators to stay informed on this ever-changing teen slang that is so prominent today on social media.

SmartSocial.com updates a comprehensive list of the teen slang, social media terms, popular acronyms, secret emoji meanings, and

What are we missing?

- How happy are we supposed to be?
 - Gotta save the 10s for big celebrations
- **Why can't we feel good without chemicals?**
- Are we teaching kids skills to thrive? Or are we the enablers and coddling them?
- **Who is intervening w kids during developmental years?**
 - Positive adult role models
- Why are Americans so needy?
 - Biggest consumers of drugs

Suicide in America

- *NEW YORK (February 10, 2023)* – The Centers for Disease Control and Prevention released [data on suicide deaths for the year 2021](#). According to the new data, **suicide deaths in the United States increased from 45,979 to 48,183 (4.79%) between the years 2020 and 2021**
- **Nearly 50,000 Americans died by suicide in 2022, the CDC reported Aug. 10, 2023**
- Are you in a crisis? Call or text [988](#) or text [TALK to 741741](#)

Suicide in America

Suicide is the 11th leading cause of death in the US

Every day, approximately 132 Americans die by suicide

There is one suicide death in the US every 10.9 minutes

Suicide is the 3rd leading cause of death for 15 - 24 year olds

One U.S. overdose death every 5 minutes

- More than 107,000 Americans died from drug overdoses in 2021, a new high for the US
 - Deaths up nearly 50% in 2 years
- More than **1 million Americans** have died from drug overdoses since 2001
- Deaths from opioids rose from 70,029 in 2020 to **80,816 in 2021**
 - **71,238 fentanyl deaths**

HEALTH CARE

U.S. drug overdose deaths surpass 107,000 last year, another record

More than 1 million Americans have died from drug overdoses since 2001.



Why we all should care...

Drugs don't discriminate

It's a **community** concern

Most drug deaths are from the legal ones

Face of addiction has changed

Let's prevent pain

Lives matter... all of them

Let's be in the know...

Vaping Risks

- Burn lining of lungs
- Impair breathing
- Lose teeth, vision, burn skin, etc.
- Toxic chemicals can get in wrong hands
 - Pets and toddlers
- Nicotine addiction
 - Potent liquids used more frequently

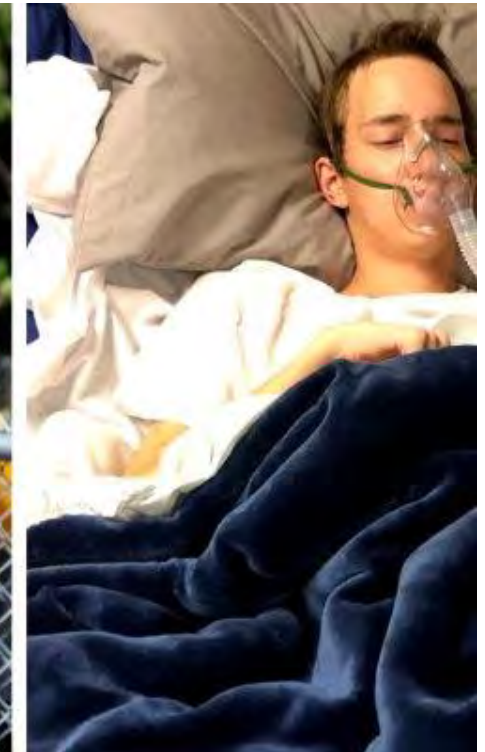


Doctors are seeing otherwise healthy young people complain of coughing and shortness of breath, with signs of inflammation in both lungs.



Justin Wilson, 25, vaped for about a year and then suddenly collapsed, unable to breathe, on Sept. 1. He had to spend a week in a hospital in Medford, Oregon. Courtesy Jake Wilson

Oct. 10, 2019, 7:40 AM PST / Source: TODAY



Vaping 101

- Hit
- Rip
- Juul
- Puff Bar
- Elf Bar
- Cloud
- Carts
- Pens
- ENDS
- Dripping
- Suorin
- Pods
- Wax
- Dabs
- Goo
- #710
- Budder
- Concentrates
- Oil
- Shatter
- Juice
- Honey
- BHO
- Diamonds

Doctors are seeing otherwise healthy young people complain of coughing and shortness of breath, with signs of inflammation in both lungs.



— Justin Wilson, 25, vaped for about a year and then suddenly collapsed, unable to breathe, on Sept. 1. He had to spend a week in a hospital in Portland, Oregon. Courtesy Jake Wilson

Vaping caused North Texas teen's lungs to fail, doctors say

Tryston Zohfeld is 17 years old and told WFAA that he's been vaping since the 8th grade, sometimes going through two to three vaping pods a week.

FORT WORTH, Texas — A 17-year-old Weatherford High School graduate is recovering after doctors in Fort Worth determined excessive vaping caused the teen's lungs to fail, sparking an 18-day stay in the hospital.

The teen told WFAA that **he had chills, an elevated heart rate, was tired, and that he had been vomiting.**

"I woke up just throwing up everywhere, and my heart was beating out of my chest going 100 miles an hour," Zohfeld said.



Credit: ZOHFELD FAMILY

Tryston Zohfeld is intubated after arriving at Cook Children's.



Electronic Nicotine Delivery Systems (ENDS)

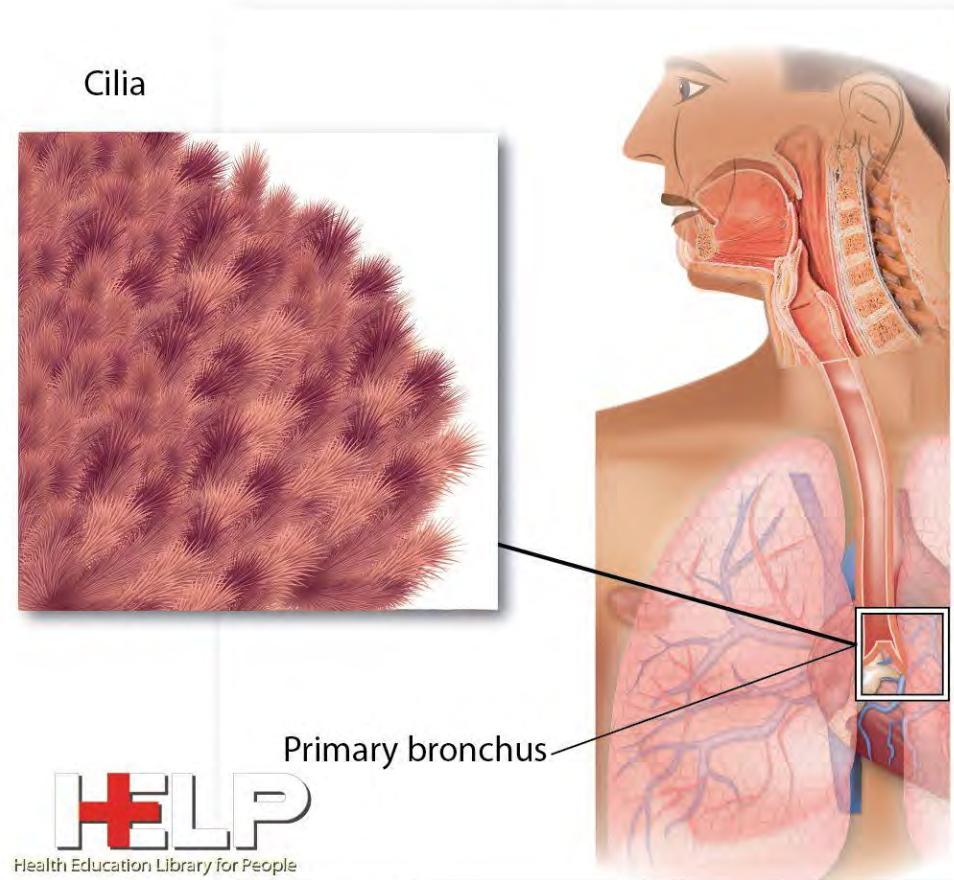
- Vaporizers, vape pens, hookah pens, electronic cigarettes, e-pipes, mods, juuls, etc.



Cilia line and protect the lungs, blocking debris

Burning the cilia or damaging
them increases likelihood of
getting sick

Cilia line the respiratory tract



HELP

Health Education Library for People

©2013 www.healthlibrary.com

Oils and Damage...

- Nicotine or THC, the high-inducing chemical in marijuana, is mixed with solvents that dissolve and deliver the drugs
- **The solvents, or oils, heat up during aerosolization to become vapor**
- Oil droplets may be left over as the liquid cools back down
 - **inhaling those drops may cause breathing problems and lung inflammation**

Teenage athlete facing 'certain death' from vaping-related injury gets double lung transplant

'What I saw in his lungs is like nothing I've seen before,' says transplant doctor of 20 years

Derek Hawkins | 8 hours ago |



Daniel Ament – Double Lung Transplant Teen



- He went from an athletic, fun-loving happy teen to suddenly having to fight for his life
- **Started vaping winter of 2018, surgery Oct of 2019**
- "I spent 29 days on life support as a 16-year-old and I only had a 10 percent chance of survival," he said.
- Takes 20 pills a day in recovery

<https://time.com/5771181/double-lung-transplant-vaping/>

ished 1.mov





simahherman About 2 years ago i started having terrible nausea issues. that turned into being unable to eat, sleep and just live normally. 2 weeks ago i started having trouble breathing. it took 48 hours for my lungs to fail which led to me being put on a ventilator. This is all because of vaping. Vaping is advertised as "a healthier alternative to smoking" which is false. whether it's nicotine or weed vaping can be fatal. I was lucky. the doctors didn't think i was going to make it but with prayers from family and friends i pulled through after almost a week on a ventilator. No one thinks this will happen to them and neither did i which is why i kept vaping. It took less than 48 hours for me to be put in a drug induced coma and a tube put down my throat.



960,798 likes

AUGUST 30



Source: Instagram



MORE THAN 2.5 MILLION U.S. KIDS USE E-CIGARETTES

85% OF THEM USE FLAVORED PRODUCTS.

**SOURCE: 2022 NATIONAL
YOUTH TOBACCO SURVEY**

THIS IS NOT A SNACK



it's flavored tobacco.



THIS IS NOT HOT SAUCE.

it's flavored tobacco.

FlavorsHookKids.org



THIS IS NOT ICE CREAM.

it's flavored tobacco.

FlavorsHookKids.org



**Who else gets poisoned
by nicotine?**

E-liquids that contain nicotine **may be toxic** if swallowed or absorbed through the skin. Protect children and pets by **keeping e-liquids out of reach.**



Nicotine Poisoning and Kids

Nicotine poisoning can be fatal

E-liquids, containing even small amounts of [nicotine](#), can be dangerous to children if they touch or drink it

From April 2022 to March 2023, there were **7,043 e-cigarette or e-liquid exposure cases** [reported](#), with approximately **88% of exposures occurring among children under 5 years old**

Nicotine Poisoning and Pets

- Nicotine poisoning is a serious concern for pets
 - Inhaled or ingested
- How could your pet ingest nicotine?
 - Eating cigarette or cigar butts, drinking nicotine refill liquid, chewing on nicotine refill canisters for ENDS, or chewing on the devices themselves
- Nicotine can be toxic even in small doses - **Fatal doses in dogs and cats have been reported at 20 to 100 milligrams**
- How much of a tobacco product would a dog or cat have to eat to reach a dose of 20 to 100 mg?
 - One regular cigarette can contain 9 to 30 mg
 - One cigar can contain 15 to 40 mg

Shameless plug for Brix and Ivy



No Flavored Cigarettes

- In 2009, the FDA passed the Family Smoking Prevention and Tobacco Control Act, banning all flavored cigarettes with the exception of menthol
- **This was done to address the youth-targeted appeal of tobacco**
- The ban was an important first step for responsible tobacco regulation to protect the American public, particularly children, from the dangers of cigarettes
- However, other tobacco products such as cigars, chewing tobacco, blunt wraps and shisha are still sold in candy flavors such as bubble gum, strawberry, grape and mango

JUUL vaping devices splashed
onto the market in 2015 with the
stated mission of “improving the
lives of the one billion adult
smokers” on the planet

Juul – The iPhone of e-cigs





JUUL



myBlu



Phix



MarkTen
Elite



Myle



Baton



Fuchai



Bo



Byrd



Airbender



Kilo 1K



EonSmoke



Ovns
Saber



Jili Pen



Vladdin



Suorin
iShare



SOL



MyJet



Pin One



Vapecchino
Mate 1



Ply Rock
Limitless Pulse



IQ Level



Ghost

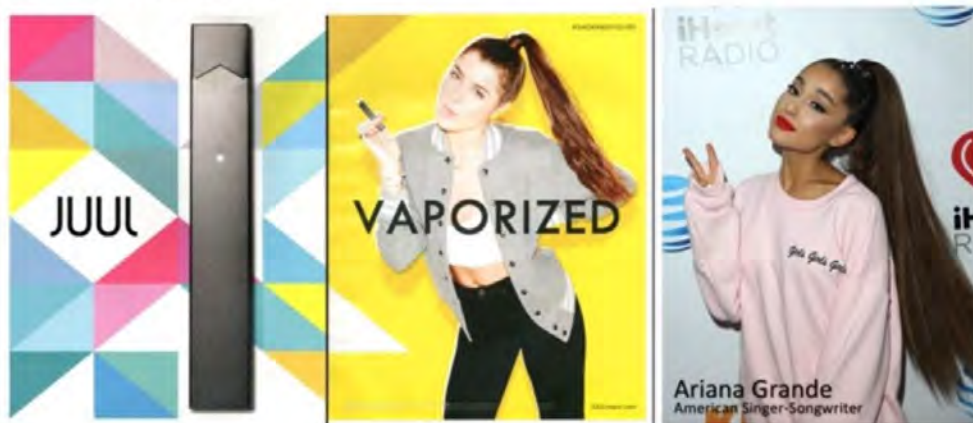


INFINIX



Boulder
Rock

Vaporized ads exploited youth culture by using visual images, for example, resembling popular singer Ariana Grande.



Vaporized, as in all of JUUL's campaigns, closely emulated traditional cigarette advertising.



Marketing our Youth



YouTube Search Terms **# of Videos**

"JUUL at School"	15500
"JUUL in school bathroom"	1040
"JUUL in class"	6840
"JUUL at camp"	2480
"Hiding JUUL in school"	2030
"Hiding JUUL at home"	1230
"Hiding JUUL from teacher"	531
"Hiding JUUL from parents"	1990
"JUUL school suspension"	758
"JUUL in a Sharpie"	451
"JUUL flavors"	6510
"JUUL"	148000*

Data Mid-2018

*57 videos have >100,000 views





Frequency – used in schools and in front of adults

Potency – liquid nicotine is stronger

Dosage – a pod is greater than a cigarette

TEEN FAVORITES: DISPOSABLES

- Stig, Puff, EonSmoke
- Dozens of flavors
- Small, easy to hide, multi-packs
- Very cheap, some as little as \$3 each





Graphic Photos...

Teens and Vape explosions



INC.
E



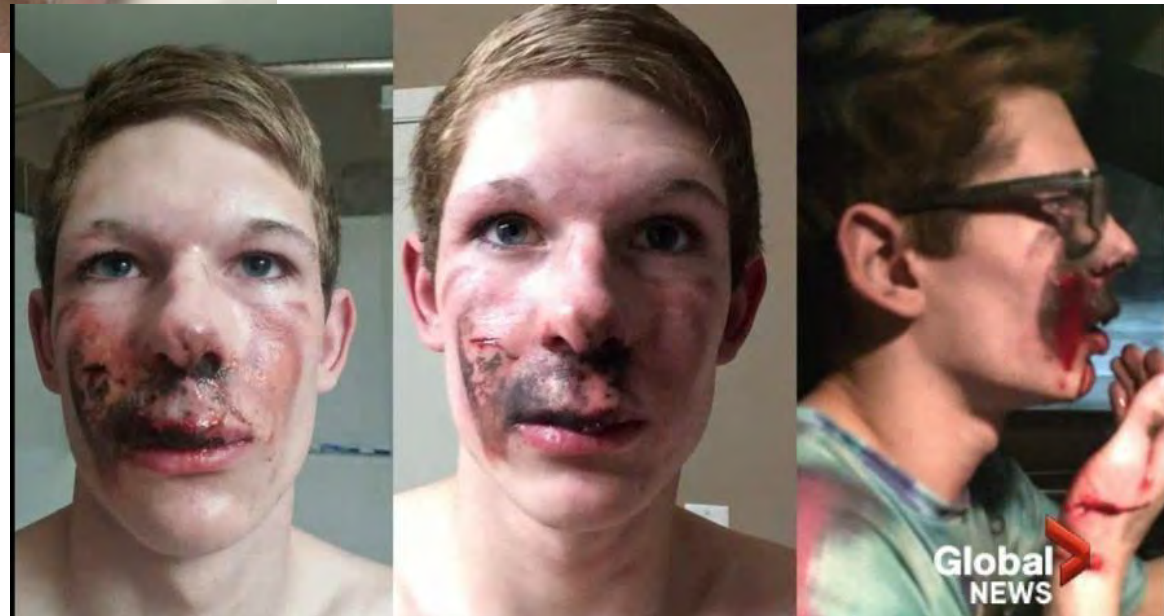
This is it I got stitches and wires on my bottom jaw



E-cig explosions

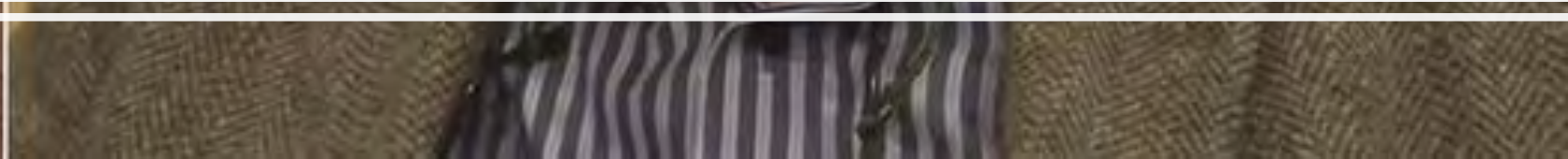


16 year old
teen suffers
2nd degree
burns to face





Orange County Man Loses Eye after E-Cig Explodes





Man loses 7 teeth
after vaping
explosion

Man loses part of
tongue after
vaping explosion



Big Vape Episode 2





- [S15 Episode 19 – Follow the JUUL money](#)
- [Follow the JUUL Money | American Greed - YouTube](#)



STATES & LOCALITIES THAT HAVE RESTRICTED THE SALE OF FLAVORED TOBACCO PRODUCTS

- Massachusetts (effective 11/27/19 for e-cigarettes; 6/1/20 for all other products)
- New Jersey (effective 4/20/20)
- New York (effective 5/18/20)
- Rhode Island (effective 3/26/20)
- California (effective 12/21/22)



DITCHVAPE to 88709

- Young people can receive immediate help by texting **DITCHVAPE** to **88709** to join “This is Quitting”
- Adults, including parents of young e-cigarette users, can also receive immediate support through [BecomeAnEX[®]](#), a digital quit-smoking program developed by Truth Initiative[®] in collaboration with Mayo Clinic



EX Community

En Español

Sign Up

Log In



Decide to Quit

Prepare to Quit

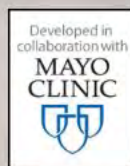
Recently Quit

Stay Quit

Make a Change with EX

Imagine your life without tobacco.
Looks great, right?

Sign Up



Join BecomeAnEX for Quick Access

SMOKING

VS

VAPING



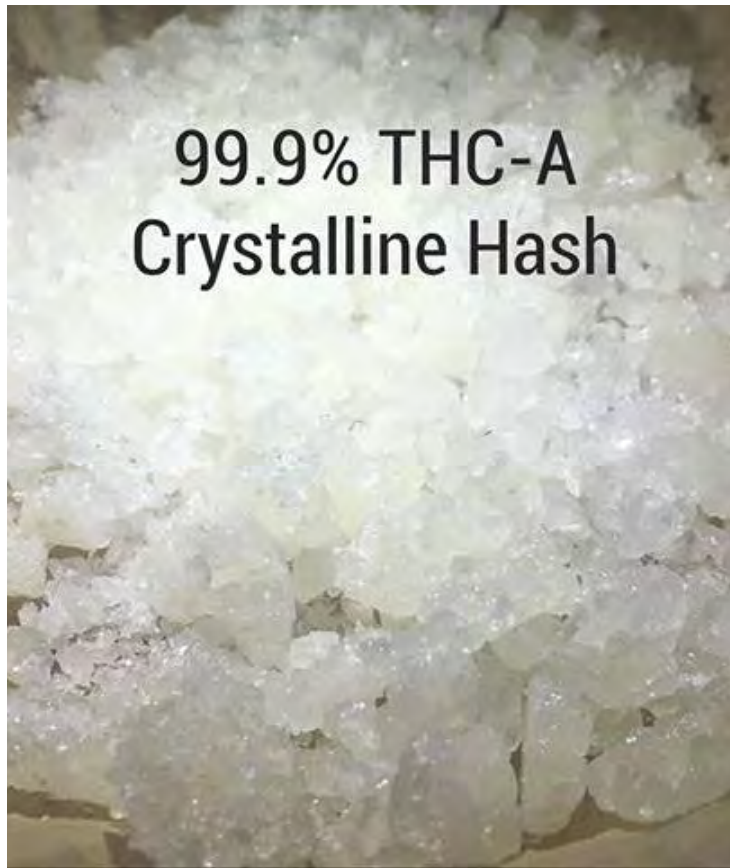
Vaping Marijuana



Vaping seems to be replacing smoking

High Potency Cannabis Impact on Teen Brain

- "The teen brain is actively developing and often will not be fully developed until the mid 20s," [the CDC stated](#)
- Use during that time **"can have permanent effects"**
 - Poor coordination
 - Damage to learning
 - Memory loss
 - Problem solving skills
 - Loss of focus or motivation



1 ounce of THC oil = 2,800 servings

1 ounce hash oil

1 serving THC-laced candy

State law permits Coloradans to possess 1 ounce of THC concentrate, also known as hash oil and wax. That amount yields 2,800 single servings as defined by the state. The potency of hash oil typically sold in Colorado ranges 85-90 percent THC. The potency of marijuana smoked in the 1960s and '70s ranged between 2-4 percent.

Many formats and chemicals in marijuana

THC

- Tetrahydrocannabinol
- *Psychoactive ingredient* in marijuana (**high**)
- Can cause paranoia or anxiety
- Mind altering
- Induce sleepiness



Back in the day...

- 1960-1990s – **2-3% THC (leafy green)**
- Today the oil or concentrate can be anywhere from **70-90% pure**
- Quicker high today



Butane Honey Oil (BHO)

Dabs, Wax, Budder, Shatter

- Similar to oils, but **more concentrated**; thus greater high
- Cooked like meth; acts like meth: **psychotic breaks**
- **Passing butane through a tube packed with marijuana**
- Leaves extracted resin behind as a sticky, thick oil-like substance
- **Up to 90% THC Potency**



More Potency = More Likelihood of Risk

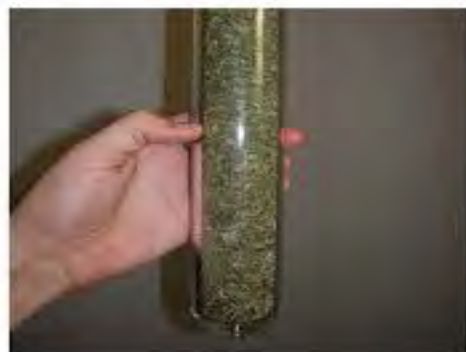


- Hurts teen brain development
- Can impair judgement
- Addiction
- Contributes to depression and anxiety
- Panic attacks, delusions and violent outbursts

INHALANTS

Butane

- ✓ It can cause severe psychotic episodes even among individuals with no previous psychiatric illness.
- ✓ It is more common among those that abuse butane, especially those that use it regularly over an extended time span.
- ✓ Butane-induced psychosis could produce symptoms such as: violence, persecutory delusions, and visual hallucinations



www.dailydabs420.com

Wax cooks = “Boom!”

- Wax is to marijuana as freebasing is to cocaine or heroin and what the shake-and-bake method is to meth
- Very, *very* dangerous
- When using butane to make wax, its vapors can fill a room and ignite with the smallest of sparks, just like gas
- <https://www.facebook.com/PlacerSheriff/videos/a-butane-honey-oil-bho-lab-explosion-destroyed-a-home-on-the-5100-block-of-finni/367226180759604/>

BHO Explosions



Extremely dangerous for you, loved ones,
neighbors, the community

CBD

- **Cannabidiol**
- AKA: Medical Marijuana
- Non-psychoactive (**no high** – does not act on same receptors as THC)
- May reduce anxiety
- May have antipsychotic properties - reducing the psychosis-like effects of THC
- Promote wakefulness

Average **THC** and **CBD** Levels in the US: 1960 - 2011

Mehmedic et al., Potency Trends of D-9 THC and Other Cannabinoids in Confiscated Cannabis Preparations from 1993 to 2008, J Forensic Sci, September 2010, Vol. 55, No. 5. See <http://home.olemiss.edu/~suman/potancy%20paper%202010.pdf>.

MARIJUANA POTENCY



MEDICATED NERDS ROPE – 400MG THC

- \$30.00
- A sweet medicated candy and gummy edible so tasty, words can't even describe. Made in a variety of flavors from Strawberry, Blueberry, Cherry, and Grape, Medicated Nerds Rope are infused with 400mg THC in each rope
- Buderflydelivery.com



Edibles Dosing Chart

Leafly.

THC per dose

1-2.5 mg

2.5-15 mg

15-30 mg

30-50 mg

50-100 mg

What to expect

Mild relief of pain, stress, anxiety, and other symptoms

Improved focus and creativity

Stronger symptom relief

Euphoria

May impair coordination and alter perception

Strong euphoria

Unaccustomed consumers may experience negative effects

May impair coordination and alter perception

Very strong euphoria in unaccustomed customers

Likely to impair coordination and alter perception

Highly likely to impair coordination and alter perception

Can cause negative side effects such as rapid heart rate, nausea, and pain

Who's it for?

—
First-time consumers
Microdosers

—
Patients with persistent problems

Restless sleepers

Social butterflies

—
Well-seasoned consumers

Medical patients with developed tolerances

Experienced consumers seeking to sustain sleep

—
Consumers who have poor GI absorption of cannabinoids

People with significant tolerance to THC

—
For experienced THC individuals only

Patients with cancer, inflammatory disorders, or conditions that necessitate high doses

Please note everybody processes cannabis differently and could have a different edibles experience. Always start low and slow and follow packaging guidance. Visit [Leafly.com](https://www.leafly.com) for more resources

PUBLIC HEALTH

3,000+ young children accidentally ate weed edibles in 2021, study finds

January 3, 2023 • 11:54 AM ET

By [Rhitu Chatterjee](#)



Man, high on pot candy, gets 30 years prison for killing wife

Bobbi Sheldon, Allison Sylte and Anastasiya Bolton KUSA-TV, Denver

Published 8:25 p.m. ET April 7, 2017 | Updated 10:30 p.m. ET April 7, 2017



-25%



Delta 8 THC Vape Cartridge

★★★★★ (101 customer reviews)

~~\$19.99~~ **\$14.99**

Our hemp-derived delta 8 THC vape cartridge is perfect for those looking for a milder, more upbeat and functional buzz than what's seen in high delta 9 THC extracts. This ceramic coil cartridge contains 95% highly pure Delta 8 THC oil and 5% terpenes. Absolutely no cutting agents! Selecting a strain from the dropdown will bring up Sativa/Hybrid/Indica and effects info. "CDT" = Cannabis Derived Terpenes.

Bigger Discussions about Chemicals in Marijuana Needed

- Potency
 - Varies in various forms
- Products
 - Edibles
 - Vapes
 - Leafy green
 - Crystal
- User
 - Youth
 - Adult
- Intentions
 - Medicinal
 - Recreational



Where Is Fentanyl Being Found In Vapes?

- Greatest concern among HS students, millions of whom report current e-cigarette use (according to the CDC)
- A school superintendent in Eldridge, Iowa confirmed confiscation of a vape with THC and fentanyl at a HS in the Quad Cities area in February
- In Pennsylvania, school administration reported confiscating 3 vape pens that tested positive for fentanyl or heroin
- In the aftermath of that confiscation, a school official told local news that fentanyl-related overdoses linked to laced vape liquid are rising throughout the country

Confiscated vape pens test positive for fentanyl, heroin in Mifflin County School District

Fentanyl-related overdoses due to laced vape liquid are rising throughout the country, especially among teens.



Vape cartridges sold at local school might have been tainted with fentanyl



Superintendent, health experts warn after Fentanyl and THC found in vaping device at North Scott High School

Teens are vaping fentanyl, poison control warns

by: [Ashley Michels](#)
Posted: Feb 9, 2022 / 10:18 PM MST
Updated: Feb 9, 2022 / 10:18 PM MST

SHARE    ...

DENVER (KDVR) — Rocky Mountain Poison Center is issuing a warning for

Fentanyl and Vaping?

NEWS

Man dies after vaping liquid fentanyl

By Joshua Rhett Miller

July 3, 2017 | 3:21pm | Updated



Shutterstock

MORE ON: **DRUG OVERDOSES**

Researchers: Fentanyl deaths up 122% in West Virginia

Herbal supplement linked to string of overdose deaths in US

Fentanyl is now a weapon of mass destruction: DHS

A man in Michigan died over the weekend after apparently using liquid fentanyl in a vaping device.

The victim, a 39-year-old Alpena man, could not be revived by medics who found him in a home in Maple Ridge Township on Saturday — when he and his wife manufactured the synthetic opioid into a vaping liquid after buying it online, [MLive.com reports](#).

The unidentified man passed out after taking a “number of hits” from the pipe and never regained

WHAT IS AN OPIOID?

HYDROCODONE
OXYCODONE
PERCOCET
VICODIN
OXYCONTIN
MORPHINE

TRAMADOL
DILAUDID
CODEINE
FENTANYL
HEROIN
METHADONE

YOUR CHOICES MATTER.



The United States has 5% of the world's population & consumes 80% of the global opioid supply

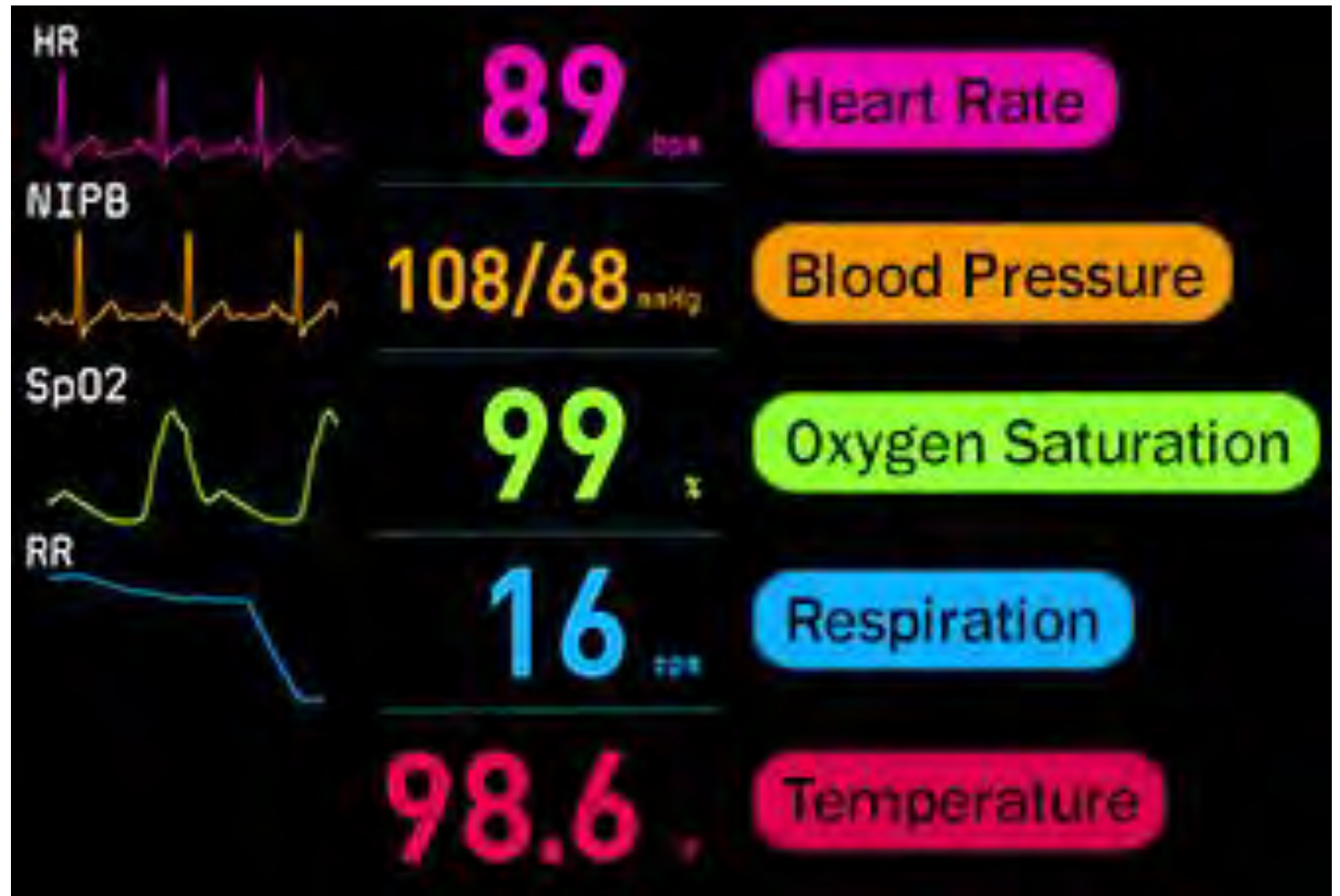
Arizona Department of Health Services, 2017

Doctors And Dentists Still Flooding U.S. With Opioid Prescriptions

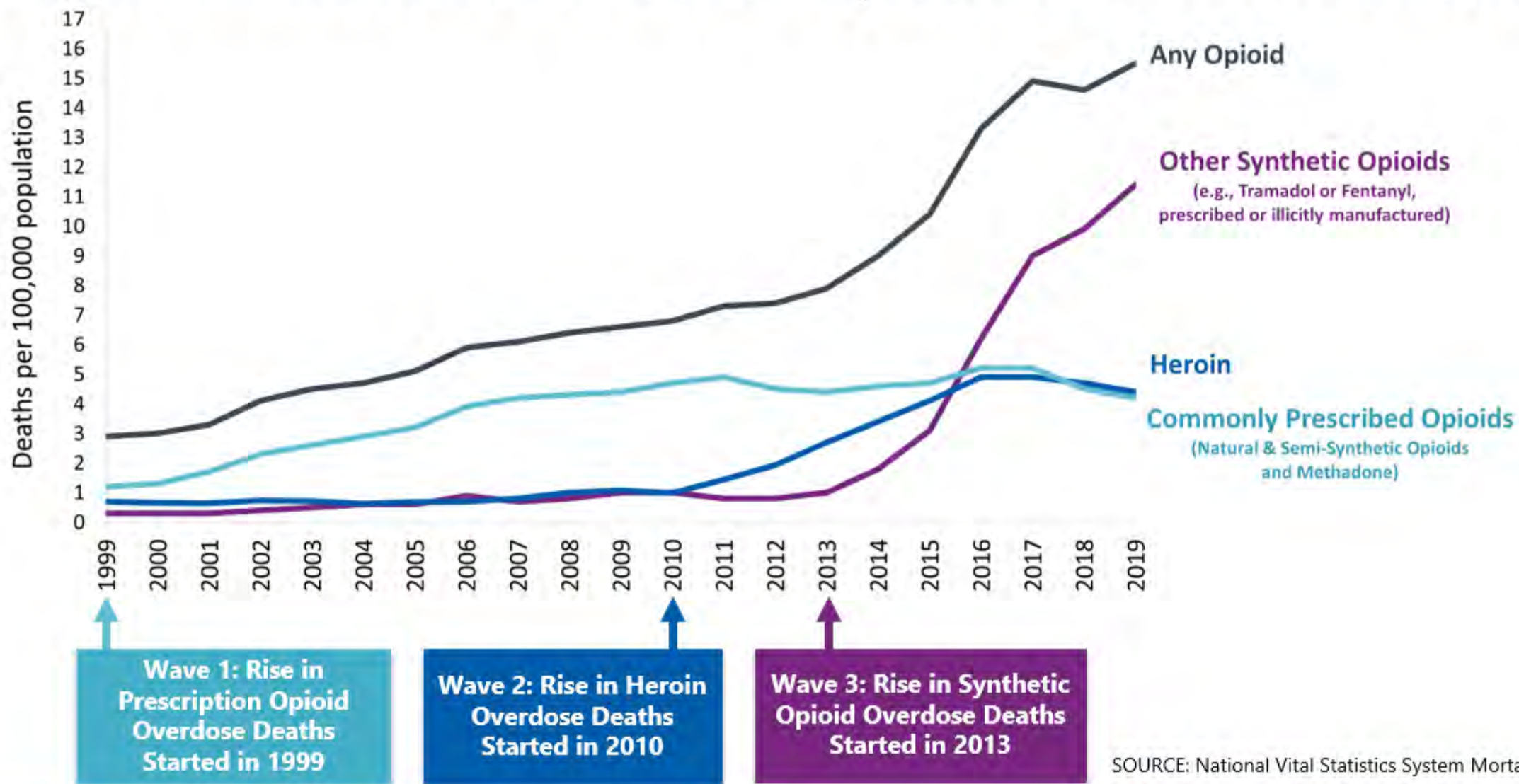
•July 17, 20208:27 AM ET

Pain as 5th Vital Sign?

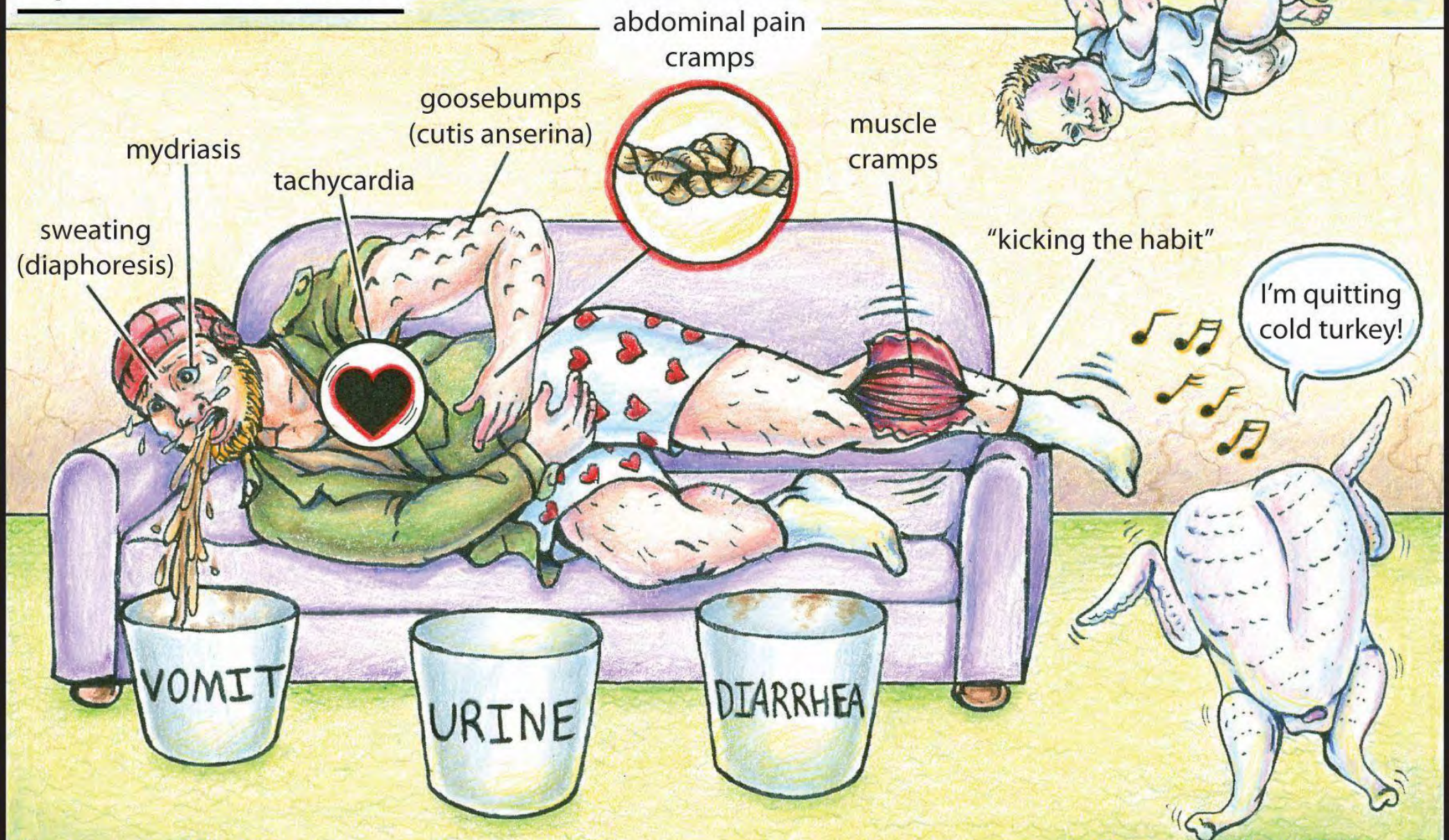
- In 2001, the Joint Commission rolled out its Pain Management Standards, which helped **grow the idea of pain as a "fifth vital sign"**



Three Waves of the Rise in Opioid Overdose Deaths



Opiate Withdrawal



Sackler Family

- **An American family who owned the pharmaceutical companies Purdue Pharma and Mundipharma**
- **One of the richest families in America**
 - **estimated \$10.8-\$13 billion fortune**
- **Known for their art collections and donations to several art and cultural institutions, and universities**



Justin @TheKaptin · Jul 20
 Die-in at Sackler Museum at #Harvard, People threw Oxy bottles and Narcan boxes protesting Sackler family's role in the opioid epidemic. – at Harvard Art Museums



3 46 102

- Purdue Pharma is the pharmaceutical company that manufactures OxyContin, the most popular opioid painkiller in America and the backbone of Purdue's business.



Purdue Pharma, Sacklers reach \$6 billion deal with state attorneys general

March 3, 2022 · 1:43 PM ET

Heard on All Things Considered

BRIAN MANN

MARTHA BEBINGER

 **2-Minute Listen**

+ PLAYLIST





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*DO NOT USE AS DIRECTED

Heroin Purity

- In 1980s = **3.6% pure**
- 1990 = **18% pure**
- 1998 = **41% pure**
- Today = **60-90% ???**
- No longer have to inject heroin to feel the effect. Purity so high effects felt by snorting or smoking



Heroin mimics Oxy

- Heroin in the Heartland – CBS News 60 Minutes





Heroin Overdoses

- Ohio couple slumped over in front seat of vehicle due to heroin overdoses while 4 year old toddler sits in back seat
- September 9, 2016
- <https://time.com/james-nachtwey-opioid-addiction-america/>

Fentanyl is a synthetic opioid that is up to

50x

**stronger than
heroin**

100x

**stronger than
morphine**



**Deadly
Dose of
Fentanyl**

Family sues Airbnb after 19-month-old dies of fentanyl toxicity during stay in Florida rental

Enora Lavenir died Aug. 7, 2021, one day after her family checked into an Airbnb rental in Wellington. They were staying there during a trip from France.

🔊 TAP TO UNMUTE



Fentanyl package found at New York daycare center where child died

Several thousand dollars' worth of synthetic opioid discovered in Bronx apartment where three other young children also sickened



📷 Mayor Eric Adams said: 'We're not going to allow this incident to take place and ignore this as just another day, another tragedy in the city.' Photograph: Kena Betancur/AFP/Getty Images

One-Year-Old Dies from Fentanyl Overdose at New York Nursery

A tragic incident in a New York nursery sees a one-year-old child die from a fentanyl overdose, leading to murder and drug conspiracy charges against the nursery owner and tenant



Fentanyl Concerns and Youth

- Bags of fentanyl in a public-school classroom should evoke the **same alarm as a school shooting or a bomb scare**
 - The quantity could kill as many innocent students
- No time to be addicts
- Dead in one use
 - Fentanyl is 80 to 100 times stronger than morphine
 - Teens risking death on the first try... No second chance
 - Fentanyl kills so fast that by the time first responders arrive, often there's no pulse

Fentanyl in US - 2022

- Over **50.6 million pills** seized in US = **379 million deadly doses**
 - Last year it was 20.4 million nationally
 - 10,000 pounds of powder
- 6 out of 10 fentanyl laced fake prescription pills contain a lethal dose of fentanyl
 - AZ pills are lethal dose – higher than average
- **\$1-\$5** on street
 - 35 cents per pill in bulk (wholesale)
- “Golden Trails” high purity when pills burn golden on foil

Over 50% of fentanyl entering US coming through Arizona: DEA

- 51.4% of all the fentanyl entering the U.S. is coming through Arizona
 - About 1/2 of that is coming from the southeast corner of AZ
- California is responsible for 46.3% of the fentanyl entering the U.S.
 - Texas and New Mexico barely register with just 1% of drug seizures
- The new DEA data shows more than 20 million pills were seized in Maricopa County in 2022

So Far in 2023...

DEA Fentanyl Seizures in 2023

In 2022, DEA seized more than 58.4 million fentanyl-lace fake pills and more than 13,000 pounds of fentanyl powder. The 2022 seizures are equivalent to more than 387.6 million lethal doses of fentanyl.

The 2023 fentanyl seizures represent over 190 million deadly doses. *

39,200,000+

Millions of Fentanyl Pills
Seized

6,500+ lbs.

Pounds of Fentanyl Powder
Seized



* 2 mg of fentanyl equates to a potentially deadly dose



AUTHENTIC

oxycodone
M30 tablets



***FAKE**

oxycodone M30 tablets
containing fentanyl



“Skittles” colored fentanyl

39,000 counterfeit M-30 pills seized in Phoenix - August, 2022



Photo Credit: Phoenix Police Department



Photo Credit: Maricopa County Sheriff's Office



Rainbow Fentanyl

- The **new colorful-powdery form has a higher potency than other forms** of fentanyl, police said
- According to the Oregon-Idaho HIDTA 2023 Threat Assessment, non-medical grade fentanyl has overtaken heroin and methamphetamine as the number one threat in the area
- Oregon's Good Samaritan Law will protect both the person who administers Naloxone and the person who is overdosing from prosecution

Authorities find 800 fentanyl pills and a new multi-color form of fentanyl during search

by AMBER LIPSCOMB | KATU | Tuesday, August 16th 2022



Deputies with the Multnomah County Special Investigations Unit in Oregon deputies say they found a new form of fentanyl that is considered to be more dangerous and potent than pressed pills. (Multnomah County Sheriff's Department)



PORTLAND, Ore. (KATU) — Deputies in an [Oregon](#) county said they found 800 pills of fentanyl and four grams of multi-colored, powdered fentanyl, which is often referred to as "rainbow fentanyl," while they search a suspect's house.

Police said the [Multnomah County Special Investigations Unit](#) also found body armor, \$5,000 in cash, nine guns, some of which were modified and stolen, and drugs, including meth, heroin, and fentanyl.

News about Phoenix Police Colored Fentanyl

bing.com/news



Rainbow-colored fentanyl tablets seized by Phoenix Police: 'Parent...

Police say a certain type of rainbow-colored fentanyl pills were discovered for the first...

yahoo/news · 23h



Rainbow colored fentanyl recovered for the first time



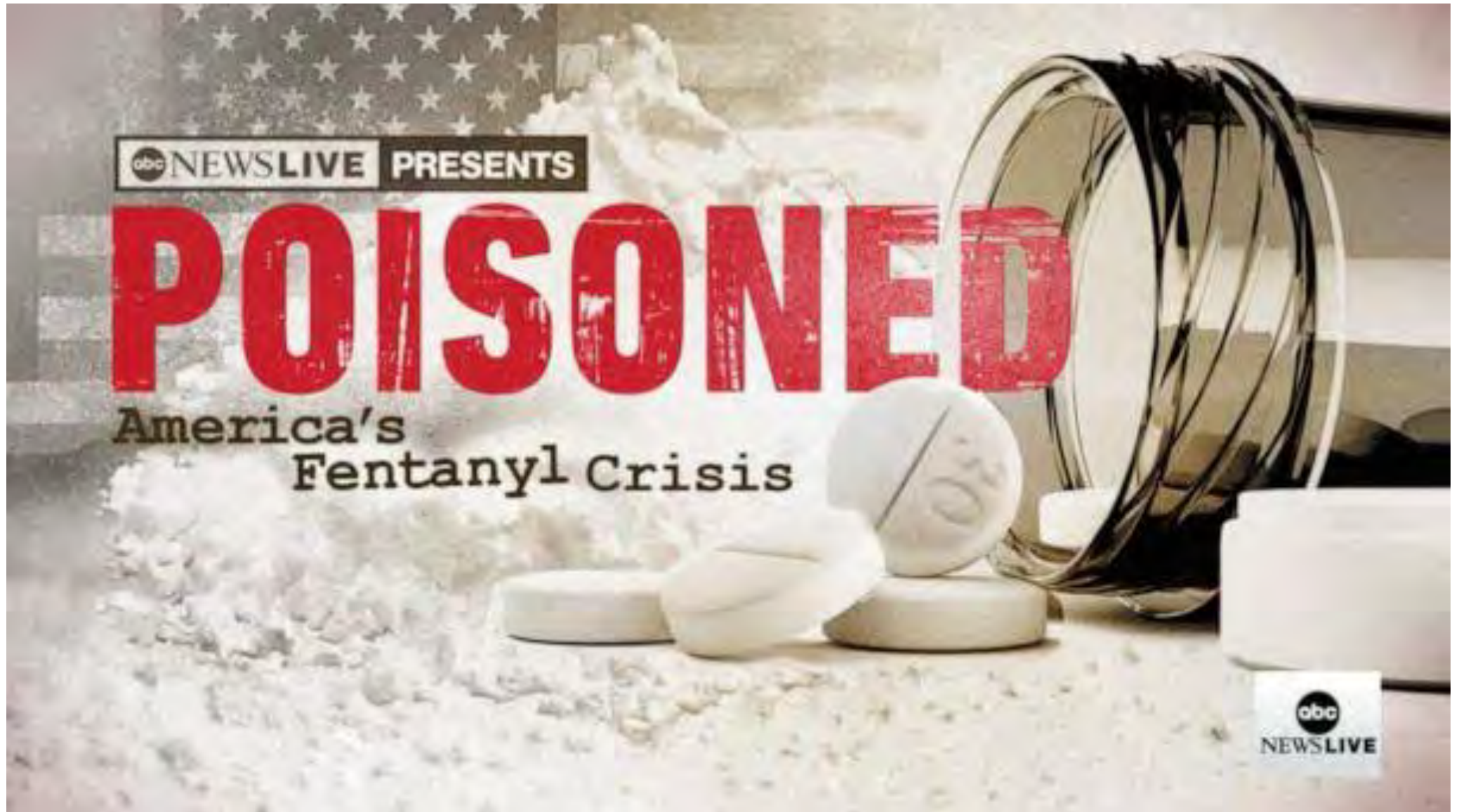
Phoenix police crime lab recovers first batch of



Phoenix police warn parents of new fentanyl



abcnews.go.com/US/video/poisoned-americas-fentanyl-crisis-84766860



Snap + Counterfeit Pills = Death

At around 1:30 a.m. on Aug. 15, 2020, Zachariah Plunk, 17, a star high school football player from Mesa, Ariz., contacted a dealer through Snapchat, seeking a Percocet.

As footage from the family's home security camera would reveal, **the dealer dropped off drugs around 3 a.m. Zach went outside, swallowed a pill and fell to the curb.** At 5 a.m., a 15-year-old neighbor found him dead.

Middle-school children fall prey to fatal fentanyl overdoses



By **Jen Christensen**, CNN

🕒 Updated 1:02 PM ET, Fri February 18, 2022

-
- Though still rare, **drug deaths among children ages 10 to 14 more than tripled from 2019 to 2020**, according to an analysis done for CNN by the US CDC
 - **Unintentional drug overdoses led to 200,000 years of lost life for US preteens and teens who died between 2015 and 2019**, a January study found. And experts suspect that the problem has gotten worse during the pandemic, research shows
 - Annual drug overdose deaths have reached another record high in the United States, with an **estimated 104,288 in the 12-month period ending September 2021**, according to provisional data published Wednesday by the CDC's National Center for Health Statistics
 - That's double the number from six years prior; there were an estimated 52,000 drug overdose deaths annually in September 2015



Fentanyl Pills and Crystals

Patches



Fentanyl Powder



“Lollipop”



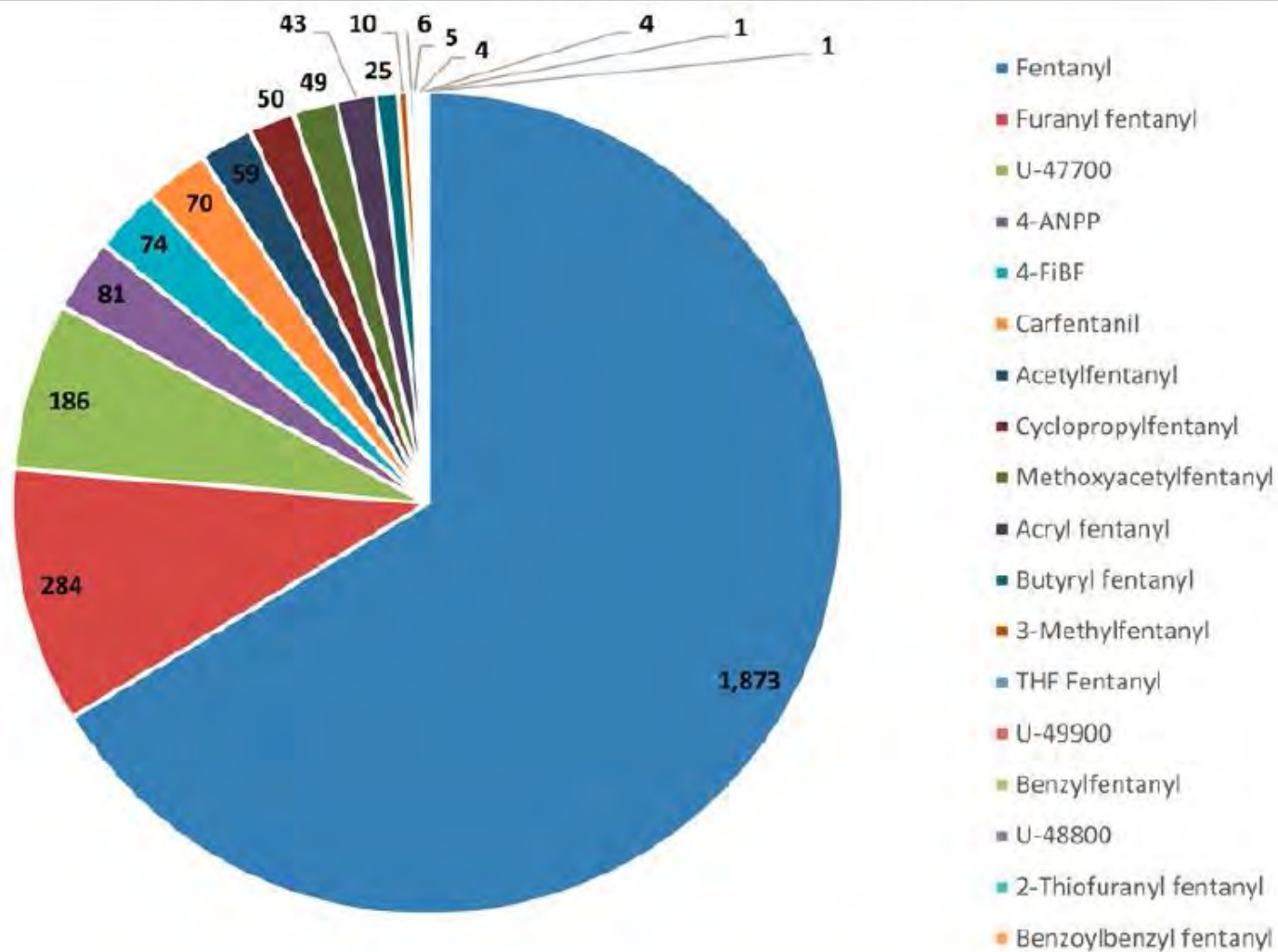
Figure 11. Counterfeit Oxycodone Tablet Containing Fentanyl



- M30s
- The Blues
- Fenty
- Mexican Oxy
- 30 Mg of Oxycodone

Source: Santa Clara, California Department of Health

Figure 29. Identifications of Fentanyl, Fentanyl Related Substances, Fentanyl Precursors, and Other Synthetic Opioids, CY 2017.



Source: DEA

Deadly Combination: Fentanyl and Xylazine

- "Xylazine is making the deadliest drug threat our country has ever faced, fentanyl, even deadlier," Milgram [said](#). "DEA has seized xylazine and fentanyl mixtures in 48 of 50 States. The DEA Laboratory System is reporting that in 2022 approximately **23% of fentanyl powder and 7% of fentanyl pills seized by the DEA contained xylazine.**"
- Animal sedative AKA "tranq" – increase in trafficking of combo
- Narcan ineffective

What to know about the drug xylazine and why it's making fentanyl worse

Xylazine is making fentanyl "even deadlier," according to DEA.

By [Jack Date](#)

March 21, 2023, 11:14 AM



The Growing Threat of Xylazine and its Mixture with Illicit Drugs

DEA Joint Intelligence Report
OCTOBER 2022

Deadly Combo



According to the Centers for Disease Control and Prevention (CDC), between 2018 and 2021, **deaths involving xylazine increased by 1,238%**

Nitazenes - “Frankenstein” Opioids

[BCI-Bulletin-Vol-18-02-Nitazenes-\(Public\).aspx](http://www.ohioattorneygeneral.gov/BCI-Bulletin-Vol-18-02-Nitazenes-(Public).aspx)
(ohioattorneygeneral.gov)

- Nitazenes, a group of dangerous synthetic opioids that can be up to 40 times more potent than fentanyl
- Nitazene compounds were originally synthesized in the 1950s for research of their analgesic effects; however, these substances are not approved for medical use anywhere in the world

Ohio Specific Case Observations

Color: White, off-white, beige, brown, tan, gray, black, yellow, peach, orange, green

Form: Powder, solid substance, liquid from syringes, residues

Adulterants: Found primarily in combination with fentanyl and fentanyl pharmacophores. Also found in combination with tramadol, cocaine, heroin, methamphetamine, benzodiazepine pharmacophores, and PCP analogs. Non-controlled substances that may be present include caffeine, diphenhydramine, mannitol, xylazine, and quinine.

Locations: Ohio BCI Laboratory submissions containing nitazene compounds were received from the counties depicted above.

Source: Ohio BCI Laboratory Statistics



What is Narcan and how is it used?



Narcan is used for emergency treatment of opioid overdose. It's an opioid antagonist, which means it works by blocking certain receptors in your body that opioids bind to.

By blocking these receptors, **Narcan helps to reverse symptoms of opioid overdose**

Naloxone Available Over the Counter!

****FOR IMMEDIATE PUBLIC RELEASE****

TYPE: Informative – Arizona Communities/Resources

DATE: March 30, 2023

SOURCES: Arizona High Intensity Drug Trafficking Area (AZ HIDTA)
National Institute on Drug Abuse (NIDA)
U.S. Food and Drug Administration (FDA)


ATTN: Public

The U.S. Food and Drug Administration (FDA) has approved the first nonprescription over-the-counter naloxone nasal spray (brand name Narcan). According to the National Institute on Drug Abuse (NIDA), naloxone is a medication designed to rapidly reverse an opioid overdose, which includes fentanyl, heroin, and prescription opioid pain medications (oxycodone, hydrocodone, morphine, etc.).



This photo is being provided for informational purposes.

A major study from the medical journal the Lancet last year predicted opioid-fentanyl drug deaths will remain high, claiming another 1.2 million lives in the U.S. by the end of this decade



Violent drug organizations use human trafficking to expand profits

By Jarod Forget Special Agent in Charge, Washington D.C. Division

Sex & Drugs

Trafficking of illegal drugs and human trafficking often happen together

- Transnational drug traffickers and criminal organizations often look to increase profits and market control through diversification
 - Using trafficking routes for drugs, labor, sex, and violence
- **For traffickers, it doesn't matter which product is being sold -- both drugs and sex are lucrative industries – as long as money is made**
 - Drug cartels often use trafficked women and children to smuggle drugs across the border, doubling up on the money they can make from them
- Violent criminals like this see no difference between abusing a woman's body by forcing her to swallow bags of drugs or by forcing her to have sex with hundreds of men

Lost Daughters of Mexico

- When a girl is *robada* – which literally means stolen – she is taken off the street, on her way to school, leaving the movies, or even stolen out of her own house. No ransom is asked for. **Her body is all the criminals want**
- The drug cartels know they can sell a bag of drugs only once, but they can prostitute a young woman many times in a single day

Human Trafficking & The Opioid Crisis

- Human traffickers often use drugs as “bait” to recruit people who have a substance use disorder. Traffickers use drugs as a means of control over their victims – to force compliance, harder work, longer hours, or to keep them “drugged out” so they do not attempt escape
- Criminals forcing women and children into addiction by providing them strong and potent drugs as a means of exerting control
- **About 25% of human trafficking survivors have an opioid problem**



Sex and labor trafficking industry is second only to drug trafficking as the world's largest criminal industry, according to the International Labour Organization and the nonprofit [Polaris Project](#).

Resources

- **24-Hour Hotline: 1-888-373-7888**
SMS Text Line: 233733 (BEFREE)
- National Human Trafficking Resource Center: <https://humantraffickinghotline.org/>
- Human Trafficking Overview & News: <https://www.justice.gov/humantrafficking>
- Indicators of Human Trafficking: <https://www.dhs.gov/blue-campaign/indicators-human-trafficking>

Roles models help define Norms

Where the norms come from are **IMPORTANT**

- Parents
- Teachers
- Grandparents
- Music instructor
- Counselors
- Sports coaches
- Positive Peer – after school program
- Neighbors
- Aunts/Uncles
- Pastors
- SROs
- Youth group leaders
- Bosses
- Important adults



1. Say "NO THANKS."

The easiest but some forget to try it. This often works when you are faced with friendly or teasing pressure.



2. Give a Reason, Fact or Excuse.

The excuse needs to get you away from the person or situation. Practice an excuse so that you won't hesitate and will sound confident. Have a code word to use with your parents. Text them the word and have them call to say you need to come home.

"My mom just called. Sorry..I gotta go. Something's going on at home"

"My parents would ground me for life"

"I forgot that I have a doctor's appt. this afternoon"

"I already lost my phone privileges. If they find me doing this stuff I won't be able to go anywhere for a month!"



3. Walk Away.

One of the most effective refusal skills is just too walk away. You may feel obligated to stand and face "the enemy" but you need to just leave. Say no and walk away while saying it.



4. Change the Subject.

You can offer another alternative activity: "No. Let's go play ball instead" or "Let's go get a snack at my house. I'm hungry." or "I wanted to play my Xbox this afternoon"



5. Use Humor.

"No thanks. This stuff stunts my growth. I want to be tall to play ball."

"Man, I need all the brain cells I can get. No thanks."

"Pot makes you stupid and gives you yellow teeth..I'll pass."



6. Broken Record or Repeated Refusal.

Keep saying "no" over and over again. It will buy you some time to use another refusal technique or be an annoyance.



7. Cold Shoulder or Ignore.

Avoid directly confronting the person. Turn your shoulder and talk to someone else or just ignore them like you don't hear them.



8. Avoid the Situation.

Common sense tells you the places and times where there may be problems with peer pressure. Avoid these situations.

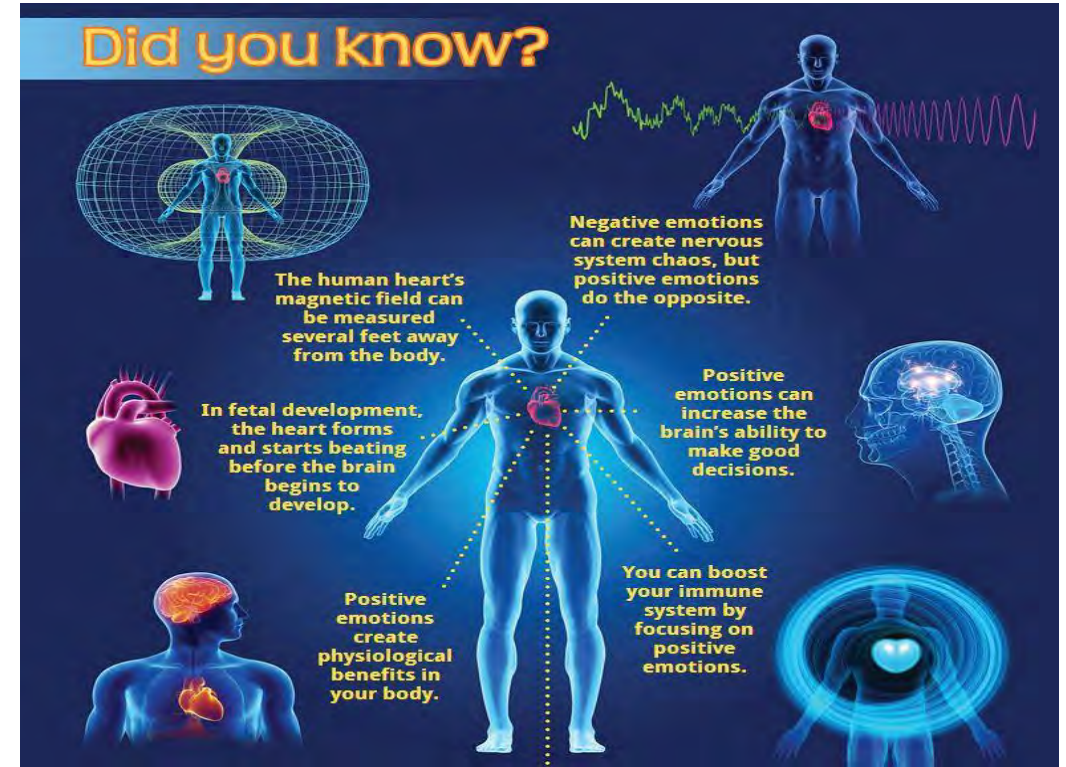


9. Strength in numbers.

The truth is simple. If you surround yourself with friends that make good choices then you will too. The opposite is true as well. One of your most important choices you can make is the choice of your friends. Choose to hang out with non-users.

Alternative Pain Management

- Art Therapy
- Massage
- Meditation
- Biofeedback
- Hypnotherapy
- Chiropractic
- Aromatherapy
- Acupuncture
- Exercise
- Other relaxation therapies



Studies have found...

- **Dog owners are less likely to suffer from depression than those without pets**
- People with dogs have lower blood pressure in stressful situations than those without pets. One study even found that when people with borderline hypertension adopted dogs from a shelter, their blood pressure declined significantly within five months
- **Playing with a dog or cat can elevate levels of serotonin and dopamine, which calm and relax**
- Pet owners have lower triglyceride and cholesterol levels (indicators of heart disease) than those without pets
- **Heart attack patients with dogs survive longer than those without**
- **Pet owners over age 65 make 30 percent fewer visits to their doctors than those without pets**

Pet Ownership Statistics

spots.com and 2021-2022 National Pet Owners Survey conducted by the American Pet Products Association (APPA)
Last Updated: March 25, 2022

- **2 out of 3 American homes includes a pet.** Of the **393.3 million** pets live in the United States, most are dogs, cats, and fish.
- **90.5 million** or **70%** of American homes include a pet
- **95%** of American pet owners consider their pets to be family members
- Freshwater aquarium fish are the most popular pet, with **139.3 million** of them nationwide
- Americans spend **\$1 billion** each year on pet insurance.
- Pet ownership has increased **20%** since 1988



**My happy:
Brix and Ivy**



Don't waste time...

- Learn something new?
- Tell others
- Be proactive
- Prioritize healthy decisions/conversations
- Be honest and direct
- Keep it real

—◆—

*Life is
a precious gift.
Use your days
wisely.*

Collaboration... among all

- Reduce demand
- Interdiction
- Investigations and arrests
- Education
- Treatment
- Harm reduction strategies
- Replacement therapies
- Other modalities
- Love, support and connection

Resources and Resiliency

- Prioritize YOU
- Educate early
- One pill can kill... no room for experimentation
- Look, listen, intervene
- Positive adult role models
- Healthy outlets and passions
- Connections
- Internet
- Apps
- Healthcare providers
- Law enforcement
- Coalitions
- Peer support
- PALS and other support groups
- Therapy



What Families Need to Know
to Help Protect Children, Teens
and Young Adults



Vaping Talk Kit

What you need to know and
how to talk to your kids about
vaping.



E-Cigarette Talk Kit

Ways you can have a
conversation with your kids
about the dangers of e-
cigarettes, including a tip sheet
for parents



Intervention Guide

What to do if your child is
drinking or abusing drugs.



Parent Talk Kit

Six research-supported parenting practices to set you on the right path.



Underage Drinking Talk Kit

Includes five conversation goals, answers to the tough questions, and a family



Prescription Drug Talk Kit

Tips for what to say to prevent prescription drug abuse.



Marijuana Talk Kit

The facts, risks, what to say, and additional resources.



Parents Guide to Fentanyl

What you need to know on dangers of fentanyl and its availability, plus additional resources and valuable statistics.

[READ MORE](#)

<https://www.fhcoalition.org/parent-resources/>

Parents Against Vaping e-cigarettes (PAVe)

www.ParentsAgainstVaping.org



@parents_against_vaping



@ParentsVsVape



Parents Against Vaping E-cigs



Thank you 😊

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