







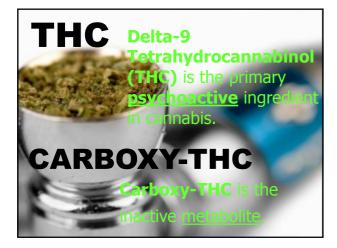


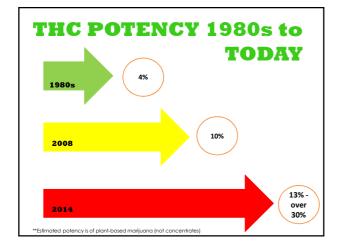


Based on the experience of Colorado & Washington we can expect more of the same.....much more.

- ✓ Most popular recreational drug in the US after alcohol and tobacco.
- $\checkmark\,$ #1 Drug in the DUI Drug Arrests
- ✓ 12.6% of drivers on Friday and Saturday evening test positive for use. (2015 NHTSA)
- ✓ 1 in 9 drivers involved in fatal crashes tests positive for marijuana. (columbia University)
- ✓ Currently marijuana is the main drug involved in 12% of all fatal crashes.







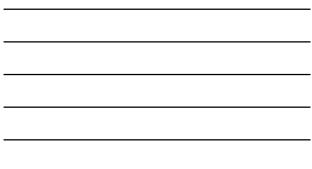


HOW DOES MARIJUANA WORK IN THE BODY?

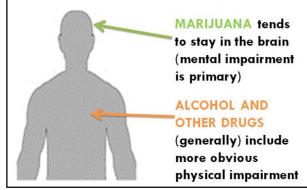
Marijuana is ingested







Mental v. Physical Impairment



IMPAIRMENT

• Euphoria

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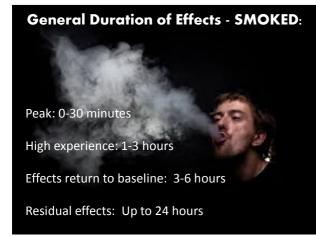
- Relaxed Inhibitions
- Disorientation
- Altered time & distance perception
- Lack of concentration
- Impaired memory & comprehension
- Jumbled thought formation
- Drowsiness
- Mood changes, including panic & paranoia
- Heightened senses







and inhalation volume













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SFST and MARIJUANA

- SFST apply to all drugs
- All officers are trained to detect drug impaired drivers
- Drug Recognition Experts are excellent but
 NOT REQUIRED



TOXICOLOGY – PERKS and PROBLEMS

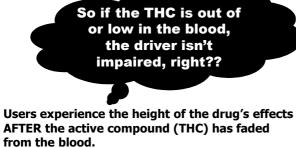




Impairment versus Per Se Levels

- M91 did not adopt a per se level
- Per Se Level in WA is 5 nanograms THC - 2ng cut off level
- Based on very limited European research – Whole blood versus serum blood
- NOT tied to impairment – Unlike the .08 for alcohol
- Dissipates quickly - Creates a problem with evidence collection





The THC is present in the user's brain causing mental impairment for hours after it has lowered below the 5 ng in the blood. (The only compound potentially lasting for "days" is the inactive metabolite...carboxy-THC)







- Major resurgence due to tolerance & need for a "better high"
- Butane method most popular Solvent with heat extracts the THC -30% and higher
- Recipes & cook books on web. (YOU-TUBE)
- Duration of high 6 hours and maybe longer
- Intensity of high greater due to high THC
- Can also be smoked, eaten, vaporized.





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