



# Trends in Cannabis Use

16<sup>th</sup> Annual FTA Drug and Alcohol Program National Conference


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1



# Basic Information



2

# Basic Information

## Marijuana – Common Names

**Cannabis, Marijuana, Weed...**

On and on and on and on...

Business industry leans toward "cannabis"

**Names differ:**

Demographics

Geographics

Product Type

**Curious observation**


Increase in legalization =

Decrease in "Whacky" names


3

# Basic Information


## How Do People Use Marijuana?




**Smoke**



**Vaporize**



**Dab**



**Edibles**

- Not just your \*\*grandma's\*\* pot-brownie any more




4



5

## Basic Information

### Marijuana

 <p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Newly* popular concentrates</b></p> <ul style="list-style-type: none"> <li>Shatter, Wax, Budder, Crumble</li> <li>THC "extract"</li> <li>Shatter – Amber/Glass-like</li> <li>Wax/Budder – Soft Solid</li> </ul>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Vaping</b></p> <ul style="list-style-type: none"> <li>Wide range of shapes, sizes, designs</li> <li>Can be used with liquid, butter, or "dry herb"</li> <li>Lower odor</li> </ul>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Dab</b></p> <ul style="list-style-type: none"> <li>Inhaling concentrated cannabis</li> <li>Not the dance</li> <li>Dab rigs</li> <li>Dab pens</li> </ul>
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6

# Basic Information

## Marijuana Concentrates


 Honeycomb/Crumble	 THC-A Diamonds in Live Resin Sauce	 Sugar	 Shatter/BHO
 THCA / Diamonds	 Badder/Budder	 Sauce	 Hash

7

# Basic Information

## What is CBD vs. THC?

- ◆ Cannabidiol (CBD):
  - Many forms, oil is most popular
  - Touted as “non-intoxicating/non-psychoactive”
  - Medical Uses



8

## Basic Information

### What is CBD? (continued)

- ◆ “Research CBD” vs “Commercial CBD”
  - Lots of claims from marketers, but lack of consistent oversight/quality Control
  - i.e., Does the product label ACCURATELY reflect nature/content of product? Were the levels accurately and reliably tested?
  - Who verifies the veracity?
  - May still contain THC

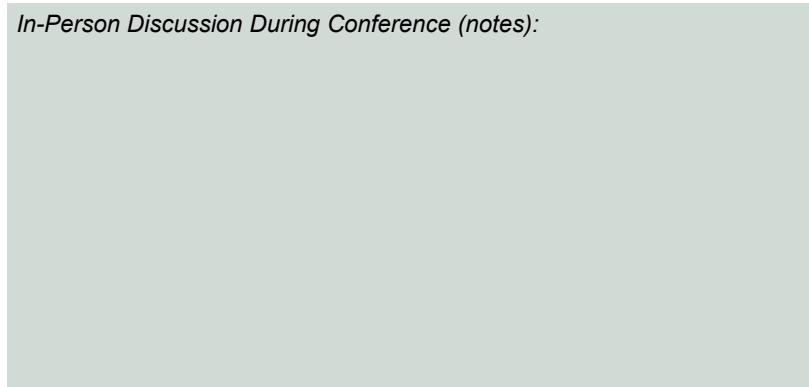
9

## Basic Information

### What is CBD? (continued)

- ◆ ***“Will a USDOT drug test find CBD?”***

*In-Person Discussion During Conference (notes):*



10

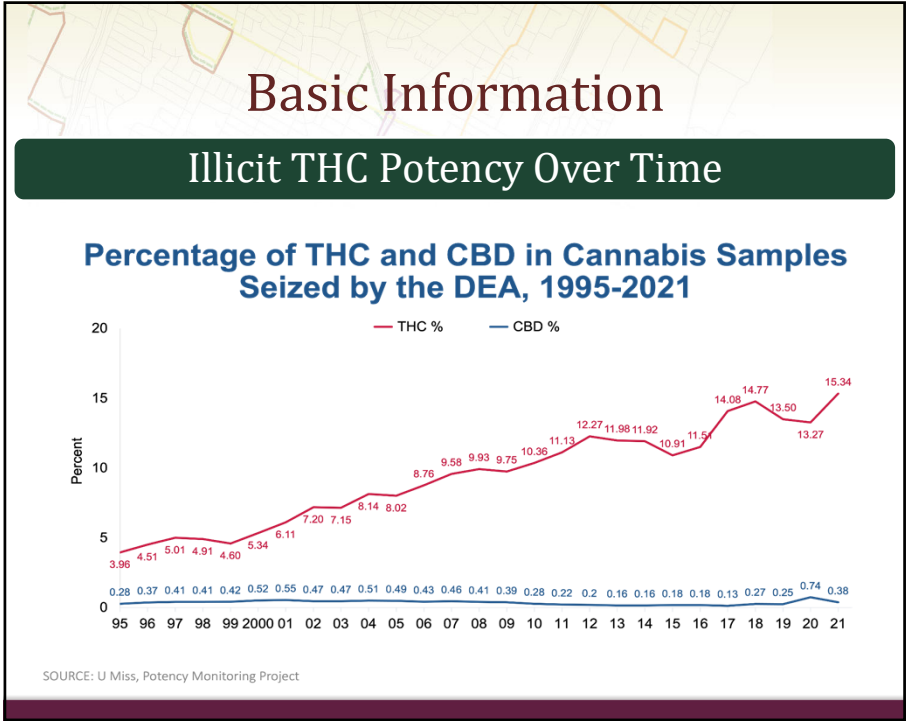
## Basic Information

### What is CBD? (continued)

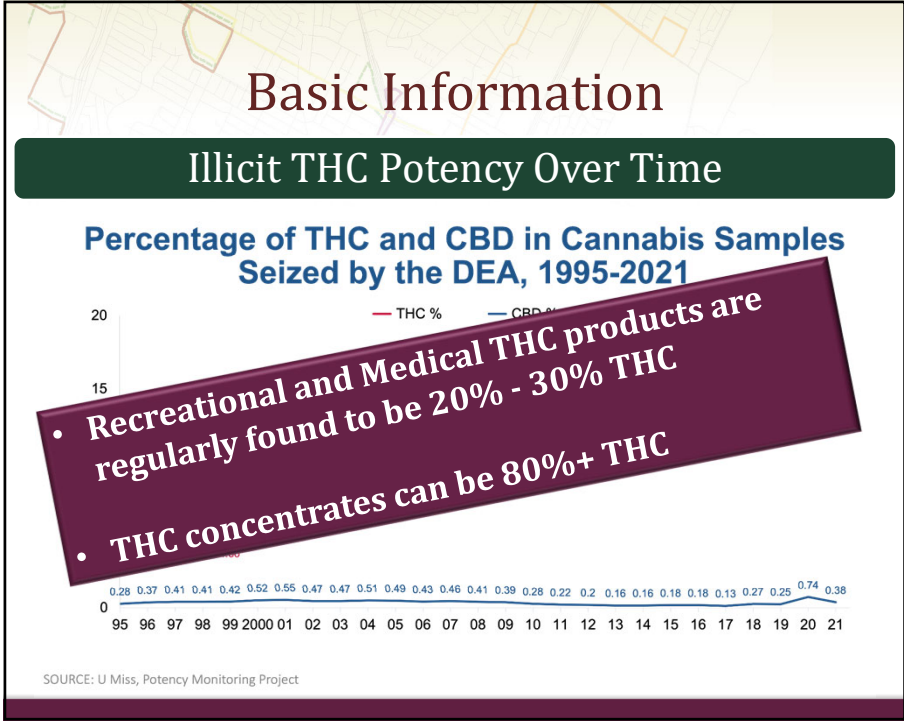
♦ So, *“If I use CBD, will I test positive for THC?”*

*In-Person Discussion During Conference (notes):*

11



12



13

## Basic Information

### THC Percentages in Commercial Product

#### THC Percentage Chart

Format	THC
Weed	10-30%
Shatter, Budder, Crumble	60-80%
Live Resin	65-95%
Live Rosin Vapes	65-90%
Distillate	85-90%
Edibles	5-10mg per serving*

\*Cannabis edibles are measured in milligrams of THC per serving as opposed to percentages. See below for more information.

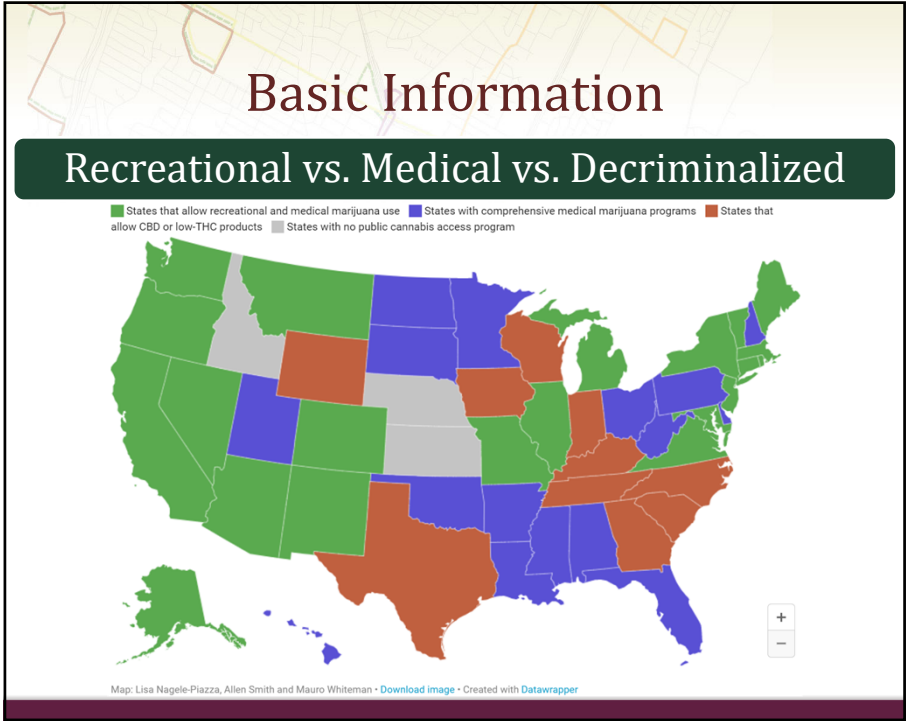
14

## Basic Information

### Recreational vs. Medical vs. Decriminalized

- ◆ What does “Recreational” Marijuana mean?
  
- ◆ What does “Medical” Marijuana mean?
  
- ◆ What does “Decriminalized” Marijuana mean?

15



16



## Trends

### November 2022 Elections (Recreational)



**Maryland**






**Missouri**

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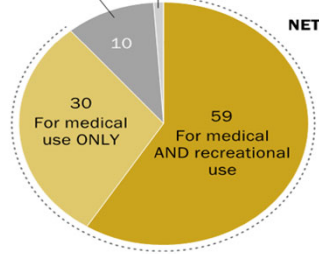



17

## Trends

### Public Opinion on Legalizing Marijuana

*% of U.S. adults who say marijuana ...*

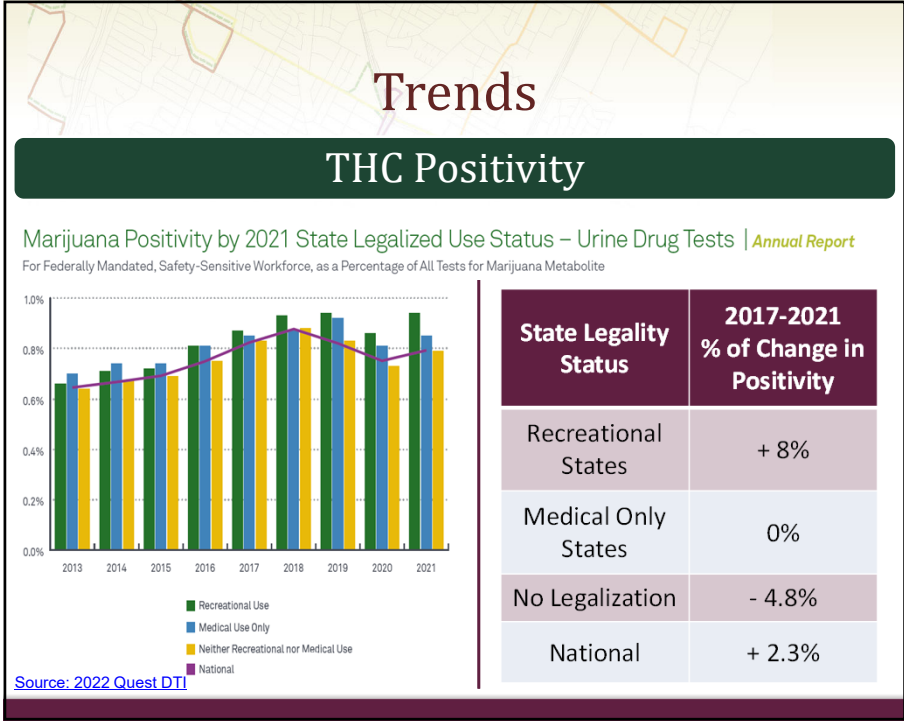


Opinion	Percentage
NET Should be legal	88
For medical AND recreational use	59
For medical use ONLY	30
Should NOT be legal	10
Refused	1

Pew Research Center Oct 2022: Survey of U.S. adults

Nearly 1/2 of Americans live in states where marijuana is legal

18



# Workplace Impact

## Workplace Impact

### Presence vs. Impairment

	ALCOHOL TEST	DRUG TEST
Presence	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Impairment	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

21

## Workplace Impact

### Presence vs. Impairment

- ◆ USDOT tests for presence of drugs, NOT IMPAIRMENT
  
- ◆ Employees have responsibility to avoid inadvertent ingestion (especially from edibles)

22

# Workplace Impact

## Federal vs. State

- ◆ USDOT isn't in complete control of its testing panel
- ◆ Rule change vs. Implementation
  - Process / Timeline

The diagram consists of a blue funnel shape. Inside the funnel, there are three colored circles: a green circle labeled 'HHS', a purple circle labeled 'DTAB', and a red circle labeled 'CONGRESS'. Below the narrow end of the funnel, a pink arrow points downwards towards the text 'DOT Update / Implementation'.

23

# Workplace Impact

## Federal vs. State

- ◆ THC is still Federally illegal... USDOT is a Federal test
- ◆ “Prescription” / medical recommendation for Marijuana (THC)
- ◆ “Safety-Sensitive”

24

## Workplace Impact

### Employer Policy Choices

- ◆ Zero Tolerance vs 2<sup>nd</sup> Chance
- ◆ THC positive tests

25

## Federal Resources

### USDOT-ODAPC Publications

- ◆ [DOT “Medical Marijuana” Notice](#)
- ◆ [DOT “Recreational Marijuana” Notice](#)
- ◆ [DOT “CBD” Notice](#)

26

## Federal Resources

### USDOT-FTA Publications

- ◆ FTA D&A Regulation Update Newsletter – [Issue #77](#)
  - *DOT Does Not Authorize The Use of Marijuana*
- ◆ FTA D&A Regulation Update Newsletter – [Issue #75](#)
  - *State/Local Legislation Prohibiting Testing for Marijuana*
  - *CBD is Not Regulated & May Generate THC Positive*
- ◆ FTA D&A Regulation Update Newsletter – [Issue #55](#)
  - *Rise in the use of Marijuana by Safety-Sensitive Employees*

27

## Federal Resources

### USDOT-FTA Publications

- ◆ FTA D&A Regulation Update Newsletter – [Issue #52](#)
  - *Keynote Speaker Swart Stresses DOT's Position on Medical Marijuana at National Conference*
- ◆ FTA D&A Regulation Update Newsletter – [Issue #51](#)
- ◆ FTA D&A Regulation Update Newsletter – [Issue #49](#)
  - *U.S. DOT's Stance on Medical Marijuana*


28



29

A slide with a map background. The title "FAQs &amp; Myth-busting" is at the top in a dark red serif font. Below it is a dark green rounded rectangle containing the sub-header "Passive Exposure" in white sans-serif font. A list item follows: "♦ “Can someone test positive for THC from secondhand smoke (aka Passive Exposure)?”". Below the list item is a grey rectangular box with the text "In-Person Discussion During Conference (notes):". A dark red horizontal bar is at the bottom.

30

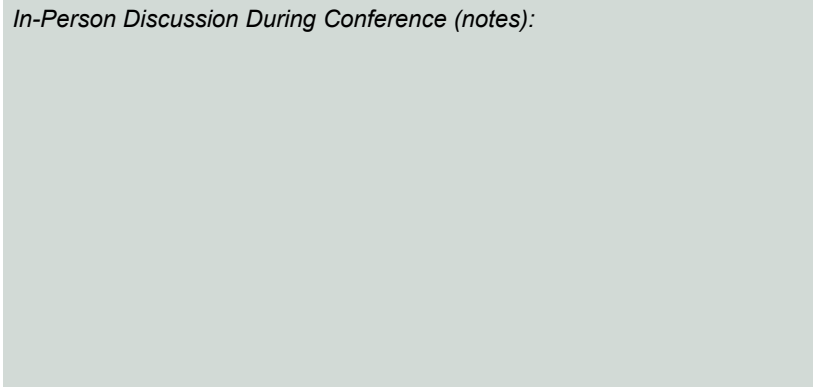


# FAQs & Myth-busting

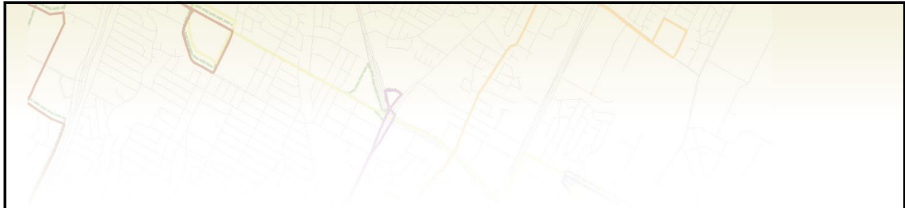
## CBD

- ◆ “As a transit employee, can I use CBD products?”

*In-Person Discussion During Conference (notes):*



31



# Employee Education

32



## Workplace Training

### Employer Policies and Employee Education

- ◆ Make sure your training is covering:
  - State Marijuana laws' impact on USDOT testing programs
  - THC vs CBD
    - Federal, State, Employer, Personal Health
  - Drug testing: Impairment vs. Presence
  - Passive Exposure
  - Passenger Trips/Possession on Transit Vehicles

33

## Workplace Training

### Employer Policies and Employee Education

- ◆ Enhance your Reasonable Suspicion Training
  - Don't just do it for the "check in the box"
  - Seek new training for refresher classes
  - Focus on "fitness for duty" & safety issues
    - New Marijuana Laws

34

## Questions/Follow-Up

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