

**THC** ↑

**Marijuana today is different.**

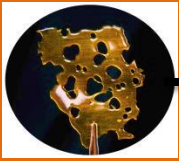
Potency in 60's / 70s = 1 – 2%.

Now = 14 – 30 % THC in smoked form and 96 % in concentrates (dabs).



**There is no difference between marijuana and cannabis.**

Marijuana is slang and is most often used to describe the drug. Cannabis is the name of the plant that the drug comes from.



**Dabs / BHO (butane hash oil) / Wax / Shatter / Honey Oil**

A very potent marijuana concentrate made by dissolving the plant in a solvent, usually in a dangerous process using butane. There are over 9,000 videos online showing how to complete this process



**Vape pens and JUULS**

An increasingly popular method to smoke Dabs / BHO because they emit no smoke and no odor and can be used without detection.



**Edibles**

Growing in popularity as a way to consume the drug.

Almost any food product can be infused with marijuana and eaten.



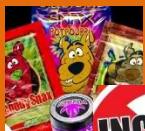
**Edible Overdose**

Because food is absorbed into the blood stream edibles take 1 – 3 hours to feel the effects of the drug compared to only minutes through smoking. Because of this, there is an increased chance of consuming larger amounts of the drug. Overdose symptoms from edibles are more severe than overdoses symptoms from smoking.



**Spice / Synthetics / K2**

Herbs & spices sprayed with a synthetic compound chemically made to mimic THC. No part of synthetics come from the cannabis plant. Synthetics can be smoked or added to food and drinks.



**Not For Human Consumption**

Marketed as incense so FDA can't regulate it, synthetics are dangerous because components can vary and be unknown, side effects: hallucinations, vomiting, rapid heart rate, heart attack, psychotic and violent behavior, renal failure, anxiety, tremors, seizures, loss of consciousness, high blood pressure, and death.

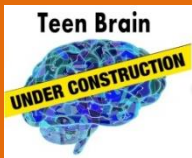


## Today's Marijuana is Addictive.

1 in 11 adults and 1 in 6 youth will become dependent with 1 in 3 developing problem use. Earlier use is linked to greater chance of dependence. Teens who use daily increase their chance of addiction to 50%.

## The Brain Develops Until Age 25

Because the teen brain is in a crucial stage of development, marijuana has a unique effect on the teen brain. These effects include: addiction, psychosis, panic, depression, anxiety, decrease in IQ & impaired learning, memory, and decreased math, and reading levels.



## Damage to The Heart

Marijuana can cause the heart rate to increase by 20 – 50 beats per minute. This increase can last for hours after use has stopped.



## Legal Use

To use recreationally, you have to be 21 years or older and can only use in a private residence. Where tobacco use is prohibited so is marijuana use. It is illegal to drive under the influence or with an open container, and it is illegal to sell marijuana unless through a licensed dispensary.



## If Adults Disapprove, Teens Less Likely To Use

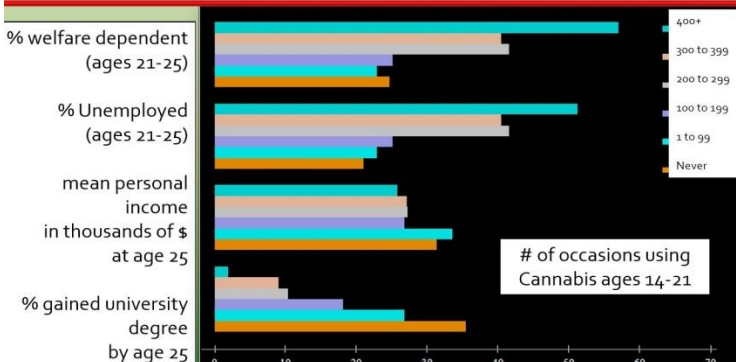
Parents who talk about marijuana use being wrong have teens that are 4xs less likely to use. Youth who think adults in their community think marijuana use is wrong are 3xs less likely to use.



Teens who use lower their academic performance, increase truancy and drop out, are more likely to not graduate, and lessen the chance of finding employment later in life.

Marijuana use while driving makes a crash 2xs as likely & causes impaired ability to estimate time and distance, slower reaction times, lack of coordination and perception.

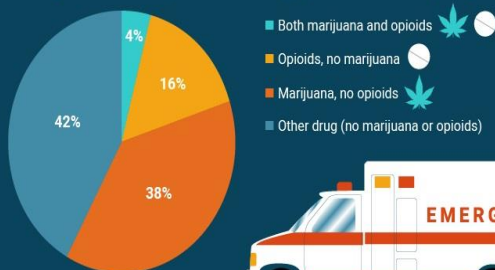
### Cannabis Use and Later Life Outcomes Are Dose Dependent



Source: Fergusson and Boden. *Addiction*, 103, pp. 969-976, 2008.

### Drug-Impaired Driving

#### Marijuana and opioids in drug-positive fatally-injured drivers, FARS 2016



Source: NHTSA FARS

