

Marijuana

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Addiction Studies 2

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Cannabís

- Ranked is the fifth most valuable crop in the U.S
- \$60 billion is spent each year on the plant
- 18 states including Mariana Island and D.C legalize recreational use
- 1990's 4% of THC, 2018 15%

History of Marijuana

- Originated in Asia, discovered around 500 B.C
- Hemp fibers used to make clothes, paper, rope
- Political and racial factors in the 20th century led to criminalization of marijuana in the U.S
- 1600's farmer were required to grow hemp in Virginia, Massachusetts and Connecticut
- Early hemp plants were low in THC

History of Marijuana

- 1830's Irish doctor found cannabis extracts helped lessen stomach pain and vomiting in cholera patients
- Late 1830's cannabis extracts were sold in pharmacies throughout Europe and the U.S. to treat stomach problems and other ailments
- 1900 marijuana was cultivated and used in the U.S. Marijuana
- Tax Act of 1937 was the first federal U.S. law to criminalize marijuana nationwide

Marihuana Tax Act of 1937

- Stopped only the use of the plant as a recreational drug
- Hemp was still used until the anti-dope legislation
- Research and medical testing disappeared
- In 1970, marijuana was classified and restricted similar to narcotics

Types of Marijuana



Sativa



Hybrid



Indica



Ruderalis

Medical Use

• Pros

- Nausea: Studies have shown that cannabis can decrease nausea caused by chemotherapy and can eliminate vomiting.
- Muscle relaxant: Relieve the muscle tightness that is sometimes associated with multiple sclerosis and paralysis.
- Appetite: Can help eat appetite loss associated with conditions like HIV/AIDS and certain types of cancers.
- Chronic pain: Can relieve certain types of chronic pain, including neuropathic pain, which is caused by nerve damage.

• Cons

- Memory: Frequent use can seriously affect your short-term memory.
- Cognition: Frequent use can impair your cognitive abilities.
- Lung damage: Smoking anything, whether it's tobacco or marijuana, can damage your lung tissue. Can increase the risk of lung cancer.
- Potential for abuse: Marijuana carries a risk of abuse and addiction.
- Accidents: Impairs driving skills and increases the risk for car collisions.
- Illegal: Marijuana is illegal under federal law. Schedule I drug. This classification says that the substances have no currently accepted medicinal value.

Sinsemilla

- “Without Seed”
- Female plant grow without seeds
- Seed in buds are considered low grade marijuana
- What historical theme does this belong to?

Fun Facts

- Tetrahydrocannabinoid (THC)- Main psychoactive ingredient in marijuana (causes the “high”)
- Cannabidiol (CBD)- second most preventable active ingredient in marijuana (does not cause the “high”)
- Cannabinoids- naturally occurring compounds found in the cannabis
- Marijuana and cannabis are not interchangeable
 - Cannabis- All products derived from the plant
 - Marijuana- parts of or products from the plant that contain THC
- Hemp- cannabis plant that contains less than 0.3% of THC

California and Marijuana

- Compassionate Act 1996- medical use of marijuana
- Six years since the pass of prop. 64 passed with 57% approval
- Took effect on Jan. 1, 2017
- Regulations are strict
- Legitimate business are taxed up to 30%
- Some business illegally operate in California

Department of Cannabis Control

- DCC was created on July 1, 2021, by consolidating the three former state cannabis authorities:
 - Bureau of Cannabis Control (Department of Consumer Affairs)
 - CalCannabis Cultivation Licensing Division (California Department of Food and Agriculture)
 - Manufactured Cannabis Safety Branch (California Department of Public Health)
- Regulate the business in California



**Department of
Cannabis Control**
CALIFORNIA

- Businesses operate safely
- Products are contaminant-free and labeled to inform purchasers
- Cannabis is kept away from children

Addiction and Treatment

- Insurance does not cover marijuana addiction as a primary diagnosis
- Similar symptoms as other drugs, binds to the endocannabinoid neurotransmitter
- Research suggest smaller number of people become addicted 1:6
- Researchers do not yet know the full extent of the consequences when the body and brain (especially the developing brain) are exposed to high concentrations of THC
- Potency of THC is changing

Next Week: May 2

- Other addictions
 - Inhalants, steroids
 - Behaviors
- May 9: Drug Use and Prevention
- May 16: Treatment
- May 23: Mental Health and Drugs
 - **REVIEW FINAL**