

Big Marijuana

What can we learn from USA?

**DCB, Kysthotellet Grenå
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Medical marijuana history I

- ▶ A long, long time ago: traditional medicin
- ▶ 1950s: disappear as medicin
- ▶ 1970s: Lester Grinspoon
"Marijuana the forbidden medicin"
- ▶ 1975: Robert Randall gets federal marijuana

” We will use the medical marijuana argument as a red herring on the road to full legalization.”

Ketih Stroup, National Organization for the Reform of Marijuana Laws, NORML, 1979

History II

- ▶ 1980s: AIDS + Dennis Peron, California
- ▶ 1991: medical marijuana in San Francisco
- ▶ 1996: in all California
- ▶ 1996-97: Ethan Nadelmann, George Soros + other billionaires

History III

- ▶ Long term tactic: normalization – decriminalization-legalization
- ▶ 6 states are chosen
- ▶ 2000 DPA, Drug Policy Alliance

History IV

- 1997-2000: medical marijuana in 6 states
- 2009: commercialization in Colorado
- 2015: medical marijuana in 24 USA-states, legalization in 4 states

From my interview
with Paula Riggs,
Professor, psychiatrist
researcher, Colorado
University

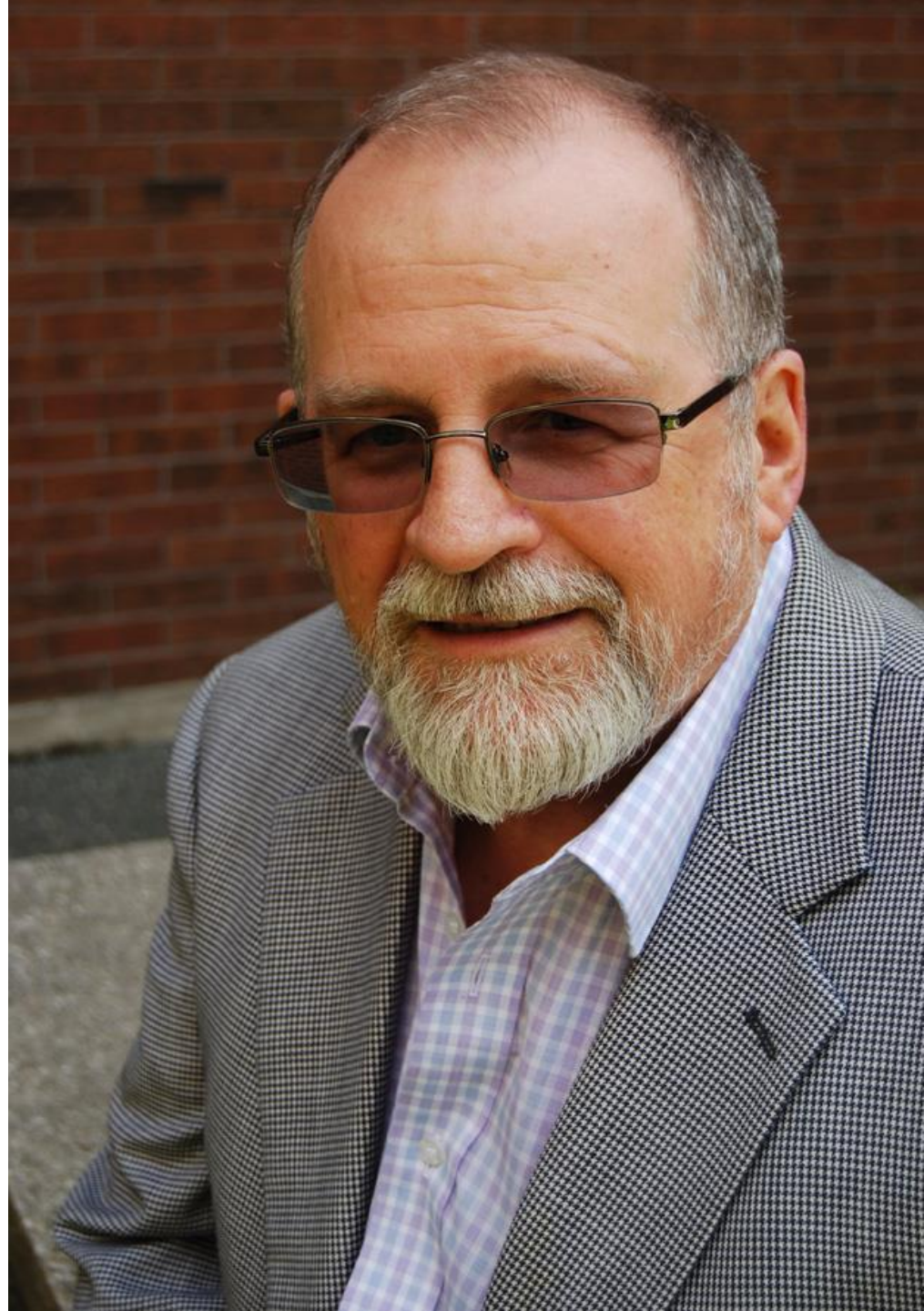
”There is no
legalization
movement in
Sweden.”

”Good, then you
haven’t been visited
by Georg Soros!”



Wayne Hall
Professor, researcher
etc. Australia:

"The evidences
that marijuana
is an effective
medicine are
very weak."



Pharmacological science about cannabis:

- Cannabis can alleviate pain, nausea, spasm in Multiple sclerosis, MS, and maybe epilepsy and increase appetite

- Some sources;

*Harold Kalant, Amy Porath-Waller: *Clearing the smoke on cannabis* CCSA (Canadian center on substance abuse), 2012.

* Nora Volkow et al. *Adverse Health Effects of Marijuana Use*. The New England Journal of Medicine, juni 2014.

Medical marijuana = fake

- ▶ The same product as any other cannabis
- ▶ Not approved medicine in any country
- ▶ There are already medicines for the same symptoms and diseases.
- ▶ There are approved medicines which contain THC and CBD. But they don't give the patients an intoxication.
- ▶ No medicines are used by smoking
- ▶ No medicine contains lots of unknown substances.

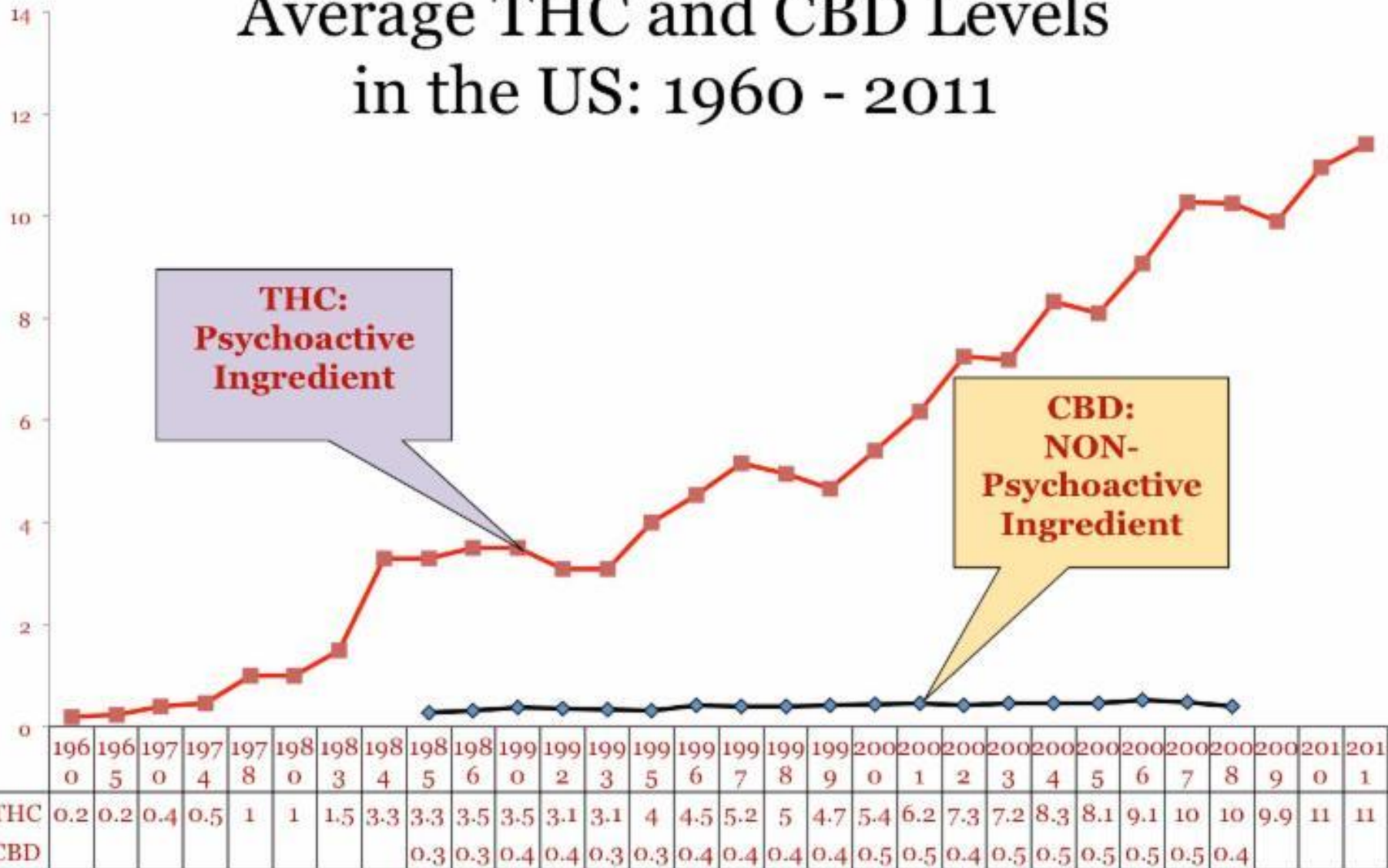
Does not recommended medical marijuana:

- ▶ American Medical Association
- ▶ American Cancer Society
- ▶ American Glaucoma Society
- ▶ National Multiple Sclerosis Society
- ▶ American Society Addiction Medicine
- ▶ American Academy of Pediatrics

Colorado

- ▶ 2009 Medical marijuana for all ages
2014 Legalization
 - regulated and taxed as alcohol
- ▶ Today ca 800 shops for recreational and/or medical marijuana
- ▶ 114.000 persons (out of 5 milj inhabitants) have a Red card
- ▶ Cannabis = **Big Business**

Average THC and CBD Levels in the US: 1960 - 2011

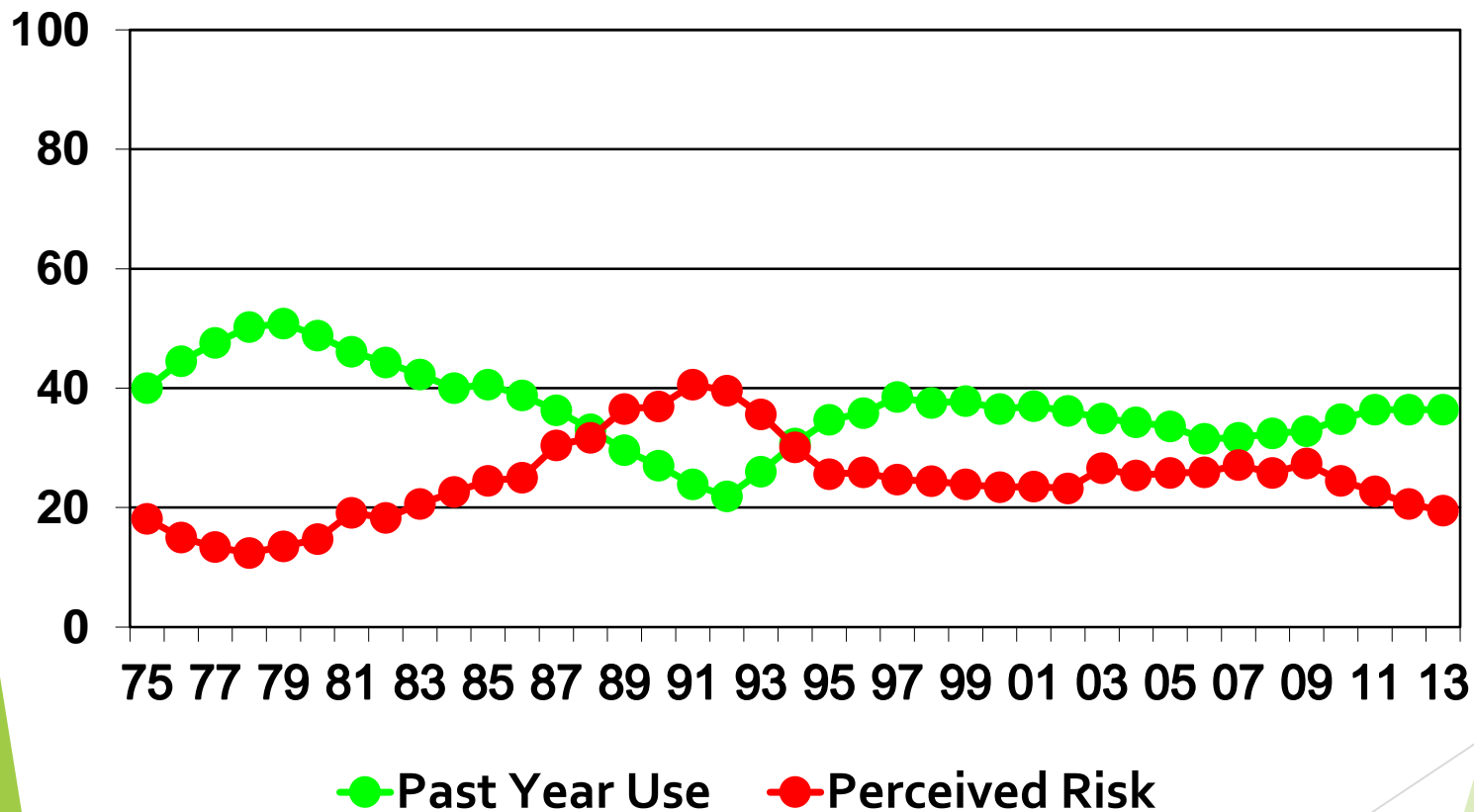


Legal cannabis
in Colorado:

18,7 % THC
0,1 % CBD.



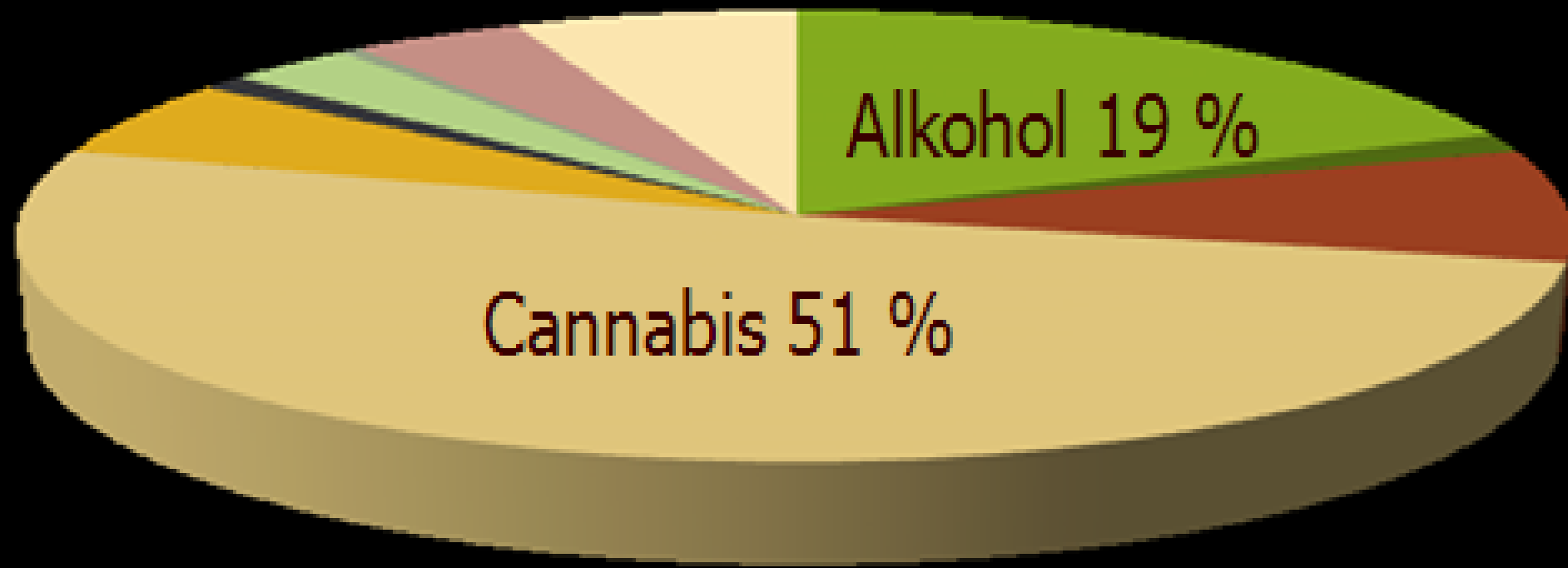
More youngsters use cannabis when the perceived risk are low



SOURCE: University of Michigan, 2013 Monitoring the Future Study

Beroendevård i Holland < 25 år

Key figures addiction care 2013, www.sivz.nl



Key figures addiction care 2012, www.sivwz.nl

Addiction care in USA 12-17 years

www.samhsa.gov/

Alcohol och cannabis as main drugs in %



Big scale cannabis cultivation means environmental destruction

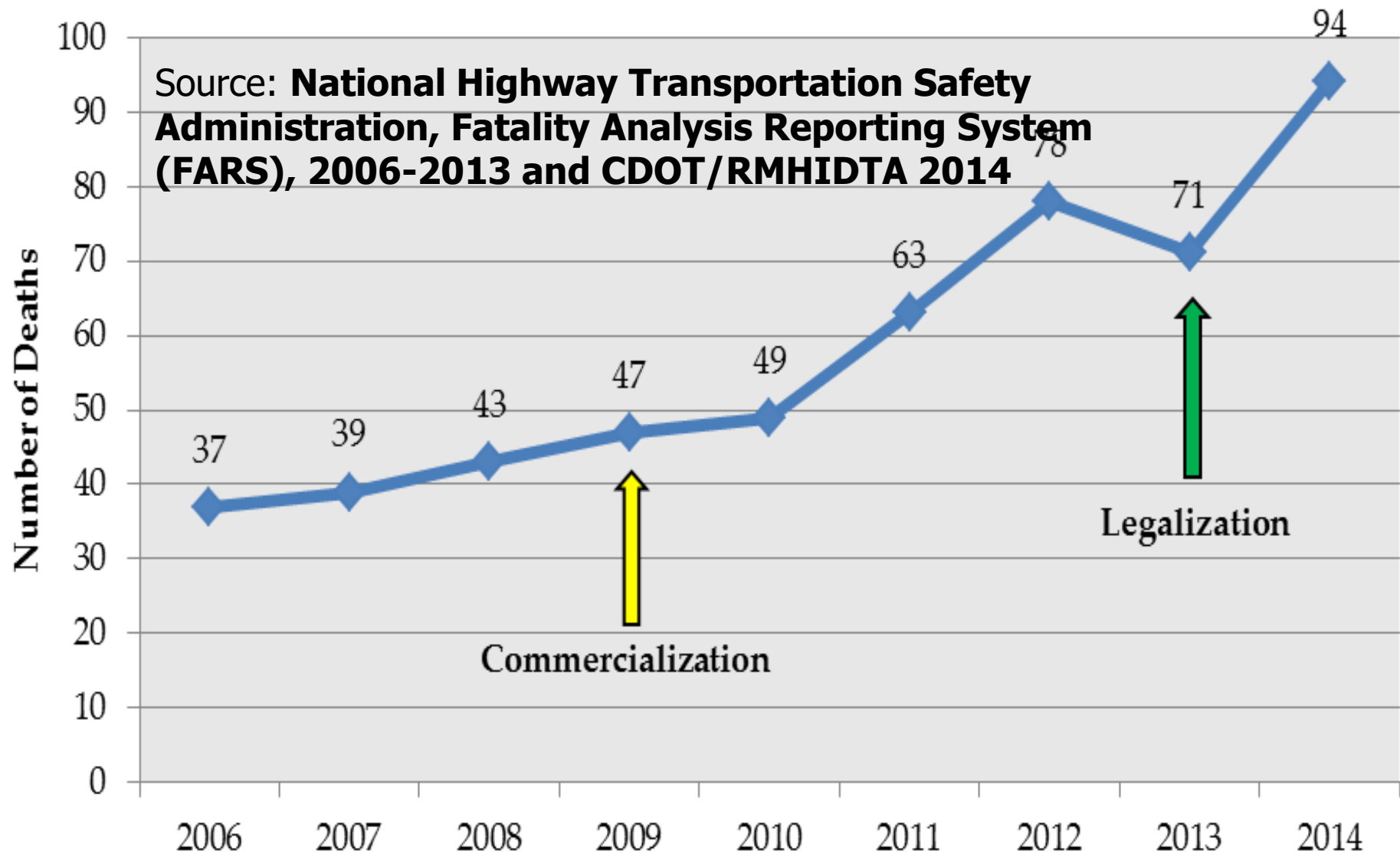
- ▶ Lots of energy
- ▶ Lots of water
- ▶ Lots of pesticides, mould, and vermins

Some examples:

- ▶ Water use: 1 joint = 10 liters of beer.
- ▶ Production in USA: 1 % of all electricity
- ▶ Carbon dioxide = 3 milion cars.
- ▶ Some big rivers in California are almost drained and coho salmon has disappered

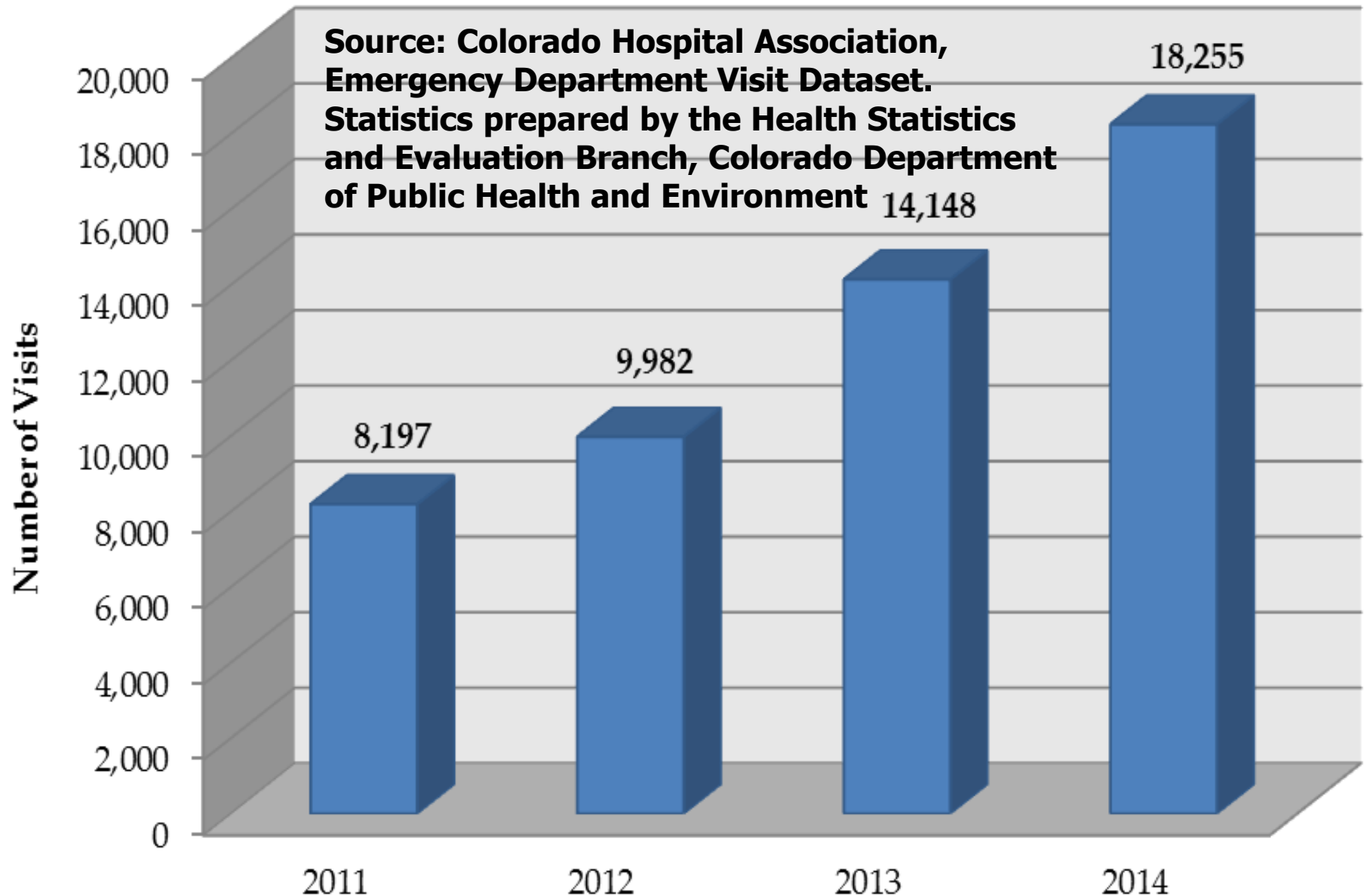
Sources, among other: Mills, E. (2012). The carbon footprint of indoor Cannabis production. Energy Policy, 46: 58-67

Traffic Deaths Related to Marijuana*

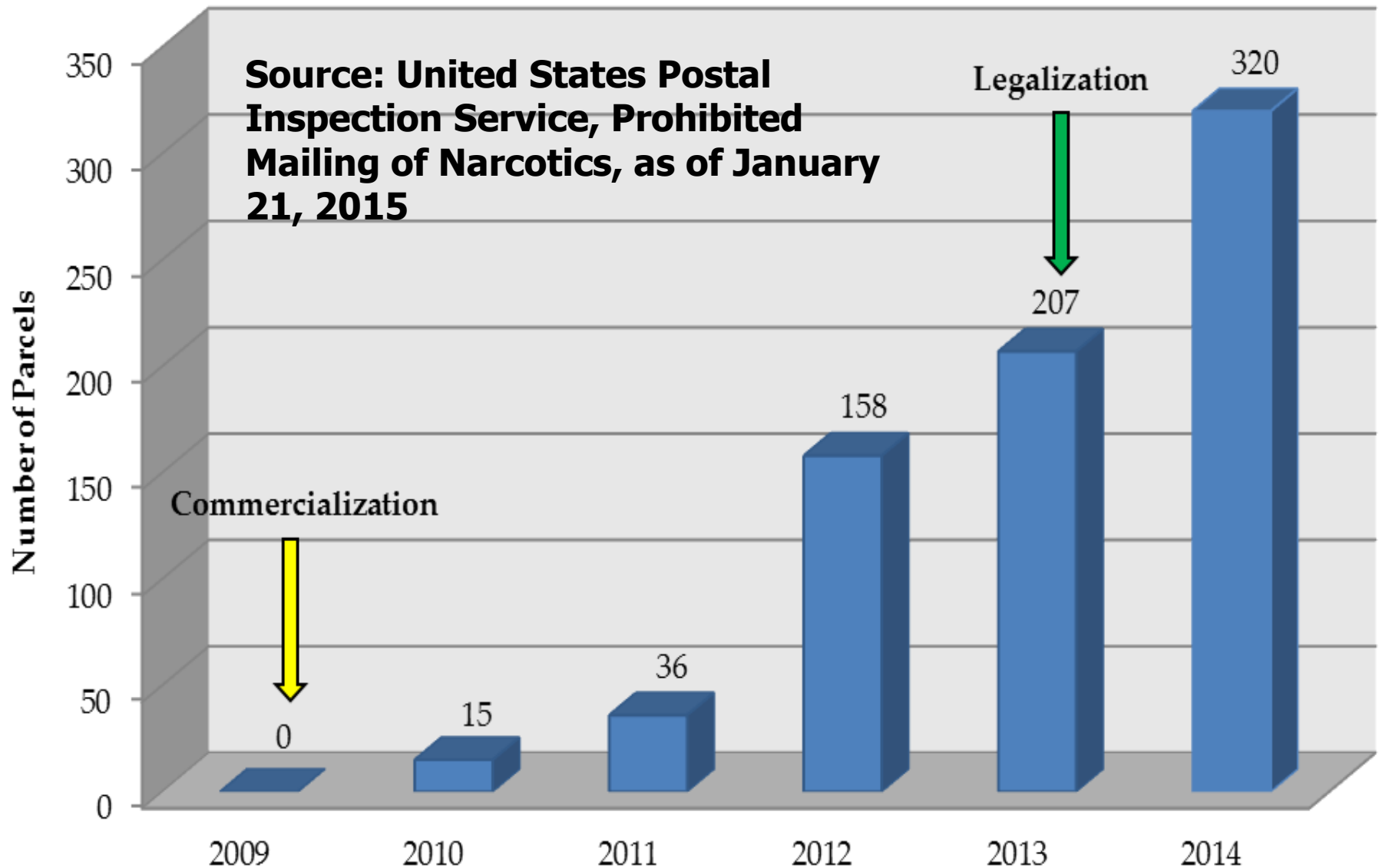


*Number of Fatalities Involving Operators Testing Positive for Marijuana

Marijuana-Related Emergency Room Visits



Parcels Containing Marijuana Mailed from Colorado to Another State

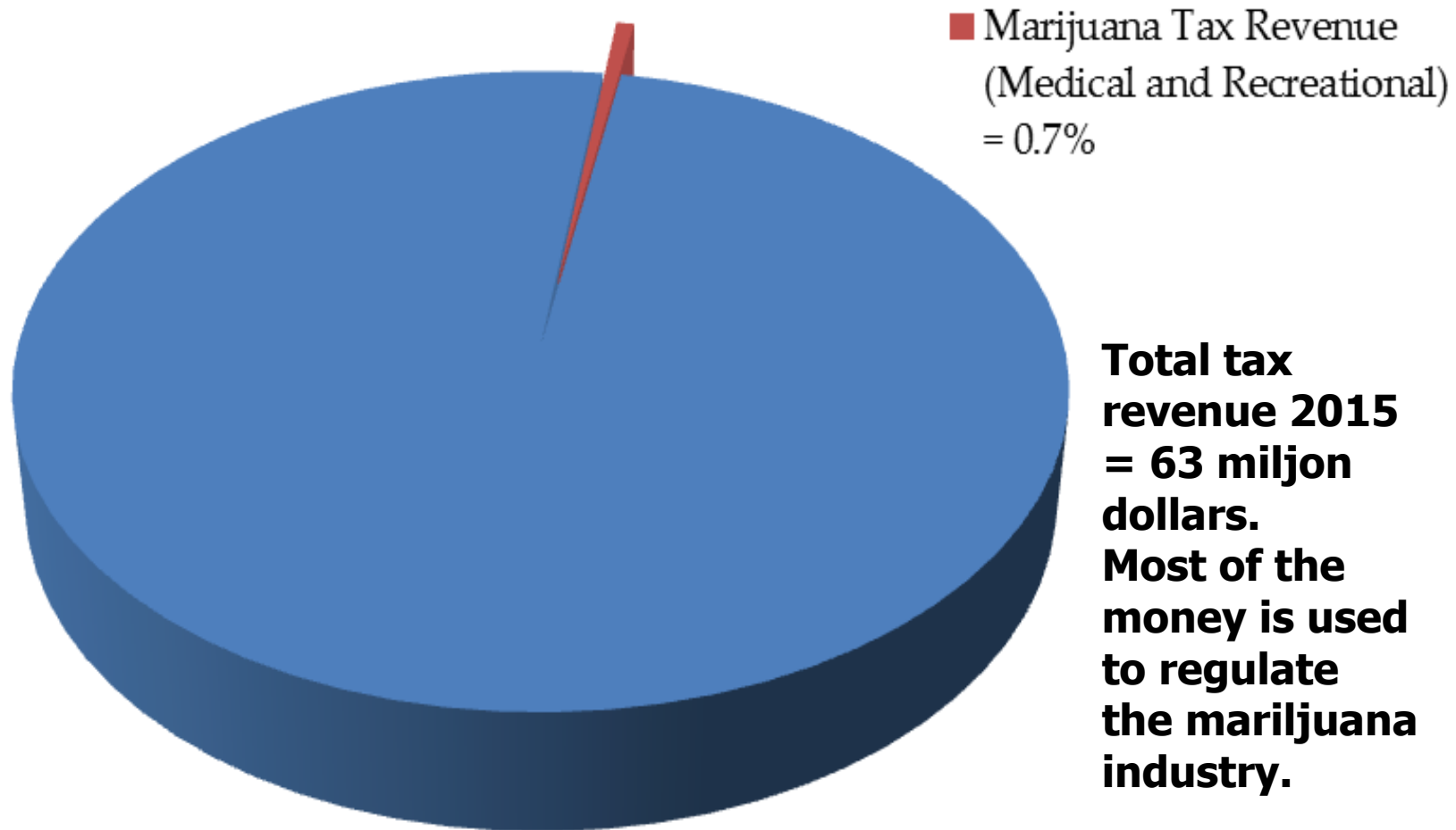


Crime after the legalization

- ▶ The total number of crimes in Colorado has not changed
(half of the population lives in cities without legal marijuana)
- ▶ The total number of crimes in Denver has increased 10 %.

Source: Colorado Bureau of Investigation,
<http://crimeinco.cbi.state.co.us/>

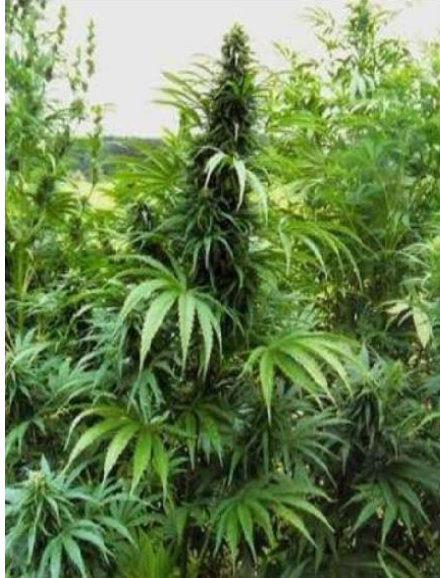
Colorado's Total General Fund Revenue, FY 2015*



*Preliminary Numbers based on June 2015 Forecast

Brain researcher cautions against suggestions cannabis causes schizophrenia

September 24, 2015 by Bob Yirka [report](#)



Denials and doubts about marijuana research



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STATE OF THE EVIDENCE
CANNABIS USE
AND REGULATION



”There is not the same driving force for us who are against drugs because of moral reasons or concern about public health, compared with those who advocate cannabis because they can earn money on the drug.” Ben Cort, Smart Approaches to Marijuana (SAM).

Thanks you for your attention!

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