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Marijuana Facts and Statistics

DID YOU KNOW?

- 1) 122 million American adults live in states with access to either legalized recreational or medical marijuana. That's equivalent to 50% of the entire U.S. adult population. [1]
- 2) Marijuana is 5x more potent than it was 30 years ago. [2]
- 3) 75% of 11th and 12th graders polled in 2013 mistakenly believe they drive better under the influence of marijuana, or marijuana has no influence on their driving. [3]
- 4) There is a 200% increased risk of being involved in an automobile accident after using marijuana. [4]
- 5) More college students drive stoned than drunk. [5]
- 6) Marijuana impairs critical driving functions: [6]
 - a. Vigilance
 - b. Time and distance perception
 - c. Lane tracking
 - d. Motor coordination
 - e. Divided attention tasks
 - f. Reaction time
 - g. Judgment [7]
- 7) Smoking and drinking together has an additive effect. [8]

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- 8) Alcohol makes THC absorption and the high more intense. [8]
- 9) A driver under the influence of both marijuana and alcohol may have more than 20x greater risk of a fatal crash than a sober person. [8]
- 10) Typical marijuana smokers experience a high that lasts approximately 2 hours. [9]
- 11) Frequent users in CO drove an average of 17 times per month within two hours of using marijuana. [10]
- 12) 44% of WA drivers who had used marijuana in the past year, stated driving within 2 hours of using marijuana. [11]
- 13) Nearly half of 11th-graders in Oregon currently using marijuana who drive a car, report that they drove within three hours of using marijuana in the past month. [12]
- 14) According to the Washington (State) Traffic Safety Administration, the presence of THC in drivers involved in fatal car crashes is at its highest number in any year during the 5-year period (2010-2014) studied. The numbers of drivers who had only alcohol in their systems was the lowest number during this same period. [13]
- 15) "Effects from smoking cannabis products are felt within minutes and reach their peak in 10-30 minutes. Typical marijuana smokers experience a high that lasts approximately 2 hours [14]."

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16) "The greater the demands placed on the driver [...] the more critical the likely impairment. Marijuana may particularly impair monotonous and prolonged driving. Decision times to evaluate situations and determine appropriate responses increase [14]."

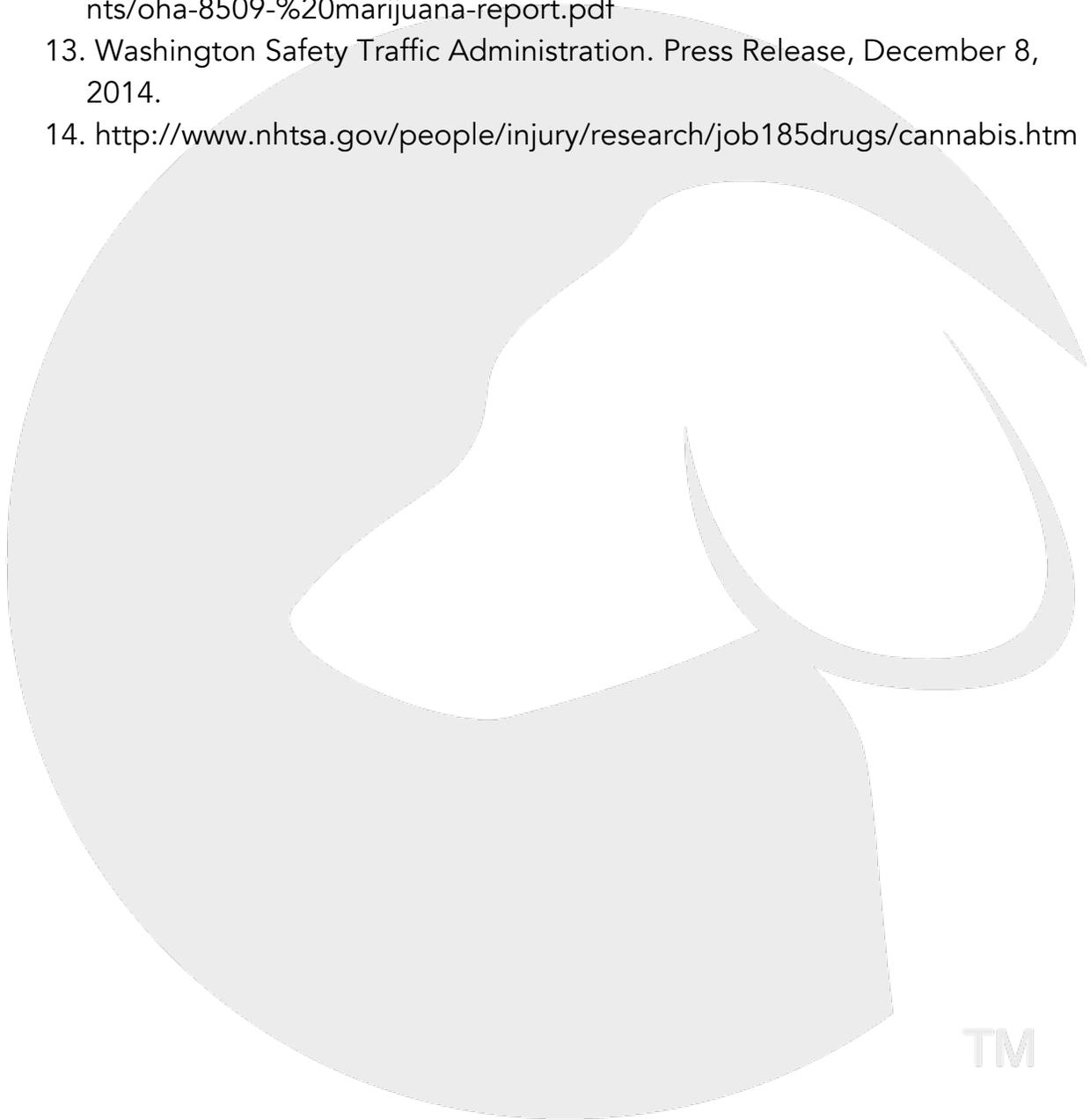
SOURCES:

1. Calculations based on adult population in states with legal medical or recreational marijuana. <http://datacenter.kidscount.org/data/tables/99-total-population-by-child-and-adult#detailed/1/any/false/573,869,36,868,867/39,40,41/416,417>
2. <https://learnaboutsam.org/the-issues/quick-facts/>
3. <http://www.usatoday.com/story/news/nation/2013/04/25/teens-drunken-driving-impaired-survey/2106325/>
4. Volkow, Nora D., et. al, "Adverse Health Effects of Marijuana Use," The New England Journal of Medicine 370;23, June 5, 2014.
5. Marijuana-Using Drivers, Alcohol-Using Drivers, and Their Passengers: Prevalence and Risk Factors Among Underage College Students; Jennifer M. Whitehill, PhD; Frederick P. Rivara, MD, MPH; Megan A. Moreno, MD, MEd, MPH; JAMA Pediatr. 2014; 168(7):618- 624; Driving After Marijuana Use: The Changing Face of "Impaired" Driving. Mark Asbridge, PhD; JAMA Pediatr. 2014;168(7):602-604.
6. http://ghsa.org/html/files/pubs/GHSA_DruggedDrivingt2015_R5_LoResInteractive.pdf
7. <http://time.com/3930541/marijuana-impact-driving/>
8. Columbia Magazine Interview with Guohua Li, M.D., Dr. PH, professor epidemiology and anesthesiology, and director, Center for Injury Epidemiology and Prevention, Columbia University, New York. Spring 2014.
9. <http://www.nhtsa.gov/people/injury/research/job185drugs/cannabis.htm>
10. Source: Volume 4, The Legalization of Marijuana in Colorado: The Impact.

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11. http://wtsc.wa.gov/wp-content/uploads/dlm_uploads/2014/11/Washington-State-Roadside-Survey-Wave-1-10-01-14-for-WA.pdf
12. <https://public.health.oregon.gov/PreventionWellness/marijuana/Documents/oha-8509-%20marijuana-report.pdf>
13. Washington Safety Traffic Administration. Press Release, December 8, 2014.
14. <http://www.nhtsa.gov/people/injury/research/job185drugs/cannabis.htm>



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