

# Illinois Association of Behavioral Health

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## 2024 Fall Conference

September 3<sup>rd</sup> - 5<sup>th</sup>, 2024

Hilton Chicago/Oak Brook Hills  
Resort and Conference Center

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# Presentation

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Thursday – September 5, 2024

9:45 A.M. to 10:45 A.M.

***“Understanding the  
Psychiatric & Psychological  
Consequences of the  
‘New’ Marijuana”***

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# Joseph E. Troiani, Ph.D., CADC

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**Associate Professor of Clinical Psychology**  
**Founding Director of Military Psychology @ Adler**  
**Prior Coordinator Substance Abuse Program**  
**Adler University**

**Advisor/Consultant**  
**Riverside Township Mental Health 708 Board**

**President, Board of Directors**  
**Illinois Certification Board, Inc.**

**Vice President, Board of Directors**  
**Mental Health America of Illinois**

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# Program Description

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**With the passage of legislation by the State of Illinois the drug of marijuana is now available to adults for its recreational use. This makes Illinois the 11<sup>th</sup> state to legalize its use as a recreational drug. There are those proponents who have aggressively advocated for legalization and those who are concerned about the consequences. On the political spectrum, the issue of legalization for recreational use is divisive. Looking at those concerns expressed, this presentation will review and synopsise the public health and public safety impact of marijuana in those ten states that have legalized the drug. There is also a growing body of literature that discusses the bio-psycho-social consequences to the use of high grade grown marijuana which will be included in the presentation.**

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# Program Goals/Objectives

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- ✦ Discuss the passage of the Illinois legislation which has legalized the production, sale, and use of recreational marijuana.
  - ✦ Examine the experience of the states that have legalized it's use.
  - ✦ Synopsise both the public health and public safety concerns.
  - ✦ Assess the growing body of literature that discusses the bio-psycho-social consequences to the use of high grade grown marijuana.
  - ✦ Discuss what behavioral health providers must do to address the consequences of marijuana use.
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# Origin...

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- ✿ From the cannabis plant that is grown in the United States, along with Central and South America.
- ✿ Marijuana is a Spanish term that translates to “hemp” in English.





# Forms of Use...

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✿ **Leaves and Buds**

✿ **Hash**

✿ **Hash Oil**



# How It's Used...

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- ✦ Joint (cigarettes)
- ✦ Blunts (cigars)
- ✦ Pipe
- ✦ Water Pipes (bongs)
- ✦ Hookahs
- ✦ Food Stuffs
- ✦ E-Cigarette (vapors)

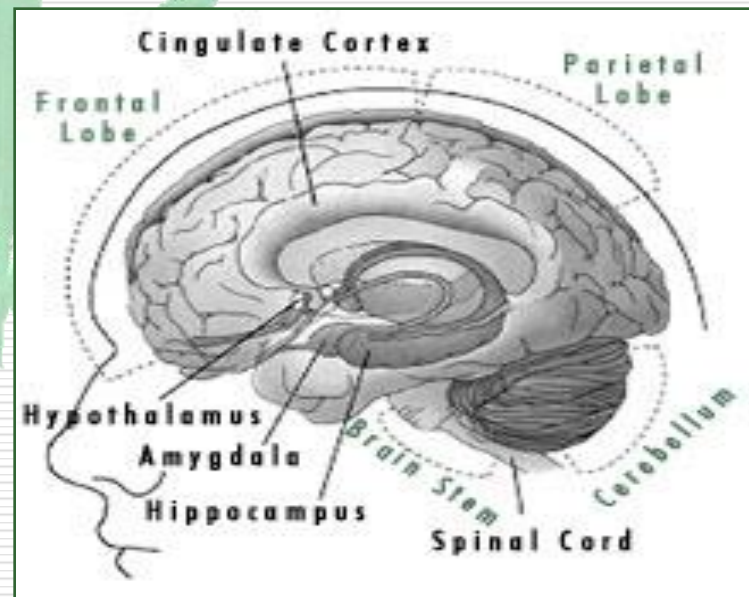




# How It Works...

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- ✿ Marijuana Contains Delta-9-Tetrahydrocannabinol (THC), a Psychoactive (Mind-Changing) Drug.



# THC Concentrations

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- ✦ Historically most ordinary marijuana has an average of 3% THC.
  - ✦ Sinsemilla (made from the buds and flowering tops) has an average of 7.5%, with a range as high as 24%.
  - ✦ Hashish (resin from female flowers) has an average of 3.6%, with a range as high as 28%.
  - ✦ Hash Oil (the tar-like liquid distilled from hashish) has an average of 16%, with a range as high as 43%.
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# Other Ingredients

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- ✿ **Marijuana Also Contains 421 Different Chemical Compounds.**
- ✿ **Sold Street Marijuana Contains Other Psychoactive Drugs.**



# Marijuana Users Face Risk...

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A** It is reported that Marijuana is report to be contaminated with the following:

**Arsenic**

**Lead**

**Mold**

**Which can cause serious, even life threatening illness.**

**M** Despite Legalization, Marijuana Users Face Risk  
By Stephania Armour of the Wall Street Journal

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# Street Marijuana Today is Mixed With...



**Fentanyl**  
**PCP**  
**Cocaine**  
**Embalming Fluid**  
**Formaldehyde**



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**Street Trends...**

**Mixture of Marijuana & Drugs**

**Wicky Sticks**

**Wacky**

**Crazy Eddie**

**Amp**

**Wet Daddy**

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# Myths about the Effects

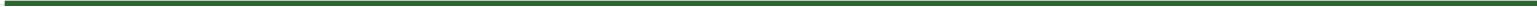
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✿ **It Has Been Believed That Marijuana Makes People More Creative and Social**

✿ **Reality:**

- ✿ **Blunts Emotions**
- ✿ **Users Withdrawn**
- ✿ **Creates Paranoia**



# Common Subjective Effects of Marijuana Intoxication

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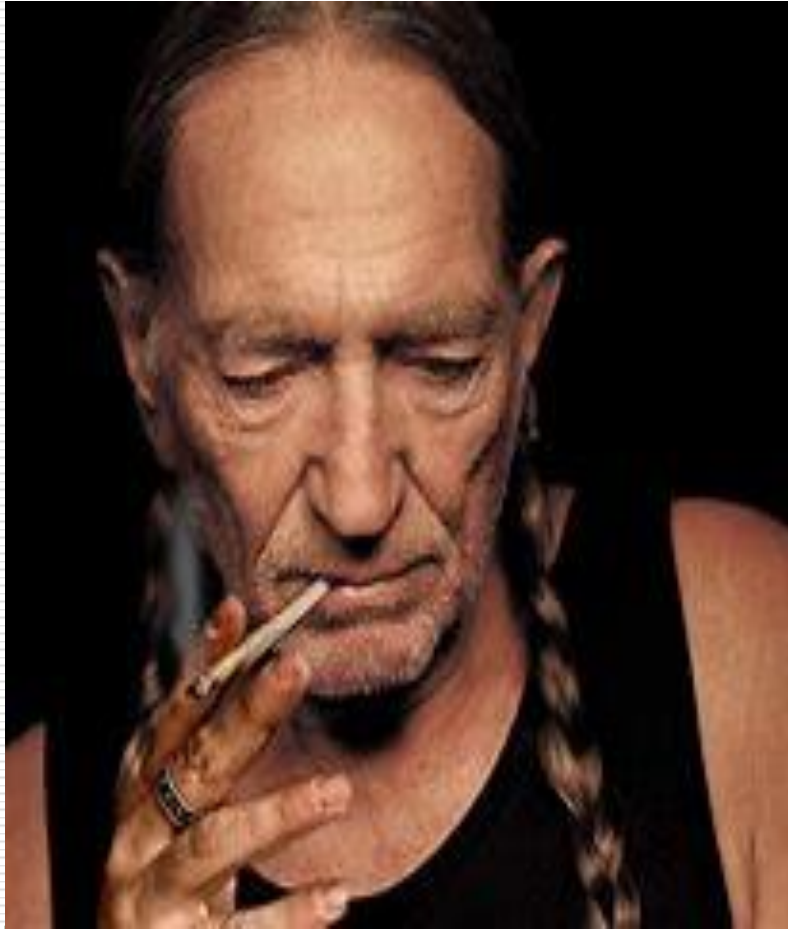
- ✦ Relaxed
- ✦ Euphoria
- ✦ Dry (“cotton”) mouth
- ✦ Colors look more vibrant
- ✦ Touch/sensations enhanced
- ✦ Metaphysical thoughts/euphoric
- ✦ Time distortion (sense that time slows down)
- ✦ Food tastes/cravings enhanced (“munchies”)
- ✦ Bouts of spontaneous laughter- common events seem funny.
- ✦ Memory impairment (especially short term)



# Marijuana Users...

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M A R I J U A N A



# Illicit Economic Market

M A R I J U A N A

- ✿ Number one cash crop in California.
- ✿ Number three cash crop in the United States.
- ✿ Represents Significant Untaxed Dollars





# Medical Marijuana...

M A R I J U A N A



**BRAIN**

- Antipsychotic
- Anti-Depressant
- Anti-Anxiety
- Anti-Seizure
- Antioxidant
- Neuroprotective
- Slows/Prevents Alzheimer's
- Treats ADD & ADHD
- Helps with Tourette's & OCD
- Pain Relief including PMS, Migraines, Fibromyalgia, & more

**EYES**

- Vasorelaxant for glaucoma

**LUNGS**

- Reverse carcinogenic effects of tobacco & improve lung health

**HEART**

- Anti-Inflammatory
- Prevents plaque buildup in arteries
- Arteriosclerosis Therapy

**INTESTINES**

- Slows/Kills Colon Cancer
- Treats Crohn's disease
- Anti-prokinetic (digestive aid)

**STOMACH**

- Anti-emetic (vomiting & nausea)
- Appetite control

**LEGS**

- Muscle Relaxation
- Stimulates new bone growth and strengthens bones affected by osteoporosis

**MEDICAL MARIJUANA**

WeedMemes.com

# Recreational Marijuana...

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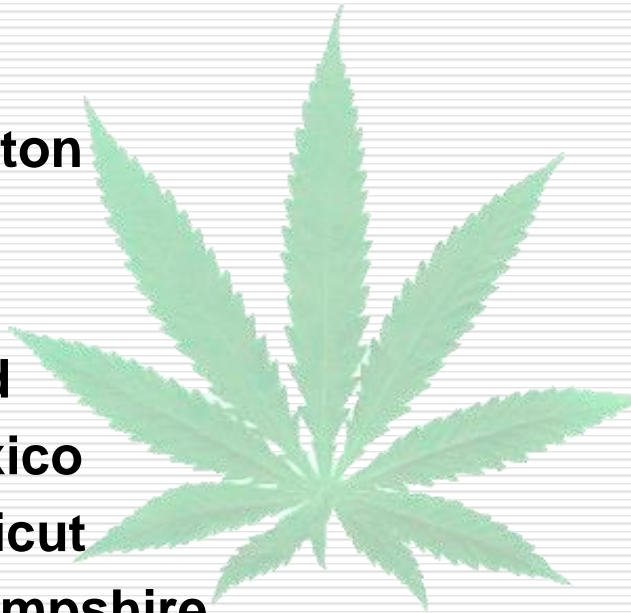


# 11<sup>th</sup> State to legalize Marijuana

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- ✱ #1. California
- ✱ #2. Oregon
- ✱ #3. Alaska
- ✱ #4. Washington
- ✱ #5. Nevada
- ✱ #6. Maine
- ✱ #7. Maryland
- ✱ #8. New Mexico
- ✱ #9. Connecticut
- ✱ #10. New Hampshire
- ✱ #11. Illinois





# State Senator Toi Hutchinson

## Cannabis Regulation Oversight Officer

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- ✦ One of the chief legislative sponsors of Illinois' recreational marijuana law.
- ✦ Governor J.B. Pritzker appointed her to oversee the rollout of the program.
- ✦ \$220,000 a year salary for coordinating efforts among a half-dozen state agencies that have a hand in regulating the recreational marijuana industry.
- ✦ As a lawmaker she has received \$10,000 in campaign contributions from the marijuana industry. The money came from Progressive Treatment Solutions, which has close ties with the Cannabis Business Association of Illinois, and Ghost Management (California).



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Chicago Tribune [Pritzker chooses Hutchinson to Oversee pot rollout](#)  
Dan Petrella and Jamie Munks

# Source of State Tax Revenue...

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For State Fiscal Year 2023 (July 1, 2022 to June 30, 2023) the following tax revenue was generated:

- **Cigarettes - \$781 Million in Taxes**
- **Cannabis - \$456 Million Taxes on \$1.2 Billion in Sales**  
(For the first-time cannabis sales have surpassed liquor sales)
- **Alcohol - \$316 Million in Taxes**

[2023 Annual Cannabis Report](#)

[Illinois Department of Public Health](#)

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# Medical Marijuana Laws in Illinois...

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- ✦ State Opioid Helpline reports that marijuana is the third most called about primary drug.
- ✦ 2013 Medical marijuana was legalized.
- ✦ Fifty-one (51) approved medical conditions (September 2019)
- ✦ Forty-six thousand (46,000) Statewide Patients (October 2018)
- ✦ Allowed up to 68 grams (2.5 ounces) every 14 days which can be anywhere from 70 to 140 joints.
- ✦ Annual Illinois retail sales of \$221 million in 2018.

DuPage County Health Department

Marijuana Policy Issues (September 19, 2019)

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# Marijuana and Veterans...

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- ✦ At this time Veteran Administration Hospital and clinic doctors cannot provide or recommend medical marijuana for veterans as the federal status for cannabis remains a Schedule 1 substance, making the drug illegal in the federal government's eyes.

## Understanding Medical Marijuana's Uses for Veterans - DAV

- ✦ [www.dav.org/get-help-now/veteran-topics-resources/medical-cannabis/](http://www.dav.org/get-help-now/veteran-topics-resources/medical-cannabis/)
  - ✦ [www.dav.org/get-help-now/veteran-topics-resources/medical-cannabis/](http://www.dav.org/get-help-now/veteran-topics-resources/medical-cannabis/)
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# Marijuana and Veterans...

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1. **VA Benefits:** Despite its classification, veterans will not be denied VA benefits due to marijuana use. The Department of Veterans Affairs (VA) recognizes that state laws may differ, but federal law takes precedence.
  2. **VA Health Care Providers:** VA health care providers cannot recommend or assist veterans in obtaining marijuana. However, they can discuss marijuana use with veterans as part of comprehensive care planning. This information is recorded in the veteran's confidential medical record.
  3. **Prescriptions and Approvals:** VA clinicians may only prescribe medications approved by the U.S. Food and Drug Administration (FDA). Most products containing tetrahydrocannabinol (THC), cannabidiol (CBD), or other cannabinoids are not FDA-approved for medical use.
  4. **State Programs:** Veteran participation in state marijuana programs does not affect eligibility for VA care and services.
  5. **Research and Grounds:** VA scientists may conduct research on marijuana benefits, risks, and potential for abuse. However, the use or possession of marijuana is prohibited at all VA medical centers and grounds.
  6. When on VA grounds, federal law applies, not state laws. **[Veterans who are VA employees are subject to drug testing under the terms of employment](#)**
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# Epidemiology of Cannabis Use and Cannabis Use Disorder (CUD) Among Veterans...

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- ✦ Cannabis use in the general population has increased over the past decade. From 2013 to 2018, the number of Americans over the age of 12 reporting past month cannabis use rose from 19.8 million to 27.7 million. Likewise, daily use has increased 60% in the prior decade.
  - ✦ Cannabis use among U.S. military Veterans has also increased. In 2014, 9% of Veterans in the U.S. reported using cannabis in the past year. In 2019-2020, the prevalence of past-6-month cannabis use among Veterans was 11.9%, and was over 20% among Veterans aged 18-44.
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# Cannabis Use and PTSD Among Veterans

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- ✦ Cannabis use for medical conditions is an issue of growing interest and concern. Some Veterans use cannabis to relieve symptoms of PTSD and several states specifically approve the use of medical cannabis for PTSD. However, research to date does not support cannabis as an effective PTSD treatment, and some studies suggest cannabis can be harmful, particularly when used for long periods of time. Given these concerns, cannabis is not recommended for the treatment of PTSD

Melanie Hill, PhD, Mallory Loflin, PhD, Kendall Browne, PhD, & Sonya D. Norman, PhD  
PTSD National Center for PTSD  
U.S. Department of Veterans Affairs

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# References on Veterans and Marijuana...

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1. Davis, A. K., Lin, L. A., Ilgen, M. A., & Bohnert, K. M. (2018). Recent cannabis use among Veterans in the United States: Results from a national sample. *Addictive Behaviors*, 76, 223-228. <https://doi.org/10.1016/j.addbeh.2017.08.010>
  2. Hill, M. L., Loflin, M., Nichter, B., Norman, S. B., & Pietrzak, R. H. (2021). Prevalence of cannabis use, disorder, and medical card possession in U.S. military Veterans: Results from the 2019-2020 National Health and Resilience in Veterans Study. *Addictive Behaviors*, 120, 106963. <https://doi.org/10.1016/j.addbeh.202110696>
  3. Cogle, J. R., Bonn-Miller, M. O., Vujanovic, A. A., Zvolensky, M. J., & Hawkins, K. A. (2011). Posttraumatic stress disorder and cannabis use in a nationally representative sample. *Psychology of Addictive Behaviors*, 25, 554-558. <https://doi.org/10.1037/a0023076>
  4. Hill, M. L., Nichter, B. M., Norman, S. B., Loflin, M., & Pietrzak, R. H. (2021). Burden of cannabis use and disorder in US Veteran population: Psychiatric comorbidity, suicidality, and service utilization. *Journal of Affective Disorders*, 278, 528-535. <https://doi.org/10.1016/j.jad.2020.09.099>
  5. Hill, M. L., Nichter, B., Loflin, M., Norman, S. B., & Pietrzak. (2021). Comparative associations of problematic alcohol and cannabis use with suicidal behavior in US military Veterans: A population-based study. *Journal of Psychiatric Research*, 135, 135-142. <https://doi.org/10.1016/j.jpsychires.2021.01.004>
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**THE HEALTH AND CLINICAL  
IMPLICATIONS FOR  
INCREASED MARIJUANA USE**

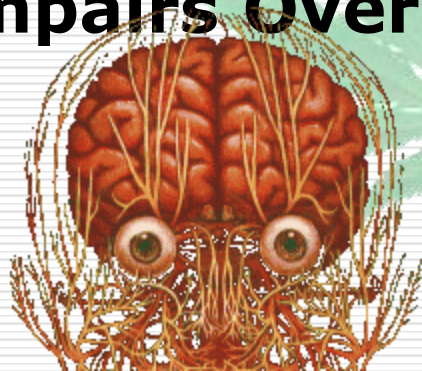
**An Emerging Public Health Crisis  
of Legal Marijuana**

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# Myth: Marijuana Is Safe

## ✿ Reality:

- ✿ **Linked to Many Medical Problems**
- ✿ **Loss of Brain Functioning**
- ✿ **Impairs Overall Behavior**



# Cannabis Continues to Get Stronger Since Legalization...

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- ✳ According to the National Institute on Drug Abuse (NIDA) the average strength of pot doubled from about 8% in the 1990s to 16% in 2013.
- ✳ Colorado reported that the average amount of THC in legal marijuana rose from 16% in 2016 to 20% in 2017.
- ✳ The products generating the most concern are concentrates - in which THC content can exceed 80%.

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**New Understanding of the Neurological  
& Pharmacology Impact:**

***“Some researchers believe that  
marijuana should now be  
considered physically addictive  
because of its effect on the  
pleasure centers of the brain.”***

**Prevention Forum  
Fall 1998**

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# Drug Enforcement Agency

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*“Federal officials are at odds over President Biden’s push to loosen restrictions on Marijuana, a move some in the White House see ahead of an election in which he needs the support of younger voters.”*

*“The DEA states that the drug’s medicinal benefits remain unproven and that it has a high potential for abuse.”*

*DEA Pushes Back Over Liberalizing Marijuana Laws*

Wall Street Journal (March 11, 2024)

Sadia Gurman

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# New England Journal of Medicine

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- ✿ An article last month in the New England Journal of Medicine, Cannabis-Related Disorders and Toxic Effects, details the myriad risk of marijuana use, including mental illness and cognitive difficulties. As more states have legalize marijuana, more young people are using the drug and more frequently experiencing such problems.

Marijuana Is More Dangerous Than Biden's HHS Lets On

LIFE SCIENCE

Allysia Finley

January 22, 2024

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# Monitor on Psychology

(October 2023)

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## Psychiatric Disorders Tied to Teen Cannabis Use

According to a study in the Journal of the American Medical Association - JAMA Network Open...

- Teens who use cannabis recreationally are 2 to 4 times more likely to develop psychiatric disorders, such as depression and suicidality, than teens who don't use cannabis at all.
  - Sample of 68,263 adolescents in the United States ages 12 to 17 years old.
  - 1 in 10 were casual cannabis users.
  - 1 in 40 met the criteria for cannabis addiction.
  - Casual users were 2 to 2.5 times more likely to have adverse mental health outcomes.
  - Teens addicted to cannabis were 3.5 to 4.5 times more likely to also have adverse mental health outcomes.
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# Continue...

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**Adverse mental health comes and behavioral problems:**

- **Anxiety**
  - **Major Depression**
  - **Suicidal Ideation**
  - **Aggression**
  - **Low School Grades**
  - **Difficulty Concentrating**
  - **Fighting**
  - **Engagement with Law Enforcement**
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# Usage Linked to Psychosis...

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- ✦ The link between THC potency and psychosis has generated increase concern among psychiatrists and researchers.
- ✦ Multiple studies have shown a persistent link associated between marijuana use and psychosis, including schizophrenia, with symptoms such as paranoia and hallucinations.
- ✦ The British medical journal Lancet found that daily cannabis use was associated with first episodes of a psychotic disorder.
- ✦ A 2018 study in the Netherlands found that when potency went up more people sought drug treatment.
- ✦ A Yale University comprehensive review reported that “cannabis may be a component cause in the emergence of psychosis, and this warrants serious consideration from the point of view of public health policy.
- ✦ The Illinois State Medical Society is calling for per-serving limits on THC, strong warning labels, and a ban on claims of health benefits.

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Chicago Tribune, [Marijuana gets increased scrutiny after link to psychosis](#), Robert McCoppin, (July 7, 2019)



# Continued...

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The Illinois Medical Society President Paul Pedersen said that he's heard from psychiatrists in the state reporting:

***“That there has been a noticeable increase of youths coming into emergency departments with acute psychosis from marijuana in the past few years.”***

Chicago Tribune, [Marijuana gets increased scrutiny after link to psychosis](#), Robert McCoppin, (July 7, 2019)

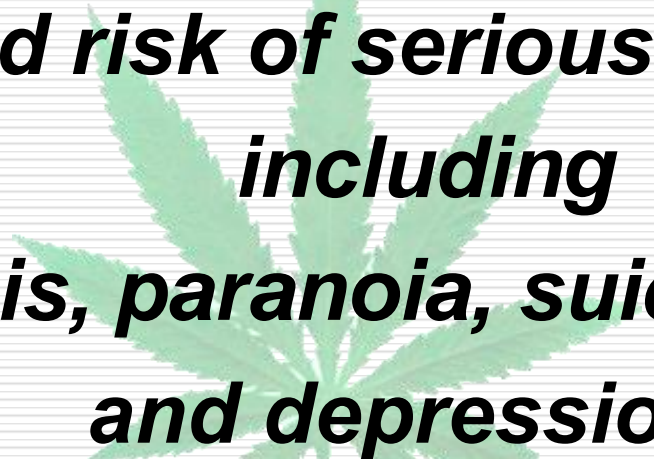
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# Continued...

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In Massachusetts, which recently legalized cannabis, a group of doctors and scientists recently called for strict THC potency limits and warnings on packages to include:

***“Increased risk of serious mental illness including psychosis, paranoia, suicidal thoughts and depression”***



Chicago Tribune, [Marijuana gets increased scrutiny after link to psychosis](#), Robert McCoppin, (July 7, 2019)

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# Continued...

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Paul Armentano, the Deputy Director for the advocacy group NORML, acknowledge in an email that:

***“Marijuana use carries risk particularly for young people and those with a family history of mental illness”***



Chicago Tribune, [Marijuana gets increased scrutiny after link to psychosis](#), Robert McCoppin, (July 7, 2019)

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# PSYCHIATRIC TIMES

(January 5, 2022)

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**Is Cannabis Use Increasing Schizophrenia?**  
**Is cannabis' effects on Schizophrenia being**  
**downplayed?**

by

**E. Fuller Torrey, M.D.**

***"An increasing incidence of Schizophrenia,  
or psychosis in general,  
has been reported in  
England, Switzerland, and Canada,  
especially among young people"***

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# Modern Psychiatry

(May 2018)

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## Cannabis use and risk of schizophrenia: a Mendelian randomization study

*"This adds to the substantial evidence base that previously identified cannabis use to associate with increased risk of schizophrenia, by suggesting that the relationship is causal. Such robust evidence may inform public health messages about cannabis use, especially regarding its potential mental health consequences."*

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# Health Impacts of Cannabis

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## U.S. Surgeon General's Advisory: Marijuana Use and the Developing Brain:

- ✿ Some state's laws on marijuana have changed, but the science has not and federal law has not.
  - ✿ Marijuana is an addictive drug.
  - ✿ Between 2002 and 2017, marijuana use doubled in the last month among pregnant women.
-

# U.S. Surgeon General's Advisory...

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- ✿ In 2017, more than 9 million youth reported marijuana use in the prior month.
- ✿ The science indicates the higher the THC concentration, the higher the risk.
- ✿ No amount of marijuana use during pregnancy or adolescence is known to be safe.

<https://www.hhs.gov/surgengeneral/reports-and-publications/addiction-and-substance-misuse/advisory-on-marijuana-use-and-developing-brain/index.html>

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# Center for Disease Control (CDC)

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## Health Impacts of Cannabis:

- ✦ Difficulty, thinking, making decisions and solving problems.
  - ✦ Distorted Perceptions
  - ✦ Impaired Balance and Coordination
  - ✦ Problems with Learning and Memory
  - ✦ Irregular Heart Rhythms
  - ✦ Respiratory Problems and Greater Risk of Lung Infections
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# Center for Disease Control...

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- ✱ Paranoia
- ✱ Acute Psychosis
- ✱ Hallucinations, Delusions, and Loss of Identity

Centers for Disease Control and Prevention.  
Marijuana and Public Health - Health Effects.

[www.cdc.gov/marijuana/health-effects.html](http://www.cdc.gov/marijuana/health-effects.html)

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# National Academies of Science, Engineering, and Medicine...

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## Health Impacts of Cannabis Report:

Concluded that there is moderate to substantial evidence of a statistical association between cannabis use and...

- Worse respiratory symptoms and more frequent bronchitis episodes.
  - Low birth weight.
  - Development of schizophrenia or other psychosis.
  - Increased motor vehicle crashes.
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# Health Impacts of Cannabis Report...

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- Increased risk of overdose injuries, including respiratory distress, among pediatric populations in U.S. States where cannabis is legal.
  - Impairment to learning, memory, and attention.
  - Increased symptoms in individuals diagnosed with bipolar disorders.
  - Increased suicidal thoughts and suicide attempts with a higher incidence among heavier users.
  - Increased Suicides
  - Increased incidence of social anxiety disorder.
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# Health Impacts of Cannabis Report...

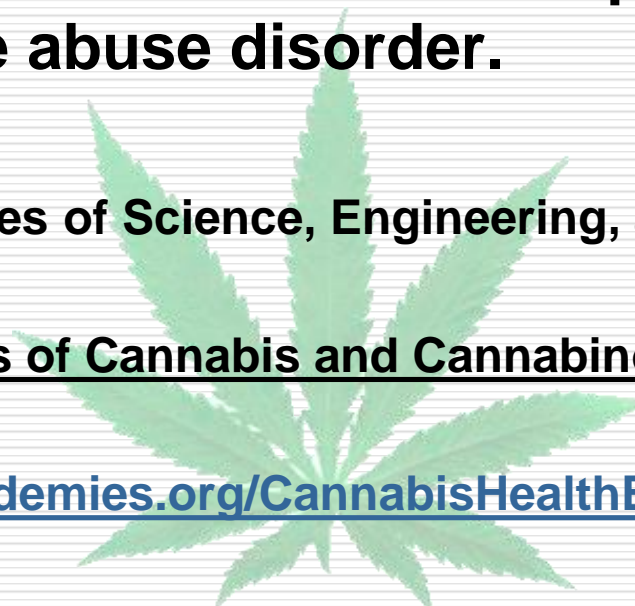
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- **Development of Substance dependence and/or substance abuse disorder.**

**National Academies of Science, Engineering, and Medicine (2017)**

**The Health Effects of Cannabis and Cannabinoids**

**[www.Nationalacademies.org/CannabisHealthEffects](http://www.Nationalacademies.org/CannabisHealthEffects)**



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# Effect of Cannabis as Opioid Alternative

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- ✳ **No evidence that cannabis reduced pain severity.**
  - ✳ **No evidence that cannabis reduced use of opioids.**
  - ✳ **Cannabis use appears to increase rather than decrease the risk of developing nonmedical prescription opioid use and opioid use disorder.**
-

# Effect of Cannabis as Opioid Alternative...

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- ✿ **The opioid crisis is worsening where cannabis has been legalized, despite fewer prescriptions.**

Effects of Cannabis use in people with chronic non-cancer pain prescribed opioids: findings from a 4-year prospective cohort study

Lancet Public Health 2018; 3: e341-50

Cannabis Use and Risk of Prescription Opioid Use in the United States

American Journal of Psychiatry in Advance (2017)

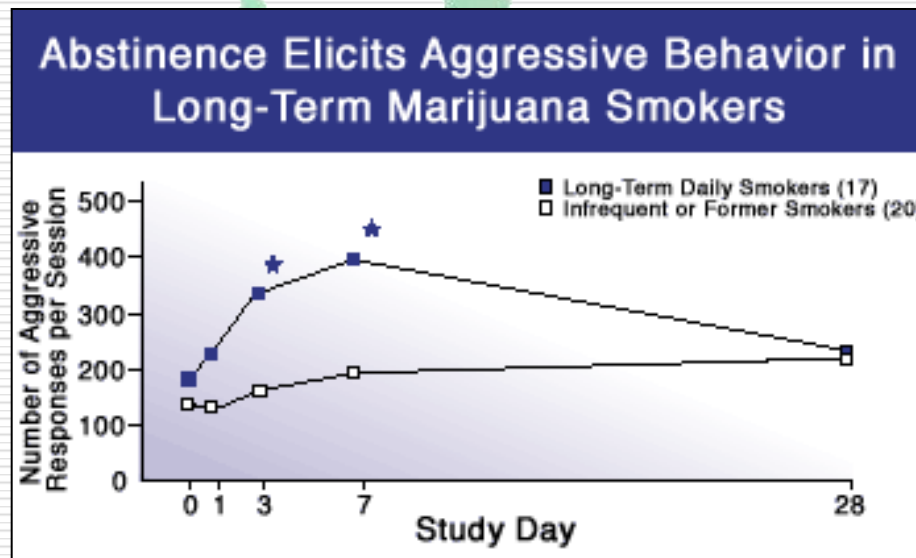
Opioid Death Rate Acceleration in Jurisdictions Legalizing Marijuana Use

JAMA Internal Medicine, September 2018, vol 178, No.9, P 1281

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# Myth: “It’s Not Addictive”

- ✿ Reality: Marijuana Causes Psychological Dependence and Physical Withdrawal Symptoms



*NIDA Notes: Marijuana Research, March 2000*

# Lessons Learned from Colorado

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Colorado's former U.S. Attorney Bob Troyer wrote an Opinion Piece for the Denver Post entitled: "Its time we took a breath from Marijuana Commercialization" (September 2018)

## Reported Findings:

- Colorado's youth use marijuana at a rate 85% higher than the national average.
  - Marijuana-related traffic fatalities are up by 151%.
  - Colorado has issued over 40 little-publicized recalls of retail marijuana laced with pesticides and mold.
  - Colorado's black market has actually exploded after commercialization: *"we have become a source state, a theater of operation for sophisticated international drug trafficking and money-laundering organizations from Cuba, China, Mexico, and elsewhere"*.
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# Lessons Learned...

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- ✦ Production is not more-controlled, as the legalizers promised.
  - ✦ Last year alone the regulated industry produced 6.4 metric tons of unaccounted-for marijuana.
  - ✦ 80,000 black market plants were found on Colorado's federal lands.
  - ✦ Colorado's alcohol consumption has steadily climbed since marijuana commercialization.
  - ✦ There are claims from the industry that marijuana will cure opioid addiction. The British Lancet study (July 2018) found that heavy marijuana users end up with more pain and are more likely to abuse opioids.
  - ✦ Former U.S. Attorney Bob Troyer is urging everyone to "Just Say Know". He further states that we should educate ourselves about the impact of commercialization and have a say on our health, safety, and environment.
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# Lessons Learned...

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- ✦ For every dollar in tax revenue Colorado gains from recreational marijuana purchases, an additional \$4.50 is being spent to combat public health and safety issues.

<https://www.denverpost.com/2018/09/28/colorado-marijuana-commercialization/>

The Legalization of Marijuana in Colorado

This Impact Volume 5

Rock Mountain High Intensity Drug Trafficking Area (September 2018)

<https://rmhidta.org/files/D@DF/FINAL-%205%20UPDATE%202018.pdf>

Economic and Social Costs of Legalized Marijuana (November 15, 2019)

Centennial Institute

Colorado Christian University

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# Lessons Learned...

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## **Colorado Marijuana Hospital Visits** **Percent increase in Marijuana Hospitalizations**

- ✳ **2009 (after medical marijuana legalized) by 46%**
- ✳ **2013 (after commercialization of medical marijuana) by 150%**
- ✳ **2015 (after retail marijuana legalized) by 340%**

Marijuana Policy Issues (September 10, 2019)

DuPage County Health Department

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# Medscape Medical News

(October 10, 2023)

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## Cannabis Commercialization Linked to More Hospitalizations

In Canada...

- The rate of hospitalizations due to cannabis increased 1.62 times between 2015 and 2021.
  - The rate of hospitalizations increased most precipitously after commercialization, including a 40% increase in hospitalizations for cannabis-induced psychosis.
  - 26% of people who presented to the emergency department with an episode of cannabis-induced psychosis went on to develop schizophrenia within the next three years.
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# Some Web-based resources

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- ✿ **NORML** - <http://norml.org>
  - ✿ **NIDA** - <https://www.drugabuse.gov/publications/drugfacts/marijuana>
  - ✿ **SAM (Smart Approaches to Marijuana)** - [www.learnaboutsam.org](http://www.learnaboutsam.org)
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# Booker T. Washington

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*“A lie doesn’t become truth,  
wrong doesn’t become right,  
and evil doesn’t become good,  
just because it’s accepted  
by a majority.”*

