



## **Main Talking Points**

- Measure 3 allows for limitless THC potency up to 99% concentrates and edibles. Compare that to Woodstock weed which was only 5%.
- Pot products are being marketed to children as candies, cookies, ice creams, sodas, and waxes.
- Legalization is about filling the pockets of Big Marijuana—today's version of Big Tobacco. Big Tobacco is already investing in the marijuana industry.

### **Health Harms and Addiction**

- More stoned people do not help society. According to the <u>National Institutes of Health</u>, <u>Mayo Clinic</u>, the <u>Cleveland Clinic</u>, and <u>World Health Organization</u>, marijuana is addictive, and can produce withdrawal and dependence. Today's marijuana is much more potent than in the past.
- **Brain Changes**: The NIH states that regular marijuana use can reduce IQ by 8 points and may be irreversible; it also impairs memory and learning.
- Marijuana can be a pathway to other drugs of abuse: Four out of every ten lifetime marijuana users will go on to use another drug in their lifetime. According to the American Journal of Psychiatry, "cannabis use, even among adults with moderate to severe pain, was associated with a substantially increased risk of nonmedical prescription opioid use." Studies in Europe have found that "adolescent THC exposure in rats seemed to affect the rodents' brain maturation, as they subsequently displayed "heroin-seeking" behavior.

### Legalization

• According to the Department of Health and Human Services, Colorado holds the top ranking for first time marijuana use among youth in the country (This is the National Survey on Drug Use and Health, the only population wide, national drug survey for all Americans 12 and older.) Other studies showing no increase are not representative of the

whole state.

- The top states for marijuana use in the US all have relaxed laws.
- Young adult use has been skyrocketing, especially in legal states.<sup>10</sup>
- Marijuana-related ER visits by Colorado teens on the rise since legalization.
- Studies have shown mental illness is on the rise in legal states.<sup>12</sup>
- AAA has reported that fatalities among people who have recently used marijuana have doubled since legalization in Washington State.<sup>13</sup>

### **Social Justice**

- African Americans are twice as likely to be arrested for marijuana in Colorado and Washington, both states that have legalized recreational use and sales. <sup>14</sup>
- In Colorado, between 2012 and 2014, the percentage of Hispanic and African-American arrests for teens under 18 years old increased 29% and 58%, respectively while white youth decreased in arrests by 8%.<sup>15</sup>

### Colorado

- 70% of CO dispensaries are recommending THC products to pregnant mothers for nausea.<sup>16</sup>
- The crime rate in Colorado has increased 11 times faster than the rest of the nation since legalization. with the Colorado Bureau of Investigation reporting an 8.3% increase in property crimes and 18.6% increase in violent crimes.<sup>17</sup>

### **Drugged Driving**

- In Colorado and Washington State, marijuana-impaired driving fatalities have more than doubled.<sup>18</sup>
- One in five drivers in Washington State are under the influence of marijuana, up from one in 10 prior to legalization.<sup>19</sup>
- A recent <u>study</u> by the Colorado Division of criminal Justice found of the 4,000 drivers tested for marijuana in 2016, 73 percent were found to have the drug in their system.<sup>20</sup>

#### **Black Market**

- In 2016 alone, Colorado law enforcement confiscated 7,116 pounds of marijuana, carried out 252 felony arrests, and made 346 highway interdictions of marijuana headed to 36 different U.S. states (RMHIDTA, 2017).<sup>21</sup>
- A leaked police report in Oregon revealed that at least 70% of marijuana sales in 2016 were on the black market and around three to five times the amount of marijuana consumed in Oregon leaves the state for illegal sales (Hughes, 2017; Associated Press, 2017, August 14; OSPDES, 2017).<sup>22</sup>

## **Opioids**

- A large 2018 *Lancet* study found marijuana users were less likely than non-users to report pain reduction, and did not use opioids less.<sup>23</sup>
- Marijuana more than doubles the risk of developing opioid use disorder or initiating nonmedical prescription opioid use.<sup>24</sup>

# **Workplace:**

- Marijuana positivity rates are up in legalized states, which is a risk for employers and the public. As of 2018, positivity rates are up 48% in Nevada, 14% in Massachusetts, and 11% in California.<sup>25</sup>
- In the general workforce, marijuana positivity increased 4% from 2017 while it increased nearly 8% in the safety-sensitive workforce.<sup>26</sup>

See NIDA. (2018, June 25). Marijuana. Retrieved from https://www.drugabuse.gov/publications/research-reports/marijuana on 2018, July 2.

<sup>&</sup>lt;sup>2</sup> See Irons, B. M.D., Mayo Clinic. (2015, Feb. 19). Speaking of Health. Retrieved from https://mayoclinichealthsystem.org/hometown-health/speaking-of-health/the-problem-with-kids-and-cannabis on 2018, July 2 and Mayo Clinic Staff. (2017, Oct. 24). Marijuana. Retrieved from https://www.mayoclinic.org/drugs-supplements-marijuana/art-20364974 on 2018, July 2.

<sup>&</sup>lt;sup>3</sup> See Cleveland Clinic. (2014, July 29). Marijuana. Retrieved from https://my.clevelandclinic.org/health/articles/4392-marijuana on 2018, July 2

<sup>&</sup>lt;sup>4</sup> See World Health Organization. (2016). The Health and Social Effects of Nonmedical Cannabis Use. Retrieved from http://apps.who.int/iris/bitstream/handle/10665/251056/9789241510240-eng.pdf;jsessionid=3EBC6F1B98621EB7690654FDFB631BEB?sequence=1 on 2018, July 2.

<sup>&</sup>lt;sup>5</sup> See NIDA. (2018, June 25). Marijuana. Retrieved from https://www.drugabuse.gov/publications/research-reports/marijuana on 2018, July 2.

<sup>&</sup>lt;sup>6</sup> See Secades-Villa, R., Garcia-Rodriguez, O., Jin, C.J., Wang S., & Blanco, C. (2014, Aug. 2). Probability and Predictors of the Cannabis Gateway Effect: A National Study. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/25168081 on 2018, July 2.

See Olfson, M., Wall, M.M., Liu, S.M., Blanco, C. (2017, Sept. 26). Cannabis Use and Risk of Prescription Opioid Use Disorder in the United States. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/28946762 on 2018, July 2.

<sup>&</sup>lt;sup>8</sup> See Serena Stopponi et al., Chronic THC During Adolescence Increases the Vulnerability to Stress-Induced Relapse

- to Heroin Seeking in Adult Rats, 24 Eur. Neuropsychopharmacology 1037, 1038 (2014).
- <sup>o</sup> See Center for Behavioral Health Statistics and Quality. (2017). 2016 National Survey on Drug Use and Health: Detailed Tables. Substance Abuse and Mental Health Services Administration, Rockville, MD.
- <sup>10</sup> See Center for Behavioral Health Statistics and Quality. (2017). 2016 National Survey on Drug Use and Health: Detailed Tables. Substance Abuse and Mental Health Services Administration, Rockville, MD.
- " See https://www.reuters.com/article/us-health-marijuana-kids/marijuana-related-er-visits-by-colorado-teens-on-the-rise-idUSKBN1HO38A
- <sup>12</sup> See https://www.tandfonline.com/doi/full/10.1080/09540261.2018.1467385
- <sup>11</sup> See Johnson, T. (2016, May 10). Fatal Road Crashes Involving Marijuana Double After State Legalizes Drug. Retrieved from https://newsroom.aaa.com/2016/05/fatal-road-crashes-involving-marijuana-double-state-legalizes-drug/ on 2018, July 2
- <sup>14</sup> See Smart Approaches to Marijuana. (2018 March). Lessons Learned from Marijuana Legalization in Four U.S. States and D.C. Retrieved from https://learnaboutsam.org/wp-content/uploads/2018/04/SAM-Lessons-Learned-From-Marijuana-Legalization-Digital.pdf on 2018, July 2.
- <sup>15</sup> See Colorado Department of Public Safety. (2016). Marijuana legalization in Colorado: Early findings. Retrieved from https://cdpsdocs.state.co.us/ors/docs/reports/2016-SB13-283-Rpt.pdf on 2018, Feb. 3.
- <sup>16</sup> See Smart Approaches to Marijuana. (2018 March). Lessons Learned from Marijuana Legalization in Four U.S. States and D.C. Retrieved from https://learnaboutsam.org/wp-content/uploads/2018/04/SAM-Lessons-Learned-From-Marijuana-Legalization-Digital.pdf on 2018, July 2.
- <sup>17</sup> See Mitchell, K. (2017, July 11). Crime rate in Colorado increases much faster than rest of the country. Denver Post. Retrieved from https://www.denverpost.com/2017/07/11/colorado-sees-big-increase-crime-10-percent-higher-murder-rate/ on 2018, Feb. 3 and Colorado Bureau of Investigation. (2017). National Uniform Crime Reports. Retrieved from https://www.colorado.gov/pacific/cbi/crime-colorado1 on 2018, 2018 Feb. 3.
- "See Highway Loss Data Institute. (2017, August 3). Studies link legalized use of recreational marijuana with increase in crashes. Status Report, 52(5). Retrieved from http://www.iihs.org/iihs/sr/statusreport/article/52/5/3 on 2018, Feb. 3. And Washington Traffic Safety Commission. (2016). Driver toxicology testing and the involvement of marijuana in fatal crashes, 2010–2014. Olympia, WA: Author. Retrieved from http://wtsc.wa.gov/wp-content/uploads/dlm\_uploads/2015/10/Driver-ToxicologyTesting-and-the-Involvement-of-Marijuana-in-Fatal-Crashes\_REVFeb2016.pdf on 2018, Feb. 3.
- <sup>19</sup> See Smart Approaches to Marijuana. (2018 March). Lessons Learned from Marijuana Legalization in Four U.S. States and D.C. Retrieved from https://learnaboutsam.org/wp-content/uploads/2018/04/SAM-Lessons-Learned-From-Marijuana-Legalization-Digital.pdf on 2018, July 2.
- <sup>20</sup> See https://www.denverpost.com/2018/08/09/driving-while-high-colorado/
- <sup>21</sup> See Rocky Mountain High Intensity Drug Trafficking Area. (2017). The legalization of marijuana in Colorado: The impact. Retrieved from http://www.rmhidta.org/html/FINAL%202017%20Legalization%20of%20Marijuana%20in%20Colorado%20The%20 Impact.pdf on 2018, Feb. 3.
- <sup>22</sup> See Hughes, T. (2017, July 31). Marijuana's legalization fuels black market in other states. USA Today. Retrieved from https://www.usatoday.com/story/news/nation/2017/07/31/marijuana-black-market/507417001/ on 2018, Feb. 3, Associated Press. (2017, August 14). Marijuana-legal states struggle with black-market weed.
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- <sup>23</sup> See https://www.thelancet.com/pdfs/journals/lanpub/PIIS2468-2667(18)30110-5.pdf
- <sup>24</sup> See NIDA. (2017, Sept. 26). Marijuana Use is Associated with an increased Risk of Prescription Opioid Misuse and use Disorders. Retrieved from https://www.drugabuse.gov/news-events/news-releases/2017/09/marijuana-use-associated-increased-risk-prescription-opioid-misuse-use-disorders on 2018, July 2.
- <sup>25</sup> See Quest Diagnostics. (2015, June 9) Illicit Drug Positivity Rate Increases Sharply in Workplace Testing, Finds Quest Diagnostics Drug Testing Index<sup>™</sup> Analysis. Retrieved from http://newsroom.questdiagnostics.com/2015-06-09-Illicit-Drug-Positivity-Rate-Increases-Sharply-in-Workplace-Testing-Finds-Quest-Diagnostics-Drug-Testing-Index-Analysis on 2018, July 2.

<sup>26</sup> See Jupe, N. (2018 May 8) Quest Diagnostics Employer Solutions Blog. Retrieved from https://blog.employersolutions.com/drug-testing-index-workforce-drug-positivity-at-highest-rate-in-a-decade/ on 2018, July 2.