

# Weed is legal. (kind of)

# Cannabis Explained

### Compounds (phytocannabinoids)

- Tetrahydrocannabinol (THC)
- Cannabidiol (CBD)
- Cannabinol (CBN)
- Subspecies Indica & Sativa

### Marijuana:

- Adult-Use
- Medicinal

### Hemp:

- Animal Feed
- Fuel / Paint
- Fabric / Cordage
- Building materials



# Hemp

### THE COBRA EFFECT

A WELL-INTENTIONED MEASURE CAN OFTEN BACKFIRE AND HAVE THE OPPOSITE EFFECT TO INTENDED







INTENTION

REDUCE COBRA POPULATION ACTION

A BOUNTY FOR

DEAD COBRAS!

EFFECT

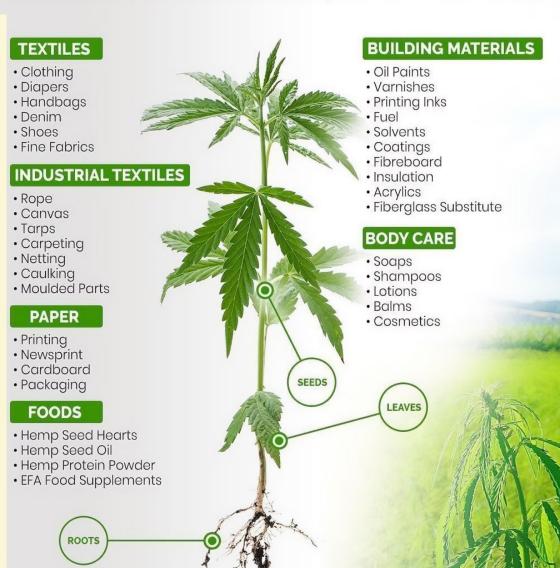
PEOPLE START

COBRA FARMING

sketchplanations

### HEMPISTHE STRONGEST NATURAL FIBRE IN THE WORLD.

IT'S KNOWN TO HAVE OVER 50,000 DIFFERENT USES



# Hemp - Intention

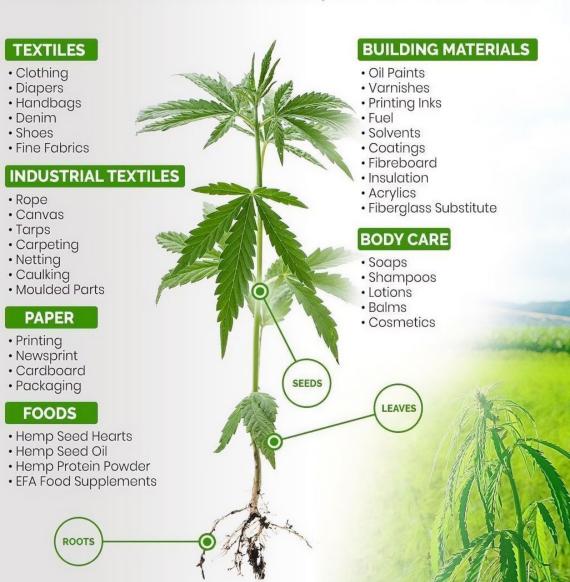


Remove from Schedule I of the Controlled Substances Act 2

Treat hemp akin to other agricultural commodities (mostly)

# HEMP IS THE STRONGEST NATURAL FIBRE IN THE WORLD.

IT'S KNOWN TO HAVE OVER 50,000 DIFFERENT USES



# Hemp - Action

The Agriculture Improvement Act of 2018 (Farm Bill)

Defined hemp as "any cannabis plant, or derivative thereof, that contains not more than  $0.3 \% \Delta-9 THC$  on a dry weight basis"



# Hemp - Effect

Well, you said  $\Delta$ -9-THC...but you didn't say...

- Δ-6a10a-THC
- Δ-6-THC
- Δ-8-THC
- FX- △-8
- Δ-10-THC
- △-11-THC
- PHC
- THC-A
- THC-B
- THC-C8
- THC-H

- 8-Hydroxy-HHC
- 10-Hydroxy-HHC
- 11-Hydroxy-HHC
- HHC
- HHCA
- H4CBD
- THC-JD
- THC-M
- THC-O
- · THC-P
- THC-V
- THC-X



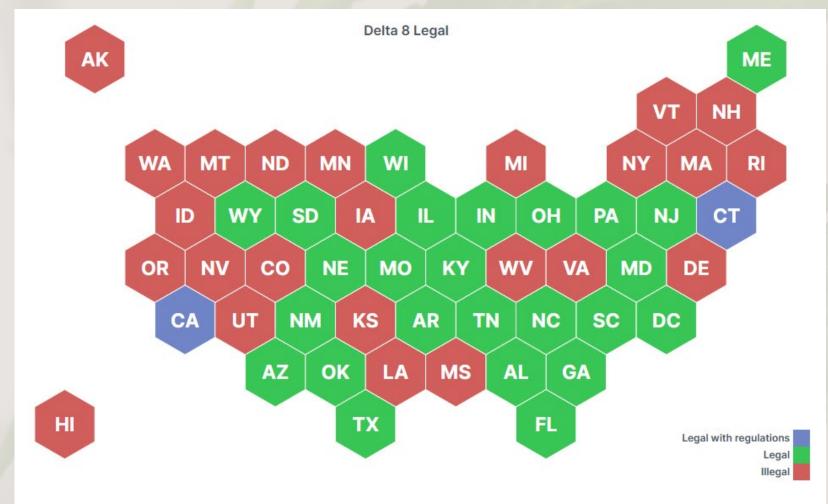
# Hemp Derived Psychoactive Cannabis Products

- Other cannabinoids *are* naturally occurring in the hemp plant, but not in quantities economical for extraction.
- To produce these derived psychoactive cannabis products, CBD is extracted and synthesized in a laboratory to create tetrahydrocannabinols (THC).





### State Level Prevention



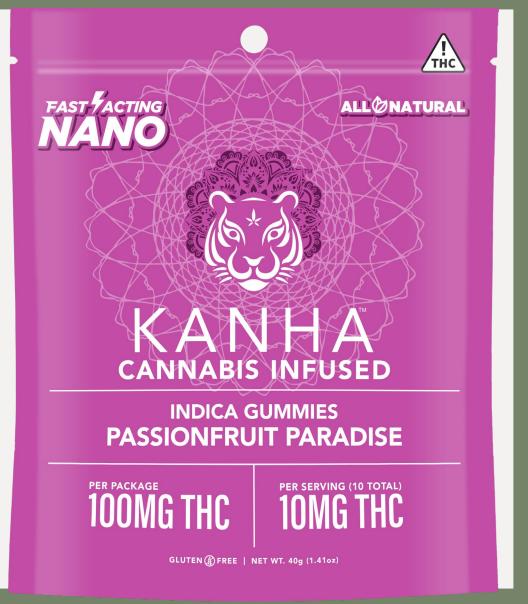
# 24 states have Outlawed Delta 8 Products,

21 have legal cannabis markets:

- Alaska Adult Use
- Colorado Adult Use
- Delaware Adult Use
- Iowa Low Dose THC
- Louisiana Medical
- Massachusetts Adult Use
- Minnesota Adult Use
- Michigan Adult Use
- Mississippi Medical
- Montana Adult Use
- Nevada Adult Use
- New York Adult Use
- New Hampshire Medical
- North Dakota Medical
- Oregon Adult Use
- Rhode Island Adult Use
- Utah Medical
- Vermont Adult Use
- Virginia Adult Use
- Washington Adult Use
- West Virginia Medical

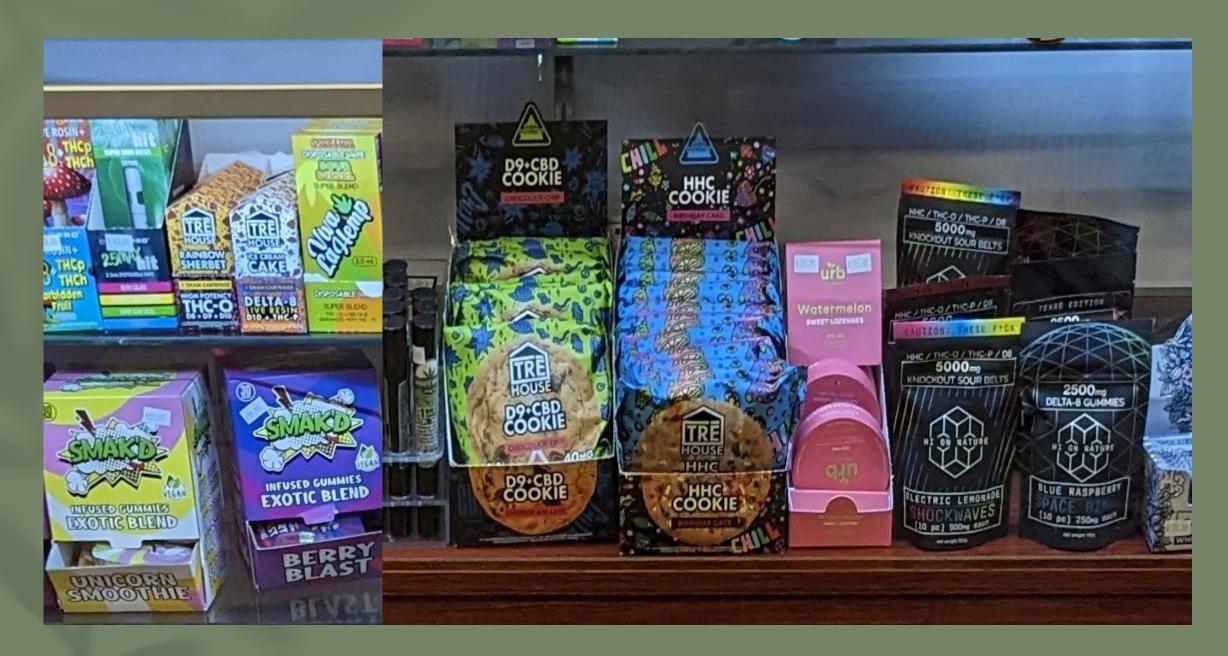












Analysis Type	SOP	Date Tested	Status
Cannabinoids	EA-SOP-POTENCY	10/29/2022	Complete
Heavy Metals	EA-SOP-HM	10/31/2022	Pass
Microbials	EA-SOP-ARIA	11/01/2022	Pass
Mycotoxins	EA-SOP-MYCO	10/31/2022	Pass
Residual Solvents	EA-SOP-RES	10/31/2022	Pass
Pesticides	EA-SOP-PEST	10/31/2022	Pass

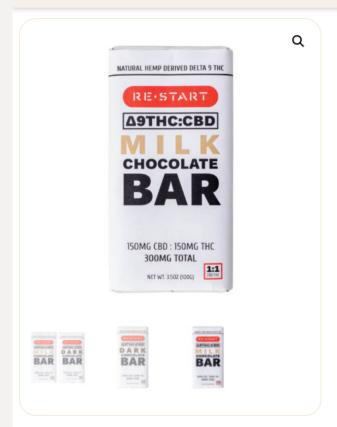


Unit Size (g): 85

<u>Analyte</u>	Result (mg/g)	mg/unit	w/w %	LOQ (ppm)	LOD (ppm)
CANNABIDIVARIN (CBDV)	<lod< th=""><th><lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<></th></lod<>	<lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<>	<lod< th=""><th>100</th><th>30</th></lod<>	100	30
CANNABICHROMENE (CBC)	<lod< th=""><th><lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<></th></lod<>	<lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<>	<lod< th=""><th>100</th><th>30</th></lod<>	100	30
CANNABIGEROL (CBG)	<lod< th=""><th><lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<></th></lod<>	<lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<>	<lod< th=""><th>100</th><th>30</th></lod<>	100	30
CANNABIDIOL (CBD)	0.33	28.11	0.03	100	30
CANNABINOL (CBN)	<lod< th=""><th><lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<></th></lod<>	<lod< th=""><th><lod< th=""><th>100</th><th>30</th></lod<></th></lod<>	<lod< th=""><th>100</th><th>30</th></lod<>	100	30
Δ9 TETRAHYDROCANNABINOL (D9-THC)	0.27	23.35	0.03	100	30
Δ8 TETRAHYDROCANNABINOL (D8-THC)	0.09	7.99	0.01	100	30

RE-START

SHOP - SPECIALS AUSTIN CURBSIDE LOCAL DELIVERY CBD 101 - ABOUT -



HOME / DELTA 9 EDIBLES / D9 CHOCOLATE | CARAMELS / Delta 9 CBD 300MG Chocolate Bar

# DELTA 9 CBD 300MG CHOCOLATE BAR \$29.99

TYPE OF CHOCOLATE
Milk Dark
1 ADD TO CART
OVERVIEW PRODUCT DETAILS

### Looking for Delta 9 THC legally available without a prescription? You've come to the right place!

RESTART CBD's Delta 9:CBD chocolate bars are so delicious and smooth that you'll be eager to add them to your daily routine.

Our dark chocolate is perfect for the more experienced pallet with over 64% cocoa. It's free of all dairy products, making it a great vegan option. Zero artificial flavors, colors, or preservatives.

Our milk chocolate is perfect for those who prefer the sweeter, creamier side of the chocolate spectrum. Zero artificial flavors, colors, or preservatives. This product is not vegan.

NO prescription needed. No Pre-Qualifications. No Doctor's Appointment.

- Serving Size: 1 Piece (For 1st time users, only consume ½ piece or less per 24 hours)
- Servings per Bar: 15
- Strength per Serving: 20mg 10mg Δ9THC:10mg CBD
- Total Cannabinoids per Bar: 300mg (150mg Δ9THC:150mg CBD)
- Specially formulated fast-acting Delta 9 THC chocolate.
- Made with natural, hemp-derived Delta 9 THC. Federally legal & compliant.
- No artificial flavors or colors.
- Contains < 0.3% Δ9THC.</li>

### HOW TO USE:

- Start low and go slow. Break the chocolate bar along the lines and cut pieces in ½ or less for a lower dose.
   With more experience, you will find the best dose for your body.
- Take with food for best results. THC binds to fat and the effects are known to be stronger with food in your system.
- 3. Edibles have a delayed result. Do not consume more than 2.5mg Delta 9 THC per 24 hours.

# Ready to get blasted into oblivion? Grab yours and get felonious!



Reviews: "I was high for 2 days."

"Best way to escape your daily troubles."
"3 swigs and got so messed up I couldn't stand."

# Delta-9 Syrup – Watermelon Felon – 1000mg

\*\*\* 134 Reviews

\$29.99 / each









- In stock, ready to ship
- Highly Potent 1000mg blend of Delta 9 & Delta 8
- · Watermelon flavor so good it should be illegal
- · 23 servings per bottle
- · Trippier than a turtle in a top hat!
- Vegan
- · Warning: May cause psychotropic effect

### **Effects**







# Does not ship to the following states:

CA, CO, HI, IA, ID, MA, MI, MS, MT, ND, NV, OR, RI, UT, VA, VT, WA

### **POTENCY CANNABINOID PROFILE**

Total THC

THCA \* 0.877 + D9-THC

329.55 mg/unit

Total CBD

CBDA \* 0.877 + CBD

<LOQ

<u>Analyte</u>	Result (mg/g)	mg/unit	<u>w/w %</u>	LOQ (ppm)	LOD (ppm)
CANNABIDIVARIN (CBDV)	<loq< td=""><td><l0q< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></l0q<></td></loq<>	<l0q< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></l0q<>	<l0q< td=""><td>100</td><td>30</td></l0q<>	100	30
CANNABICHROMENE (CBC)	<loq< td=""><td><loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<></td></loq<>	<loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<>	<l0q< td=""><td>100</td><td>30</td></l0q<>	100	30
CANNABIGEROL (CBG)	<loq< td=""><td><loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<></td></loq<>	<loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<>	<l0q< td=""><td>100</td><td>30</td></l0q<>	100	30
CANNABINOL (CBN)	<loq< td=""><td><loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<></td></loq<>	<loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<>	<l0q< td=""><td>100</td><td>30</td></l0q<>	100	30
CANNABIDIOL (CBD)	<loq< td=""><td><loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<></td></loq<>	<loq< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></loq<>	<l0q< td=""><td>100</td><td>30</td></l0q<>	100	30
CANNABIDIOLIC ACID (CBDA)	ND	ND	ND	100	30
Δ9-TETRAHYDROCANNABINOLIC ACID (THCA)	ND	ND	ND	100	30
Δ9-TETRAHYDROCANNABINOL (D9-THC)	2.39	329.55	0.24	100	30
Δ8-TETRAHYDROCANNABINOL (D8-THC)	5.36	739.41	0.54	100	30
NOTES: 1ml = 1.2g. serving size is 5ml (6g)					

NOTES: 1ml = 1.2g, serving size is 5ml (6g).



## THC Sodas

Dude & Shirley Mixed Pack! 4 pack \$22.49

Each drink is 16floz and contains 50mg of real Delta-9 THC.

# Consumer Review – Dr. Dank Soda (50mg THC)

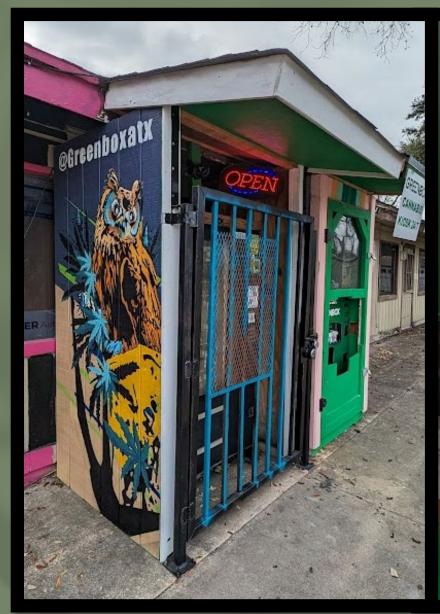




























# What is the age requirement for purchasing these products?



Texas Department of State Health Services

Services

Health & Wellness

**Diseases & Conditions** 

**Business & Compliance** 

Data & Case Reporting

Home / Consumable Hemp Program / Consumable Hemp Products - Frequently Asked Questions

### Consumable Hemp Program

Consumable Hemp Products - Frequently Asked Questions

DSHS Consumable Hemp Product License Process

Consumable Hemp Program - Open Records

# **Consumable Hemp Products - Frequently Asked Questions**

Is there an age requirement to buy consumable hemp products including smokable hemp?

No. There currently is no minimum age set by Texas statute to purchase consumable hemp products in Texas. This includes hemp products that are intended for smoking.

# What

# What would you do? Case 1

### October 2023

Smithson Valley High School

Comal Co. Sheriff's Office

Field tests can indicate THC

NOT legal hemp vs. illegal marijuana

Presumptive test is probable cause for arrest

Prosecutors require lab results

Months or years to return results



17-year-old student

Considered an adult

Arrested for felony charge

Booked in adult county jail

Bail set at \$5,000

Possession: THC Vape Pen

(unlabeled)

Penalty: Up to 10 years

prison

Up to ¼ lbs. flower (4 oz.) -

Class A Misdemeanor

Lifelong consequence

# What would you do? Case 2



# What would you do? Case 3



- Criminal Defense Attorney
   Specializing in DWI cases
- Cannabis Delivery Service

## January 22, 2024

- Interdepartmental Raid:
  - Austin Police,
  - Travis Co. Sheriff SWAT,
  - Drug Enforcement Agency (DEA)
- Seized:
  - Bulk Marijuana (~100 lbs.), Bulk THC Edibles, Psilocybin Mushrooms, Rifles, Cell Phones, Legal Documents, US Currency
- 3 Controlled Purchases
- Warrant: Issued by Municipal Court
- 1 year after the raid, no charges have been filed

"Confiscation without prosecution amounts to cops robbing cannabis dealers."



Home / ZAZA COTTON / OREOZ

ZAZA COTTON

OREOZ

\$220.00

SIZE

1 Ounce 
CLEAR

Add to cart

SKU: N/A Category: ZAZA COTTON

#### THIS T-SHIRT COMES WITH THE FREE GIFT OF:

OREOZ, also known a "Oreo Cookies" and "Oreos," is a potent hybrid marijuana strain made by crossing Cookies and Cream with Secret Weapon. This strain produces a long-lasting and relaxing high. Consumers should take caution as the high potency of Oreoz may be overwhelming to those new to cannabis.

737-GAS-BUDS

## \$100 MINIMUM FOR DELIVERY. THE AMOUNT INCREASES THE FURTHER AWAY YOU ARE!!!!!!

## IIIIINEW ARRIVALSIIIII









FLOWER

\$120.00 - \$240.00

**BACIO GELATO** 

BISCOTTI

FLOWER

\$120.00 - \$240.00

Flower4 **BUBBA KUSH** \$90.00 - \$180.00

**CAKE DONUT** \$120.00 - \$240.00

# Hazy Outcomes

- Exploitation of a Loophole in the Farm Bill
- Businesses with little, to no, regulation
- Customers charged with felonies for possession
- No oversight, no age restrictions, no safety protocols
- Lack of clarity creates legal challenges
- Inconsistent messaging and application of the laws
- Inability to accurately test products in field
  - High-cost toxicology results







## Mixing 2 substances, most commonly:

- Alcohol
- Cannabis

## "Booze before weed, gets you higher indeed"

- Alcohol increases THC absorption
- Can cause "Greenout": chills, cold sweats, nausea, dizziness, and vomiting

## "Weed before drink, you had more than you think"

- THC changes how alcohol is metabolized, delaying the effects
- Difficult to determine too much alcohol toxicity

Amplifies Intoxication with Unpredictable Results

# Three Types of Crossfading Businesses in Texas

## **Manufacturers**

- Produce THC Seltzers
- Shipping to on- and off- premise locations across Texas
- Can be manufactured in states other than Texas

## **On-Premise Alcohol**

- Bars and Restaurants
- Selling both alcohol and THC beverages in the same location
- May have hempderived THC dispensary inside bar/restaurant

## **THC Infused Foods**

- Restaurants and Bars
- Culinary Institutes
- Dining experience
- THC infused food often paired with cocktails
- Multiple courses
- Buffets

## What Are Delta-8 Drinks?

## What is Delta 8 and what kind is in your seltzer?

• Delta-8 is a psychoactive cannabinoid found in the hemp plant

## Why a beverage, specifically a seltzer?

- Carbonated beverage allows full effects faster by-pass your liver
- D8 seltzer enters your bloodstream much faster than edibles!

## Do D8 seltzers get you high?

• Yes, D8 seltzers are designed to get you high

### What do D8 shots do?

Euphoric, blissful effects more efficiently by using less liquid

## Can you take Delta 8 with alcohol?

 Alcohol increases the absorption of all forms of THC, potentially leading to a considerably enhanced high, exacerbating alcohol's judgment-impairing effects.
 Only combine alcohol with Delta 8 if you are being extremely cautious.



# Off-Premise: Spec's





# Texas THC Seltzer Vendors ONE Manufacturer/Distributor

November 2, 2023 THC Seltzer Vendors Total Vendors 121 – Of those, 47 are Bars and Restaurants

February 22, 2024
THC Seltzer Vendors
Total Vendors 174 –
Of those, 101 are Bars and Restaurants



CANNABIS BREWERY DISTILLERY CULTURE SHOP EVENTS



# 420 Cocktails



"We can make any drinks with an infusion in it."

## **Cannabis Caviar:**

Any house cocktail with THC infused mini boba pearls

Tea-HC: Cannabis iced tea

Red Eyes: Draft shots



# Wild, A Cannabis Infused Dining Experience







Wild Heights
Coffee | Cocktails | Dispensary
Houston, TX

Bud Bar Montrose

Wild Montrose

Coffee | Cocktails | Dining | Dispensary
Houston, TX

"And per the "Wild" experience, diners will have the choice of opting for "virgin" dishes or infusing their plates with CBD or THC for a hemp-filled experience. Pre-dosed options, or dishes containing THC or CBD, will be available along with cocktail, wine, and cannabis pairings."

# Onsite Consumption – Adult Use States

**Alaska:** A licensed retail marijuana store with an approved onsite consumption endorsement *may sell food or beverages NOT containing marijuana or alcohol.* 

**California:** Temporary Cannabis Event Consumption. (c) Consumption of alcohol or tobacco shall NOT be allowed on the licensed premises.

Colorado: Regulated Marijuana Businesses: General Restrictions - Alcohol Beverage License Prohibited.

• Licensed Cannabis Hospitality Businesses: Alcohol Consumption Prohibited. A Licensed Hospitality Business is responsible for preventing the consumption of alcohol within its Licensed Premises.

**Illinois:** Dispensing organizations are prohibited from selling any product containing alcohol.

• Consumption Lounges - municipalities. As an example, Oakbrook Terrace §156.093 states, "There shall be NO on-site sales or consumption of alcoholic beverages or tobacco allowed on the permitted premises.

**Maryland:** An on-site consumption establishment *may not allow the consumption of alcohol* on the licensed premise.

**Nevada:** All alcohol, tobacco, and nicotine products are not permitted for use or sale in a cannabis consumption lounge.

**New Jersey:** The sale of tobacco products and alcohol will be prohibited in cannabis consumption areas.

**New Mexico:** Alcohol is prohibited in cannabis consumption areas.





# Polysubstance Use & Driving

The most common substances found in combination, identified in drivers involved in motor vehicle crashes are **alcohol and marijuana**.

- Compared to sober drivers:
  - Alcohol-impaired 16x increased crash risk
  - Alcohol and marijuana combined 25x
- This combination effects:
  - The ability to divide attention between more than two tasks
  - Effectively engage in defensive driving skills
- Most prevalent among young adults and college students



# Texas Data – Cannabis Category 2018-2022 Drivers in Motor Vehicle Crashes Involving Drugs

# All Crash Severities (No Alcohol)

- 1. Unknown 33.4%
- 2. Multiple Drugs 12.4%
- 3. Cannabis 7.4%

# Fatality & Serious Injury (No Alcohol)

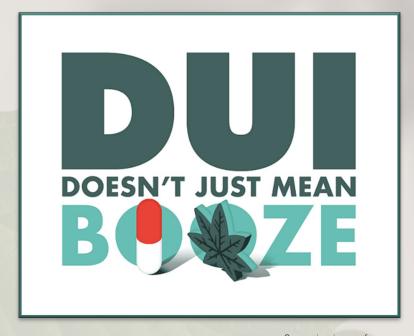
- 1. Multiple Drugs 23.6%
- 2. Cannabis 21.6%

# All Crash Severities With Alcohol Involved

- 1. Unknown 28%
- 2. Multiple Drugs 14.2%
- 3. Cannabis 14.1%

# Fatality & Serious Injury With Alcohol Involved

- 1. Cannabis 28.2%
- 2. Multiple Drugs 24.7%



Campaign image from: California Office of Traffic Safety

# Driving While Intoxicated (DWI) in Texas

Driving While Intoxicated: Penal Code Sec. 49.04

A person commits an offense if the person is intoxicated while operating a motor vehicle in a public place.

No defense for medical use - Penal Code Sec. 49.10

NO DEFENSE: The fact that the defendant is or has been entitled to use the alcohol, controlled substance, drug, dangerous drug, or other substance is not a defense.

Implied Consent - Transportation Code Sec. 724.011

CONSENT TO TAKING OF SPECIMEN: If a person is arrested for an offense arising out of acts alleged to have been committed while the person was operating a motor vehicle in a public place, or a watercraft, while intoxicated, the person is deemed to have consented, to submit to the taking of one or more specimens of the person's breath or blood for analysis to determine the alcohol concentration or the presence in the person's body of a controlled substance, drug, dangerous drug, or other substance.

# IF YOU FEEL DIFFERENT YOU DRIVE DIFFERENT

Reducing Marijuana Impaired Driving



# Strategies: Enforcement

- Per se laws are ineffective
- All law enforcement officers need to become Advanced Roadside Impaired Driving Enforcement (ARIDE) certified
- On-call Drug Recognition Experts (DRE)
- Green labs
- Roadside oral fluid screening

# Strategies: Public Education

- Campaigns highlighting the consequences of driving under the influence of marijuana: DUI
- Messaging emphasizing that marijuana and other drugs impair at various levels. Calling on a designated driver is the solution
- Partnerships with the industry: trusted sources for consumers



Colorado Department of Transportation educating the public at a 420 Event

# Campaign Lessons

## **Recommendations:**

- Consumers make responsible choices
- Wait longer after use
- Emphasize slowed reaction time
- Avoid stereotypes
- Discuss credible risks and consequences

## What does not work:

- Scare tactics, fear, or overstating dangers
- Threats from government or law enforcement
- Unrealistic or derogatory scenarios that may elicit mockery



IF YOU PLAN ON GETTING HIGH, PLAN ON GETTING A RIDE.

DON'T. DRIVE. HIGH.

\*+€ = DUI





Marketing Research conducted by the Colorado Department of Transportation



## Want more info?

Ask about the TTI online course for marijuana education!

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