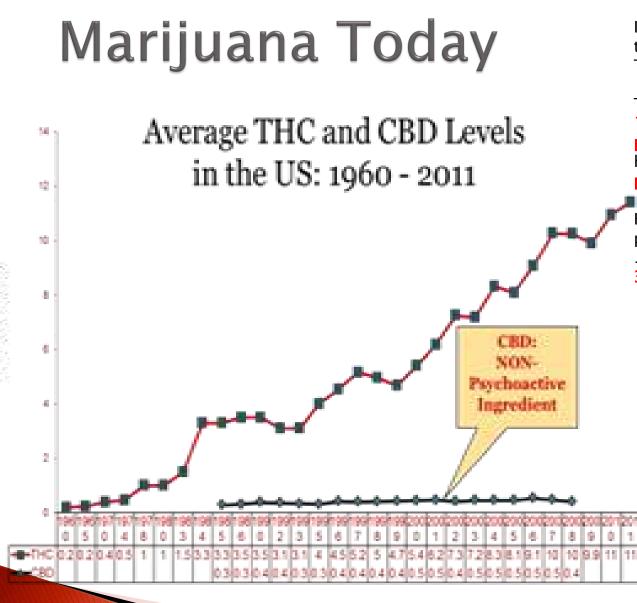
Why Ballot Measure 2 is Too Extreme and Costly for Alaska

Taking a Closer, Thoughtful Look at The Lower–48 Funded Marijuana Legalization, Commercialization, and Industrialization Initiative



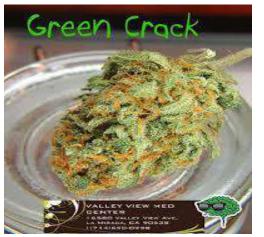


In 2012, the most recent year in which testing has been completed, the average THC concentration was 12.3 percent.

That would be 300 percent higher...than 1992 levels, when the average was 3.08 percent. And it would be 800 percent higher...than the average level of 0.98 percent found in 1976.

How high could the THC content potentially go? One specimen, seized ...was found to have a THC content of **37.2 percent**.

http://www.politifact.com/rhodeisland/statements/20 14/mar/30/, Research from University of Mississippi



http:www.leafly.com/sativa/green -crack

The Extreme Definition of Marijuana: ("Shall not" be an offense to possess, transport, give to others 1 ounce of "marijuana"...)

" 'Marijuana' means all parts of the plant...the resin extracted from any part of the plant, and every compound, manufacture, salt, derivative, mixture, or preparation of the plant, its seed, or its resin, including marijuana concentrate."

Sec. 17.38.900(6)



One Ounce of Butane Hash Oil, etc. What it means....

- I ounce = over 28 grams
- Rolling Stone Magazine (6/20/13)



"the latest superstrong stoner craze: butane-extracted hash oil (BHO). How potent is it? A chunk of the stuff the size of a Tic Tac ...Even for hardcore smokers, the experience – which fans call dabbing – ...suddenly, you're cosmically baked."

"Girl Passes Out After Taking A Heavy Amount From A Wax Hit! https://www.youtube.com/watch?v=3K6ruAMB8Z8"





Extreme Definition of "Marijuana Accessories" ("Shall not" be an offense to possess, use, transport, marijuana

" 'Marijuana accessories' means any equipment, products or materials of any kind which are used... in planting...growing... manufacturing, compounding, converting, producing, processing...vaporizing, or containing marijuana or for ingesting, inhaling or otherwise introducing marijuana into the human body."



Sec. 17.38.900(7)







Students and Vape Pens

Students Find Way to Secretly Smoke Marijuana in Class" (CBS 4 Denver 2/5/14)





"Pot Smoke and Mirrors: Vaporizer Pens Hide Marijuana Use" by Miles Bryan, National Public Radio, April 18, 2014





Too Costly to Health



- Kris Kirk, 44 year old mother of 3, was shot and killed by her husband while she was on the phone with a 911 operator. Her husband had eaten "Karma Kandy Orange Ginger."
- Levy Thamba, 19 year old student, jumped to his death from a hotel balcony after eating a marijuana edible.
- "26 people have reported poisonings from marijuana edibles between 1/1/14 and 4/15/15 in Colorado. Al Bronstein, Medical Director of Rocky Mountain Poison and Drug Center



Increased Risk for Psychosis and Development of Psychotic Symptoms

- In conclusion, the available evidence support the hypothesis that cannabis is an independent risk factor, both for psychosis and the development of psychotic symptoms."
- ("Cannabis as a risk
 factor for psychosis:
 systematic review,"
 Semple, et.al.(2005))



Cannabis use and Childhood Trauma Interact Additively

Replication in two independent population-based samples that childhood maltreatment and cannabis use synergistically impact on psychosis risk. (Konings, et. al. (2012))

 "...the psychosis– inducing effects of cannabis were stronger in individuals exposed to earlier sexual or physical mistreatment"



"Cannabis during pregnancy endangers fetal brain development" (Science Daily 1/27/14)

- The study highlights that consuming Cannabis during pregnancy clearly results in defective development of nerve cells of the cerebral cortex, the part of the brain that orchestrates higher cognitive functions and drives memory formation.
- (Study: EMBO Journal 1/2014)





Too Costly to Education

"For those who met criteria for cannabis dependence..., **the average drop in IQ was 8 points** (between age 13 and 38)... The decline in IQ included all four indices of IQ: working memory, processing speed, perceptual reasoning and verbal comprehension"

("Persistent cannabis users show neuropsychological decline from childhood to midlife," Meier, et. al.(2012)) ruled out pre-existing difference in IQ; also showed that those who used marijuana heavily before age 18 showed mental decline even after they quit consuming.



Adverse Effects of Short-Term Use and Long-Term or Heavy Use of Marijuana

New England Journal of Medicine, June 5, 2014

- Effects of short-term use
 - Impaired short-term memory, making it difficult to learn and to retain information



- Impaired motor coordination, interfering with driving skills and increasing the risk of injuries
- Altered judgment, increasing the risk of sexual behaviors that facilitate the transmission of sexually transmitted diseases
- In high doses, paranoia and psychosis

oaranola



The NEW ENGLAND JOURNAL of MEDICINE

Adverse Effects of Short-Term Use and Long-Term or Heavy Use of Marijuana

New England Journal of Medicine, June 5, 2014

Effects of long-term or heavy use

- Addiction (in about 9% of users overall, 17% of those who begin use in adolescence, and 25 to 50% of those who are daily users)*)"the evidence clearly indicates that long-term marijuana use can lead to addiction.")
- Altered brain development*
- Poor educational outcome, with increased likelihood of dropping out of school*
- Cognitive impairment, with lower IQ among those who were frequent users during adolescence*
- Diminished life satisfaction and achievement (determined on the basis of subjective and objective measures as compared with such ratings in the general population)*
- Symptoms of chronic bronchitis
- Increased risk of chronic psychosis disorders (including schizophrenia) in persons with a predisposition to such disorders





Adverse Effects of Short-Term Use and Long-Term or Heavy Use of Marijuana New England Journal of Medicine, June 5, 2014

- However, the effects of a drug (legal or illegal) on individual health are determined not only by its pharmacologic properties but also by its availability and social acceptability.
- In this respect, legal drugs (alcohol and tobacco) offer a sobering perspective, accounting for the greatest burden of disease associated with drugs, not because they are more dangerous than illegal drugs but because their legal status allows for more widespread exposure."



Very Costly to State

The State of Alaska estimates the cost of implementing this initiative at around **\$7 million**.

Other (likely annually recurring) costs included in this figure:

- \$1,100,000 Increased substance use, dependency and addictions treatments; increased mental health treatment services.
 - \$400,000 Increased physical health services.
 - \$140,000 Increased enforcement of marijuana access by youth.
 - \$250,000 Increased child protection services for young children in homes with regular and persistent marijuana users.
 - \$200,000 Increased juvenile justice services.
 - \$594,400 Increased Statewide Drug Enforcement Unit trooper investigators to target diversion and exportation of marijuana (AST predicts illegal commercial marijuana growing operations will continue to exist and legalization could increase opportunities).
 - \$607,500 Launching a public education campaign on the dangers of driving under the influence ("the number of individuals driving under the influence of marijuana is expected to increase.") Plus other costs of DUI enforcements



More Costs: Alaska Chiefs of Police

- Taxpayers in Alaska's small towns and cities face \$6,000,000 in unanticipated costs if the marijuana initiative passes this year.
- In a recent survey conducted by the association, 75% of chiefs in Alaska said their agencies would not have the resources necessary to deal with the potential law enforcement impact of marijuana legalization



And So Many More Unintended Consequences Costs

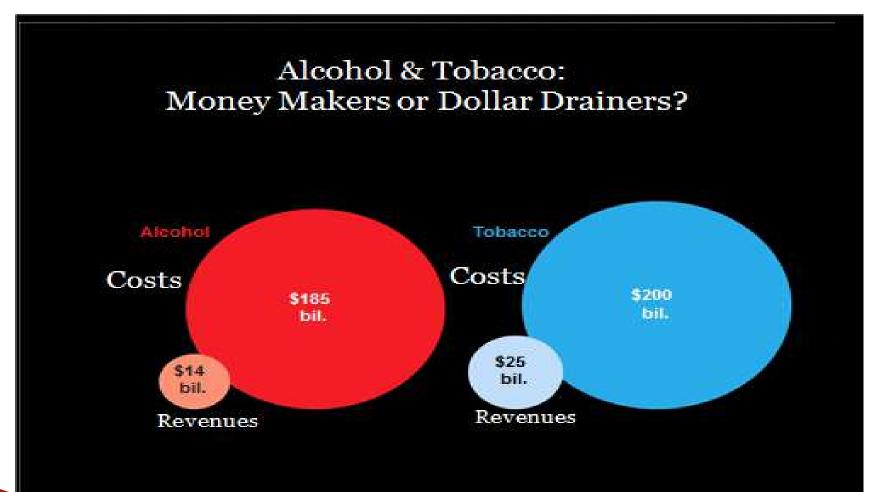
When states promote something that is not good for people, they need to be prepared for "unintended consequences." (Christian Science Monitor, 7/26/14)

- Homeless rates have increased in Denver
 - (Denver Post 7/25/14)
- Crime rate has increased in Denver by almost 7%
 - (National Incident Based Reporting System)

- The black market is thriving, especially in economically disadvantaged
- **COMMUNITIES** ("Inside Colorado's Flourishing
- Segregated Black Market for Pot," Washington Post 7/30/14)



So Very Costly Overall



American Society of Addiction Medicine, "White Paper on State-Level Proposals to traalize Marijuana", p. 11, 7/25/12

Effects of Marijuana and Pilot Performance

- Ten experienced licensed private pilots trained for 8 hours on a flight simulator landing task
- Each smoked a THC cigarette (19 mg)
- 24 hours later their mean performance on the flight task showed trends toward impairment in all variables, some tasks showed significant impairment
- Despite the deficits, the pilots reported no awareness of impaired performance.

Am J Psychiatry 1985; 142:1325-1329





Legalizing Will Increase Use Among Teens

- Nearly two-thirds (65%) of teens who reported using marijuana at least once in their lifetime said that legalizing the drug would make them more likely to use it.
- In addition, more than three-fourths (78%) of heavy marijuana users reported that legalizing the drug would make them more likely to use it.

(Center for Substance Abuse Research from The Partnership for a Drug-Free America and the MetLife Foundation, The Partnership Attitude Tracking Study (PATS): Teens and Parents, 2013.)





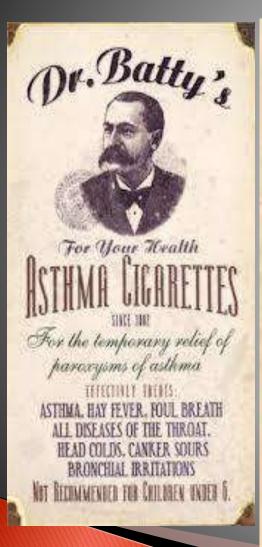


Impact on Driving

- Driver culpability studies show that drivers testing positive to marijuana "are significantly more likely to be responsible for fatal car crashes than are drug-free drivers." (University of Washington ADAI)
- "the acute effect of moderate or higher doses of marijuana impairs the skills related to safe driving and injury risk", particularly "attention, tracking and psychomotor skills."



How things change



More Doctors Smoke CAMELS than any other cigarette!

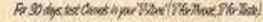
Denne in arwy Secold of Androne was ushed, "Khat Spanie de yas meder" The Secol Annel was famil

The Costs Calculate do note indeed to their discription devices and an index of a Calculate device and an effect of a Calculate and the calculacities and another of the calculate provide index optimized and the provide of a calculate and the calcuption of the calculate and the calcuption of the calculate and the calcution defined costs and the calculate the calculate calculate and the calculate

THE DOCTORY CHOICE IS AMERICA'S CHORE!



Why with the state of the state







NOW...Scientific Evidence on Effects of Smoking!





Commercialization of Marijuana







³⁄₄ page ad in the Denver Post, appealing to children plus 99 cent joints

Commercialization of Marijuana



Ad in Value Pack received in mail



Inside that stylish, discreet pen is the latest in vapor technology. So you can take the perfect puff of the good stuff anywhere you want to go.

RETAILERS ... INTERESTED IN CARRYING D.PENVAPE PRODUCTS?

CONTACT US AT ORDERS@OPENVAPE.COM

ADULT

Commercialization of Marijuana



Lots of Retail - Just in Denver

- > 5110 RACE LLC THE SANCTUARY Denver 5110 Race Street, Denver, CO
- JGB VENTURES LLC DANK LLC Denver 3835 Elm Street, Unit B & C, Denver, CO
- WESTERN REMEDIES LLC THE HAVEN Denver 777 Canosa Court, #102, Denver, CO
- NORTH FEDERAL, LLC THE GROVE Denver 74 Federal Boulevard, Denver, CO
- > 3-D DENVER'S DISCREET DISPENSARY LLC 3-D CANNABIS CENTER & 3D DISPENSARY Denver 4305 Brighton Boulevard, Denver, C
- MGI INC KINDMAN Denver 4125 Elati Street, Denver, CO
- ROCKY MOUNTAIN FARMACY INC THE SHELTER Denver 4095 Jackson Street, Denver, CO
- MILE HIGH THERAPEUTIC NETWORK LLC ALTITUDE WEST Denver 1568 South Federal Boulevard, Denver, CO
- DGS INC THE KIND ROOM Denver 1881 South Broadway, Denver, CO
- ALTERNATIVE MEDICINE ON CAPITOL HILL ALTERNATIVE MEDICINE ON CAPITOL HILL Denver 1301 Marion Street, Denver, CO
- > THE GREEN SOLUTION LLC Denver 4400 Grape Street, Denver, CO
- ROCKY MOUNTAIN CAREGIVERS INC THE GREEN SOLUTION, LLC Denver 2601 West Alameda Avenue, Denver, CO
- MAYFLOWER GROUP LLC THE HEALTH CENTER Denver 1736 Downing Street, Denver, CO
- > 5280 MEDS/WELLNESS MMJ AMERICA GOLDEN TRIANGLE Denver 1321 Elati Street, Denver, CO
- MILE HIGH MEDICAL LLC MMJ AMERICA UPTOWN Denver 2042 Arapahoe Street, Denver, CO
- > NUTRITIONAL ELEMENTS INC THE HEALTH CENTER Denver 2777 South Colorado Boulevard, Denver, CO
- COLORADO HEALTH CONSULTANTS LLC STARBUDS Denver 4690 North Brighton Boulevard, Denver, CO
- CITI-MED LLC Denver 1640 East Evans Avenue, Denver, CO
- TREATMENTS UNLIMITED LLC ALTITUDE EAST Denver 6858 East Evans Avenue, Denver, CO
- THE PURPLE DRAGON LLC Denver 2243 Federal Boulevard, Denver, CO
- DKC LLC DENVER KUSH CLUB Denver 2615 Welton Street, Denver, CO
- ALTERNATIVE MEDICINE ON THE MALL LLC NATIVE ROOTS APOTHECARY Denver 910 16th Street, Suite 805, Denver, CO
- GREENER PASTURE COMPASSION CENTER LLC VERDE Denver 5101 East Colfax Avenue, Denver, CO
- > THE TEA POT LLC PINK HOUSE MILE HIGH Denver 2008 Federal Boulevard, Denver, CO
- NATURES CURE III LLC NATURES CURE III Denver 1500 East Colfax Avenue, Denver, CO
- SWEETWATER PARTNERS LLC GOOD CHEMISTRY Denver 330 East Colfax Avenue, Denver, CO
- MMST LLC WELLSPRING COLLECTIVE Denver 1724 South Broadway, Denver, CO
- MEDICINE MAN PRODUCTION CORPORATION MEDICINE MAN DENVER Denver 4750 Nome Street, Unit B, Denver, CO
- STONE TMC LLC THE STONE DISPENSARY Denver 4820 Morrison Road, Denver, CO
- CJJ SERVICES LLC SACRED SEED Denver 5885 East Evans Avenue, Denver, CO
- CANNABIS KING LLC GREENWERKZ Denver 1131 West Custer Place, Unit A, Denver, CO
- DOCTORS ORDERS LLC Denver 1406 West 38th Avenue, Denver, CO







And More

- PAIN MANAGEMENT OF GOVERNORS PARK LLC THE CLINIC CAPITOL HILL Denver 745 East 6th Avenue, Denver, CO
- URBAN CANNABIS LLC HEALING HOUSE DENVER Denver 2383 South Downing Street, Denver, CO
- HIGHLANDS WELLNESS CENTER LLC THE CLINIC HIGHLANDS Denver 3460 West 32nd Avenue, Denver, CO
- METROPOLIS MEDICAL LLC NATIVE BLEND CO. Denver 4600 Ironton Street, Denver, CO
- MILE HIGH MEDICAL CANNABIS LLC Denver 1705 Federal Boulevard, Denver, CO
- COLORADO CARE FACILITY INC Denver 5130 East Colfax, Denver, CO
- + 4625 EAST COLFAX LLC THE CLINIC ON COLFAX Denver 4625 East Colfax Avenue, Denver, CO
- PATIENTS CHOICE OF COLORADO LLC Denver 2251 South Broadway, Denver, CO
- LIVE GREEN CONSULTING LLC PATIENTS CHOICE ON MORRISON ROAD Denver 4000 Morrison Road, Denver, CO
- FLAVORED ESSENTIALS LLC FLAVORED ESSENTIALS LLC Denver 3955 Oneida Street, Denver, CO
- BOTANICO INC BOTANICO Denver 3054 Larimer Street, Denver, CO
- > ORGANIC GREENS INC NATURAL REMEDIES Denver 1620 Market Street, Suite 5W, Denver, CO
- A CUT OFF THE TOP MEDICAL MARIJUANA LLC Denver 2059 West 9th Avenue, Unit A, Denver, CO
- JS INVESTMENTS LLC EUFLORA Denver 401 16th Street, Denver, CO
- WALKING RAVEN LLC Denver 2001 South Broadway, Denver, CO
- > TETRA HYDRO CENTER LLC TETRAHYDRO CENTER LLC Denver 9206 East Hampden Avenue, Denver, CO
- DENCO LLC Denver 3460 Park Avenue West, Unit D, Denver, CO
- GOLDEN MEDS INC GM ENTERPRISE, INC. Denver 4620 Peoria Street, Denver, CO
- COMPASSIONATE CARE GIVERS INC CANNABIS STATION Denver 1201 20th Street, Denver, CO
- COMPASSIONATE CARE GIVERS INC ROCKY MOUNTAIN HIGH Denver 1233 West Alameda Avenue, Denver, CO
- COMPASSIONATE CARE GIVERS INC ROCKY MOUNTAIN HIGH Denver 1538 Wazee Street, Denver, CO
- KAZIMER LLC BUD CELLAR Denver 1450 South Santa Fe Drive, Unit 102, Denver, CO
- LIGHTSHADE LABS LLC LIGHTSHADE LABS Denver 3950 Holly Street, Denver, CO
- KAYAK CORPORATION AMSTERDAM CAFE Denver 1325 South Inca Street, Suite A, Denver, CO
- MAGNA MARKETING INC HERBS 4 YOU Denver 20 East 9th Avenue, Denver, CO
- HIGH COUNTRY SUPPLY LLC COLORADO HARVEST COMPANY Denver 1178 South Kalamath Street, Denver, CO
- EVERGREEN APOTHECARY LLC Denver 1568 South Broadway, Denver, CO
- HOLLY MEDICINAL SERVICES LLC THE CLINIC COLORADO Denver 3888 East Mexico Avenue, Suite 110, Denver, CO
- HERBS NEST LLC Denver 3900 East 48th Avenue, Denver, CO
- 1617 WAZEE STREET LLC LODO WELLNESS CENTER Denver 1617 Wazee Street, Unit B, Denver, CO
- > DISCOUNT MEDICAL MARIJUANA LLC HIGH LEVEL HEALTH Denver 2028 East Colfax Avenue, Denver, CO
- DISCOUNT MEDICAL MARIJUANA LLC HIGH LEVEL HEALTH Denver 970 Lincoln Street, Denver, CO
- DENVER DISPENSARY LLC DENVER DISPENSARY LLC Denver 4975 Vasquez Boulevard, Denver, CO







And More

- WDG INC DENVER MED STOP Denver 5926 East Colfax Avenue, Denver, CO
- CAREGIVERS FOR LIFE LLC Denver 310 Saint Paul Street, Denver, CO
- > TIMBERLINE HERBAL CLINIC AND WELLNESS CENTER LLC Denver 3995 East 50th Avenue, Denver, CO
- COLORADO WELLNESS CENTERS LLC LUSH Denver 2490 West 2nd Avenue, Denver, CO
- SENSE OF HEALING LLC Denver 1005 Federal Boulevard, Denver, CO
- CAM CORP CAM Denver 2394 South Broadway, Denver, CO
- COLORADO WELLNESS INC Denver 2057 South Broadway, Denver, CO
- THE HERBAL CENTER LLC Denver 1909 South Broadway, Denver, CO
- MEDICINAL WELLNESS CENTER LLC MEDICINAL OASIS LLC Denver 6359 East Evans Avenue, Denver, CO
- WANNA LLC STICKY BUDS ALAMEDA Denver 183 West Alameda Avenue, Denver, CO
- > DELTA 9 ALTERNATIVE MEDICINE LLC STICKY BUDS Denver 2262 South Broadway, Denver, CO
- METRO CANNABIS INC METRO INC Denver 8151 East Colfax Avenue, Denver, CO
- GANJA GOURMET LLC Denver 1810 South Broadway, Denver, CO
- NATURES CURE LLC Denver 4283 West Florida Avenue, Denver, CO
- ADVANCED MEDICAL ALTERNATIVES LLC ADVANCED MEDICAL ALTERNATIVES Denver 1269-71 Elati Street, Denver, C
- > F-SQUARED INDUSTRIES LLC WELLNESS CENTER OF DENVER Denver 330 South Dayton, Denver, CO
- TMED LLC TMED Denver 3944 High St., Denver, CO
- VITA WELLNESS LLC IVITA Denver 3980 Franklin Street, Denver, CO
- IVITA WELLNESS LLC IVITA Denver 1660 Pearl Street, Denver, CO
- > THE GIVING TREE OF DENVER LLC Denver 2707 West 38th Avenue, Denver, CO
- MMD OF COLORADO LLC URBA Denver 2609 Walnut Street, Denver, CO
- MMD OF COLORADO LLC URBA Denver 3954 Williams Street, Denver, CO
- GG MERCANTILE LLC HIGHER EXPECTATIONS Denver 1332 South Cherokee Street, Denver, CO
- RIVERROCK LLC RIVERROCK WELLNESS Denver 4935 York Street, Denver, CO
- CURE MEDICAL PHARM INC CURE MEDICAL PHARM INC Denver 990 West 6th Avenue, #5, Denver, CO
- ALTITUDE WELLNESS CENTER LLC Denver 3435 South Yosemite Street, Suite 200, Denver, CO
- SUMMIT WELLNESS LLC Denver 2117 Larimer Street, #1, Denver, CO
- JOIS LLC CANNAMART Denver 3700 West Quincy Avenue, #3702, Denver, CO
- ALCC LLC NEXT HARVEST WELLNESS Denver 2748 West Alameda Avenue, Denver, CO
- THE HERBAL CURE LLC Denver 985 South Logan Street, Denver, CO
- DENVER RELIEF LLC HKS, LLC Denver 1 Broadway, #A-150, Denver, CO
- CO-AGRONOMICS LLC THE GREEN DEPOT Denver 2020 South Broadway, Denver, CO
 HERBAL ALTERNATIVES LLC NEW BROADSTERDAM Denver 2568 South Broadway, Denver, CO







And More



- GMC LLC GREEN MAN CANNABIS Denver 1355 Santa Fe Drive, Suite F, Denver, CO
- SWEET LEAF LLC SWEET LEAF Denver 5100 West 38th Avenue, Denver, CO
- ROCKY MOUNTAIN HIGH MMJ, LLC HIGHER GROUND MMC Denver 2215 East Mississippi Avenue, Denver, CO
- COLORADO FARMS INC LIGHTSHADE Denver 11975 East 40th Avenue, Denver, CO
- HIGH STREET GROWERS, LLC Denver 330 Federal Boulevard, Denver, CO
- BACK TO THE GARDEN HEALTH AND WELLNESS CENTER LLC Denver 1755 South Broadway, Denver, CO
- BEYOND BROADWAY LLC BEYOND BROADWAY, LLC Denver 432 South Broadway, Denver, CO
- DENVER PATIENTS GROUP LLC DENVER PATIENTS GROUP, LLC Denver 2863 Larimer Street, Suite B, Denver, CO
- LIVWELL III LLC LIVWELL III, LLC Denver 2193 West Evans Avenue, Denver, CO
- THE HEALING CENTER OF COLORADO LLC THE HEALING CENTER OF COLORADO LLC Denver 1452 Poplar Street, Denver, CO
- BUDDIES WELLNESS LLC LA BODEGA Denver 1270 West Cedar Avenue, Suite A, Denver, CO
- > SERENITY MOON WELLNESS CENTER LLC FROSTED LEAF Denver 50 Lipan Street, Denver, CO
- ALPINE HERBAL WELLNESS LLC FROSTED LEAF Denver 445 Federal Boulevard, Denver, CO
- COLORADOS BEST INC LACONTES CLONE BAR & DISPENSARY Denver 5194 Washington Street, Denver, CO
- FOX STREET WELLNESS Denver 4773 Fox Street, Denver, CO
- HERBAL HEALTH LLC LOCAL PRODUCT OF COLORADO Denver 419 West 13th Avenue, Denver, CO
- L'EAGLE SERVICES LLC L'EAGLE Denver 380 Quivas Street, Denver, CO
- "Looking for marijuana in Colorado? Here's a map of retail pot shops," coloradoan.com, April 3, 2014



And more....

- Marijuana lobbyists
- Productivity issues
- Safety issues
- Legal issues (Taxes, HR and more)
- Employability issues
- Tourism issues
- Regulation issues
- Black Market issues
- And more....





The Initiative

The last time a legalization initiative was on an Alaska ballot it failed, even though outside marijuana industry interests spent almost \$1 million and opponents spent less than \$30,000. 56% no/44% yes.

Once again, Alaskans will understand that there are too many costs with the initiative.

