

**BRAIN on DRUGs 101**

**GATEWAY.**

**TRENDS**

**Marketing**

**Recognition**



2012

LT. Ed Moses, Retired<sub>1</sub>

# Objectives

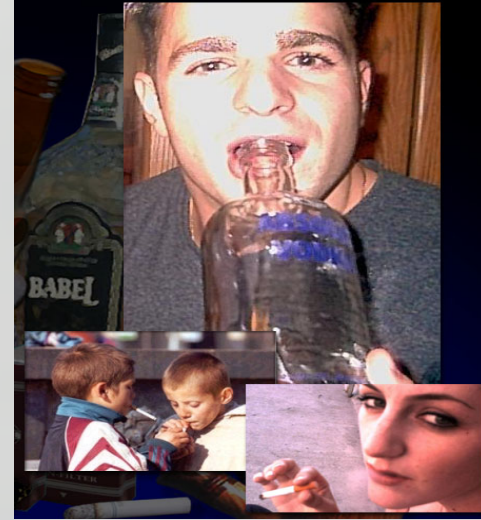
- Define the elements of the gateway theory {#4 DEA, Speaking out against legalization}
- Identify the long term gateway drugs {#6 MTF, Monitoring the future Dr. Johnston}
- Recite the different type and strengths of THC products {#46, DEA}

- Gateway drugs break down psychological barriers against doing other drugs.

–Once you've crossed the line with **any drug**, you're more likely to try or use other drugs.

–**Diminishing highs** encourage **new** drugs to recapture first highs.

<More<Frequent<Stronger<Different



***CHILDREN SEE THE DRUGS, BUT  
NOT THE HARM***

***ADULTS SEE THE HARM, BUT  
NOT THE DRUGS***



# Beginning Drug – Beginning User

- **TOBACCO**

- **ALCOHOL**

- **MARIJUANA**

- **INHALANTS**

- **TRENDS**

- **PHARMACEUTICALS Rx [Pharming]**

OTC                      Speed, Energy drinks, Herbal, DMX

MDMA                      XTC E

CLUB DRUGS              Special K, Roofies

ODYSSEY                  T' s & Blues, Cheese, Toads

STEROIDS                  Roids GHB

SALVIA DIVINORUM      K2 SPICE Ivory Wave

- On any given day in '06, among age 12 to 17: **USED** for **1st time** about:
  - **8,000** Drank **ALCOHOL**
  - **4,000** Smoked a **CIGARETTE\***
  - **3,600** Smoked **MARIJUANA**
  - **2,500** Abused pain relievers
  - **4,300** Used an illicit drug
- The report also said on an average '05 day, more than **76,000** youths participated in outpatient substance abuse treatment

## On any given day in 2006

- 1.2 million teens smoked **cigarettes**
- 631,000 drank **alcohol**
- 586,000 used – marijuana
- 50,000 inhalants
- 27,000 hallucinogens
- 13,000 cocaine
- 3,800 heroin

### 1st Time

4,000

8,000

3,600

# Overview

- Alcohol, tobacco, and marijuana are common types of gateway drugs
  - there is a link between the number of young people who use them and the number that go on to use other drugs
- Alcohol and tobacco are usually the first drugs that young people try.



# Tobacco vs. Alcohol

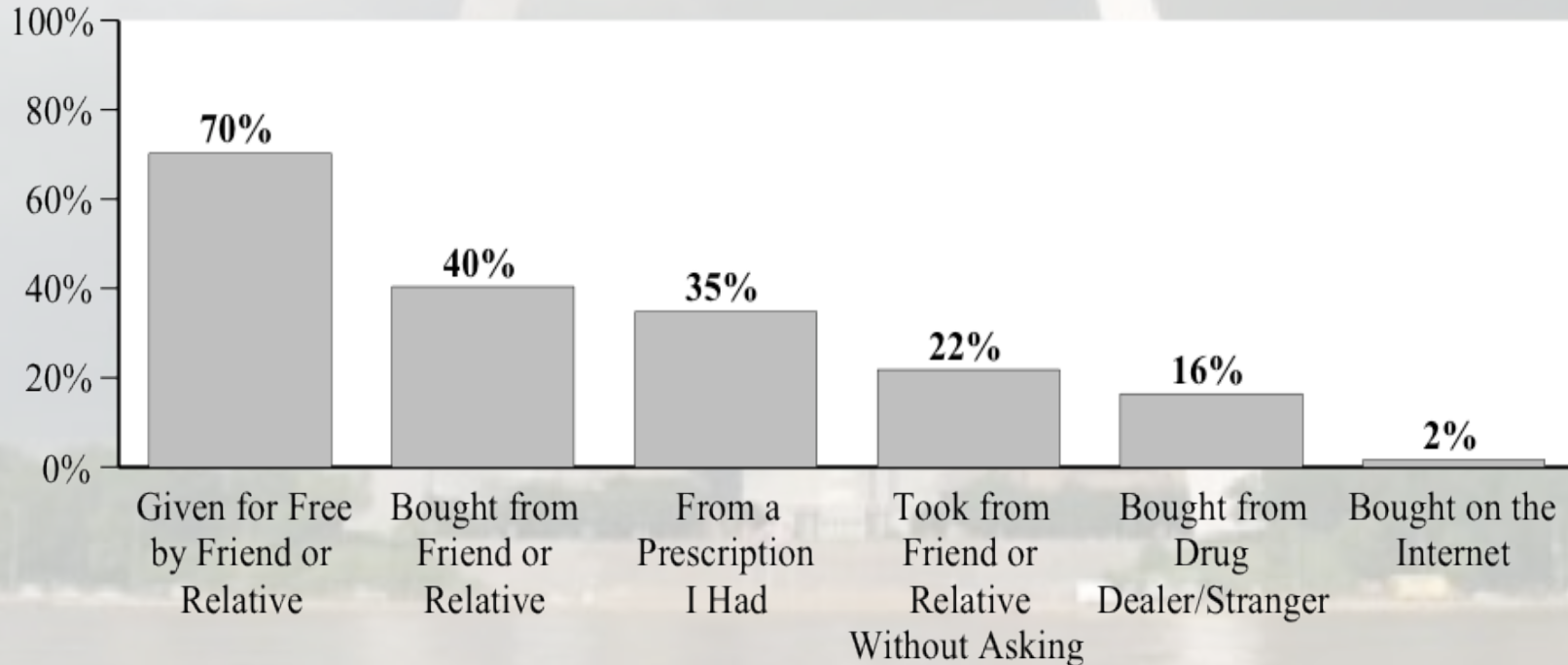
- **1 out of 10** adults will become alcoholics  
**1 out of 7** teens will become alcoholics
- Alcohol addiction teen **6 mo to 3 yr**  
(adult 10 to 30 yr)
- **1 of 3** beginning smokers **will die** from a tobacco related death
- Tobacco addiction can occur in **1 to 3 exposures**

**Rohypnol often causes decreased blood pressure, drowsiness, visual disturbances, dizziness, confusion, gastrointestinal disturbances, and urinary retention. Users of the drug report effects similar to intoxication**

**#1 RAPE DRUG.....?**

**#2-----??????**

**MCSHS** Source of Narcotic Prescription Drugs Used Without a Doctor's Orders,  
Among U.S. 12<sup>th</sup> Graders Who Reported Use in the Past Year  
(2009-2011 Combined Annual Averages)



About **75** percent of prescription drug abusers also take other drugs or drink

**BY THE NUMBERS - Compared** with the rest of their peers, teens who abuse Rx drugs are:

**2** times likelier to use *Alcohol*

**5** times likelier to use *Marijuana*

**12** times likelier to use *Heroin*

**15** times likelier to use *Ecstasy*

**21** times likelier to use *Cocaine*

Source: National Center on Addiction and Substance Abuse at Columbia University.



# XTC Love Drug “X” “E”

- Love Drug - Hugs - Touched - Touching - **Bonding**
- Shut off water / \$5-10.00 water bottles
- Chill Rooms Rented
- Guys double dose girls
- Overdoses Dumped
- Camera “cotton eyes”

**Bonding**  
**BOUQUIN&**

# Harm Reduction ???



Promoting Health and  
Safety in the Rave  
and Nightclub  
Community

A study found that, compared to the nonusers, heavy MDMA users had significant impairments in visual and verbal memory. + Pot exacerbates memory

As had been found in the brain imaging study, MDMA's harmful effects were dose related, the more MDMA people used, the greater difficulty they had in recalling what they had seen and heard during testing.









# MDMA use has dropped in last couple of years - Still High level of use



# Ecstasy (MDMA) dilation





# Toddler in back seat of car tripping on XTC - '08





**Not yet on the federal control list  
24 states illegal,  
Sold openly in legal states /internet**

**[Warning on  
Growing trend]**

## Salvia

- **Salvia is being smoked to induce hallucinations, described by its users as similar to those induced by ketamine, mescaline, or psilocybin.**
- **It is being widely touted on internet sites aimed at young adults and adolescents eager to experiment with these types of substances, also colleges**



*Salvia divinorum leaves*

**[ DEA ]**

# Salvia Divinorum

*Salvia Divinorum* is a perennial herb in the **mint** family native to certain areas of the Sierra Mazateca region of Oaxaca, Mexico. It is one of **500 species** of *Salvia* in the New World is in similar to the **sage plant**. The plant grows in large groupings to well over 3 feet in height. It's large green leaves, hollow square stems and flowers are it's characteristic features. *S. Divinorum* is one of several **vision-inducing** plants employed by the **Mazatec Indians**

# Salvia Divinorum

## Control Status:

- *Salvia divinorum* and salvinorin A are not currently controlled under the Controlled Substances Act. As of September 2010, **24 states** have enacted legislation placing regulatory controls on *Salvia divinorum* and/or salvinorin A.
- Delaware, Florida, Hawaii, Illinois, Kansas, Kentucky, Minnesota, Mississippi, **Missouri**, Nebraska, North Dakota, Ohio, Oklahoma, **South Dakota** and Virginia have placed *Salvia divinorum* and/or salvinorin A into schedule I of state law. California, Georgia, Louisiana, Maine, Maryland, North Carolina, Tennessee, West Virginia and Wisconsin enacted legislation restricting the distribution of the plant.
- Salvinorin A and/or *Salvia divinorum* have been placed under regulatory controls in **Australia, Belgium, Denmark, Estonia, Finland, Italy, Japan, Spain, and Sweden.**



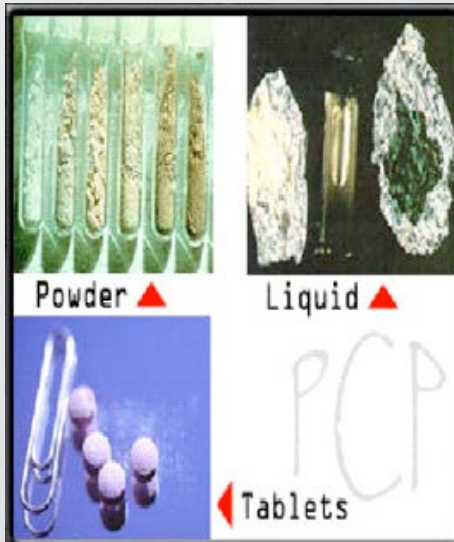
# Toad Licking



- Bufotenine (5-hydroxy-N,N-dimethyltryptamine) is a Schedule I substance found in certain mushrooms, seeds, and skin glands of Bufo toads. In general, most bufotenine preparations from natural sources are extremely toxic.
- Guess 1st “2” abusers??

# Hallucinogens/Depressants

## DISSOCIATIVE



- Phencyclidine (PCP) C I
- Once used as an animal tranquilizer
- “UNPREDICTABLE” !!!

C III

- Synthesized in 1962, while searching for a PCP anesthetic replacement
- Primary use as veterinary anesthetic
- “Date Rape” drug



*DXM dextromethorphan Robo - Coricidin HBP*



# Hallucinogens

- **Schedule III**, Federal CSA
- CNS depressant
- **Dissociative**
- Synthesized in 1962, while searching for a PCP anesthetic replacement
- Legally manufactured in the US
- Primary use as veterinary anesthetic
- “Date Rape” drug

## Ketamine



# Ketamine “special K”

- Higher doses produce an effect referred to as "K-Hole," an "out of body," or "near-death" experience
- Use of the drug can cause delirium, amnesia, depression, and long-term memory and cognitive difficulties
- Due to its dissociative effect, it is reportedly used as a date-rape drug

# "Robo-tripping" or "skittling."

NIDA study 2007

- **The highest frequency of DXM abuse occurred among adolescents aged 15 and 16 years.**
- **The most commonly abused product was Coricidin HBP Cough & Cold Tablets.**
- **This study revealed an increasing trend of dextromethorphan abuse cases.**

# Dextromethorphan - (DXM)

## Plateau effects

- **1<sup>st</sup> plateau : mild inebriation**
- **2<sup>nd</sup> plateau: an effect similar to alcohol intoxication with mild hallucinations**
- **3<sup>rd</sup> plateau: an altered state of consciousness where the abuser's senses, particularly vision, can become impaired**
- **4<sup>th</sup> plateau: mind and body dissociation or an (out of body) experience**



# Overdose Signs and Symptoms

- ✓ **Deep coma, lasting up to 12 hours**
- ✓ **Seizures & convulsions**
- ✓ **Respiratory depression**
- ✓ **Possible cardiac problems**
- ✓ **Bizarre, violent and self-destructive behavior [i.e. **Stupid stuff!!**]**



# Narcotic Analgesics

**Natural Alkaloids:** occur naturally in Opium.



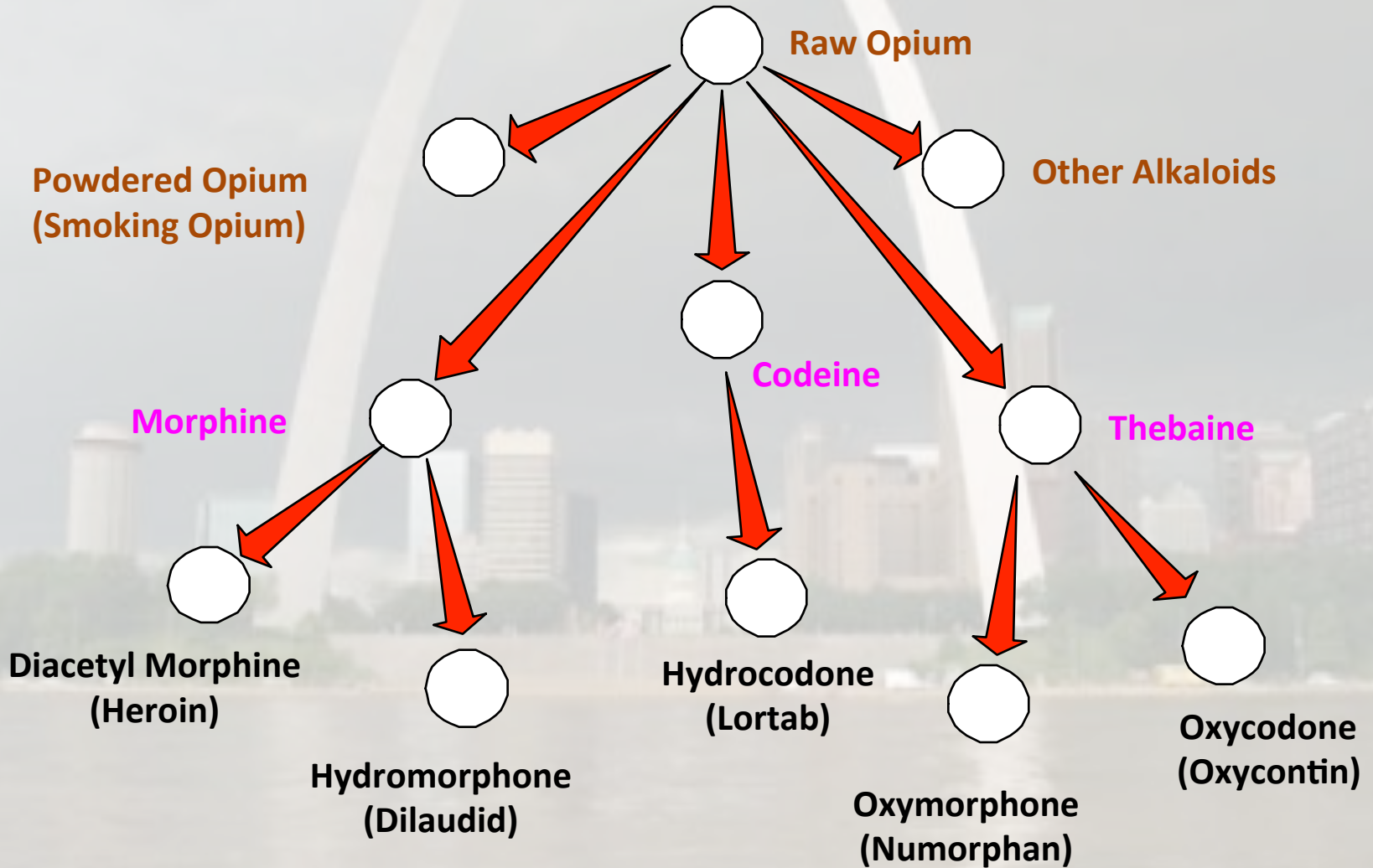
**Synthetics:** chemically produced Narcotic Analgesics with no relations to opium but produce similar effects.

# opium poppy



- Normal Poppy without flowering top
- The new drug scourge
- -----
- **The EYE-POD**

# Commonly-Abused Opiates and Their Derivation From Opium



# Depressants > Narcotics

## *Codeine and Codeine Based Drugs of Concern*

### Codeine

- Schedule II
- Analgesic for mild-to-moderate pain

### Codeine as Ingredient (Tylenol<sup>®</sup> or Emprin<sup>®</sup> with Codeine)

- Schedule III
- Analgesic for mild-pain

### Codeine in Cough Suppressants

- Schedule IV





# Sizzurp from NBA to stars

- Prescription cough syrup known as **promethazine** or **phenergan with codeine** is mixed with **Sprite soda** and **Jolly Ranchers**
- The drug which has been called "**the Purple Sizzurp**" or "**Lean**" or "**Bo**" can run as much as **\$275 a bottle**

**Purple Drank**



# “Cheese” - DEA

- The May, 2006 issue of Microgram Bulletin, a Special Intelligence Brief reported on the phenomenon of “Cheese,” a so-called “starter form” of heroin that is popular primarily among Hispanic youth in the Dallas Independent School District (DISD).
- At that time, analyses of “Cheese” samples showed that it contained acetaminophen, diphenhydramine hydrochloride, and up to 8 percent heroin.
- It is now well established that “Cheese” is manufactured by mixing a small quantity of heroin (probably black tar heroin) with a large quantity of crushed Tylenol-PM<sup>®</sup> caplets (that is, an Over-the-Counter formulation of acetaminophen and diphenhydramine hydrochloride marketed as a sleep aid).



# Inhalants



**1. Volatile solvents (gasoline)**

**2. Aerosols (hair spray)**

**3. Anesthetic gases (Ether)**

# Inhalants

Over 1,000 products If in doubt

call Poison Control [1-800/222-1222](tel:1-800-222-1222)



Any volatile hydrocarbon, volatile solvent or propellant. Toluene, nitrous oxide, hair spray, gasoline, butane, typewriter white out, finger nail polish remover, freon, spray paint, etc. *SSD*





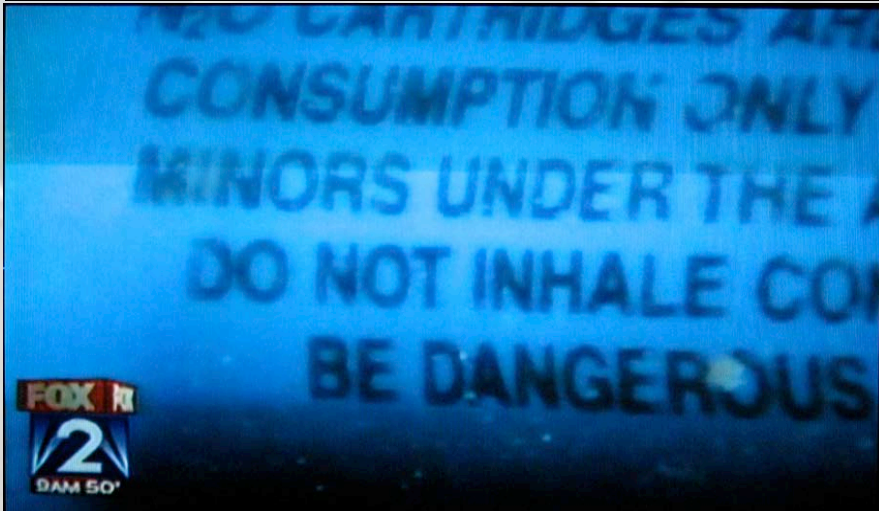
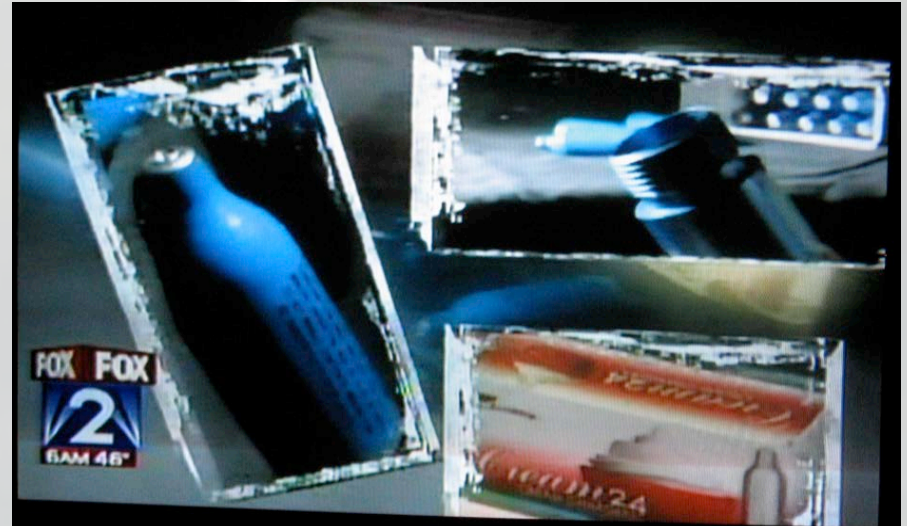
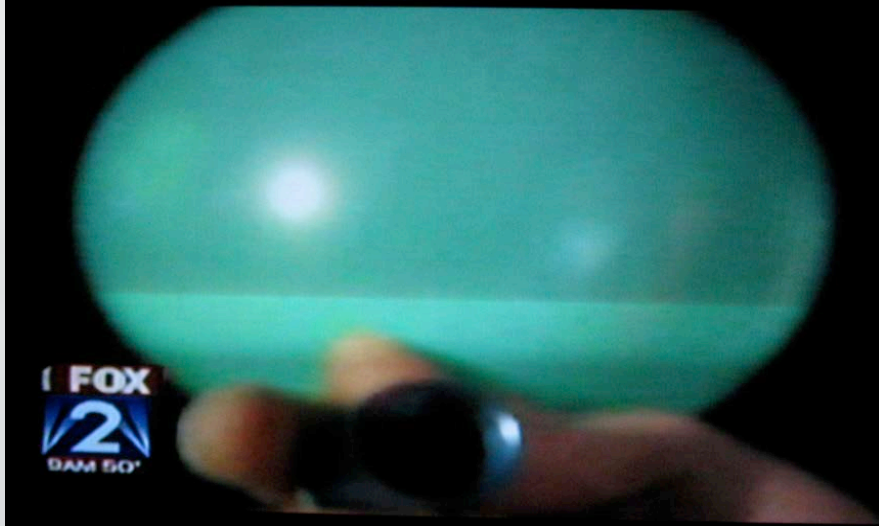
# UK 40% Deaths **NO** Prior Use?

**Sudden Sniffing Death Syndrome. This means the user can die the 1st, 10th or 100th time they use an inhalant.**

**Causes damage to the heart, kidney, brain, liver, bone marrow and other organs.**

**Results similar to FAS - may occur if inhalants used during pregnancy. They are physically/psychologically addicting and have withdrawals..**

# Whippets “laughing gas” Nitrous oxide being sold from a “headshop” in St. Peters, MO 5/10/08; St. Louis Fox News Employees tell customer how to get high on them





# Types Of Cannabis

Trace  
to  
0/ 34%

< 5% to 15% >

< 20% to 40% + >

< ± 95% >

Marijuana

Kronic

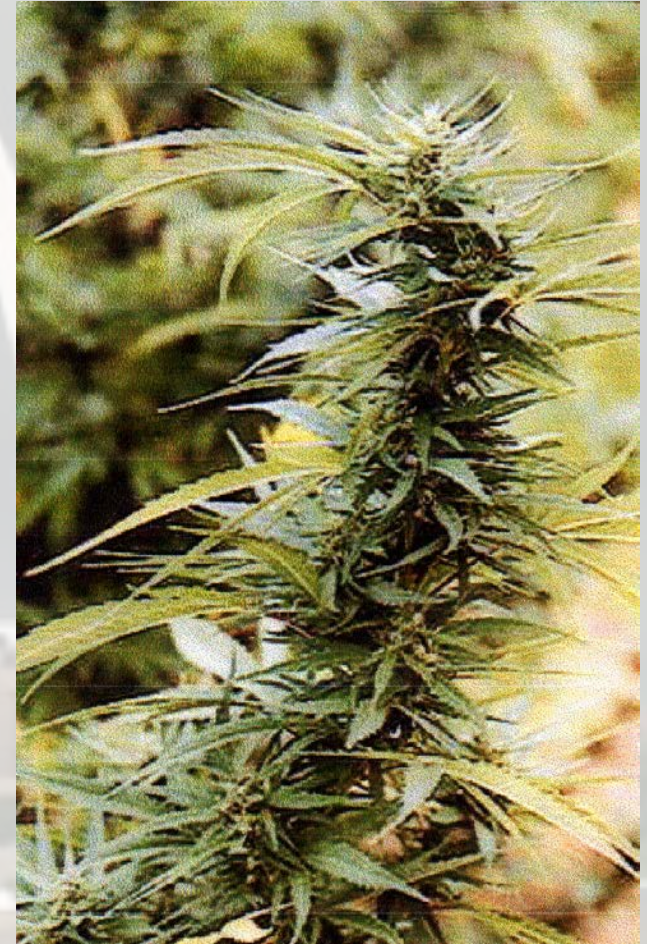
KUSH

Hashish

Hashish Oil

Budder

Marinol Rx



MOON ROCK

**One of the most abused**  
**Therefore one of our biggest Problems**

# Complexity of Marijuana

- Over 420 unstable chemicals
- 66 cannabinoids
- 8 psychoactive
- Smoke over 2,000 chemicals
- Delta 9 THC > Hydroxy 11 > Carboxy 10



## Some Slang Terms

For **M A R I J U A N A**

**Weed, Pot, Herb, Reefer, Joint, J, Doobie, Roach, Bud, Ganja, Splif, Blunt, Number, Needle, Football, Mary Jane, Sh\_t, 13, M, 4 20 [time to toke], and many others**

# SYSTEMS AFFECTED

## Dr. Susan Dalterio

- **BRAIN**
- **IMMUNE**
- **RESPIRATORY**
- **CARDIOVASCULAR**
- **REPRODUCTIVE**



# *Marijuana*

Physicians Desk Reference [PDR]-CANNIBIS:

**Respiratory disorders, decreased pulmonary function, possible increased risk of emphysema and pulmonary cardiac arrest, cardiac conduction abnormalities, premature ventricular contractions, decreased sperm count and motility, menstrual abnormalities**

There are three varieties of cannabis grown for its psychoactive effect. Each strain has distinctive features.

- **Cannabis sativa L.** (marijuana): Species is in the botanical Genus “*Cannabis* L.” – Hemp of the Family “Cannabaceae” – Hemp Family.

- **Cannabis indica** (marijuana) is a subspecies of *Cannabis sativa* L.

- **Cannabis ruderalis** (marijuana) is a subspecies of *Cannabis sativa* L.

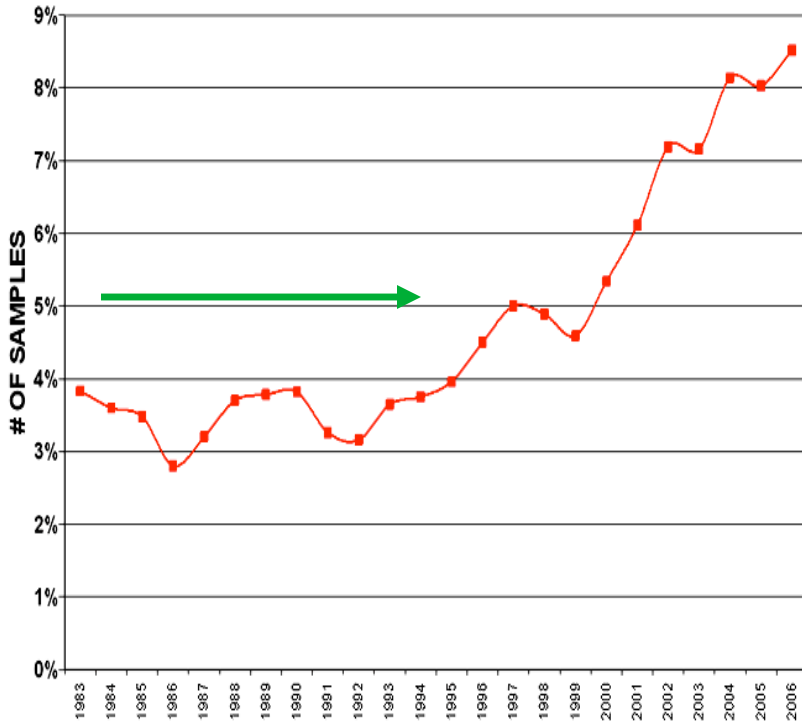
- **And Cannabis variants**





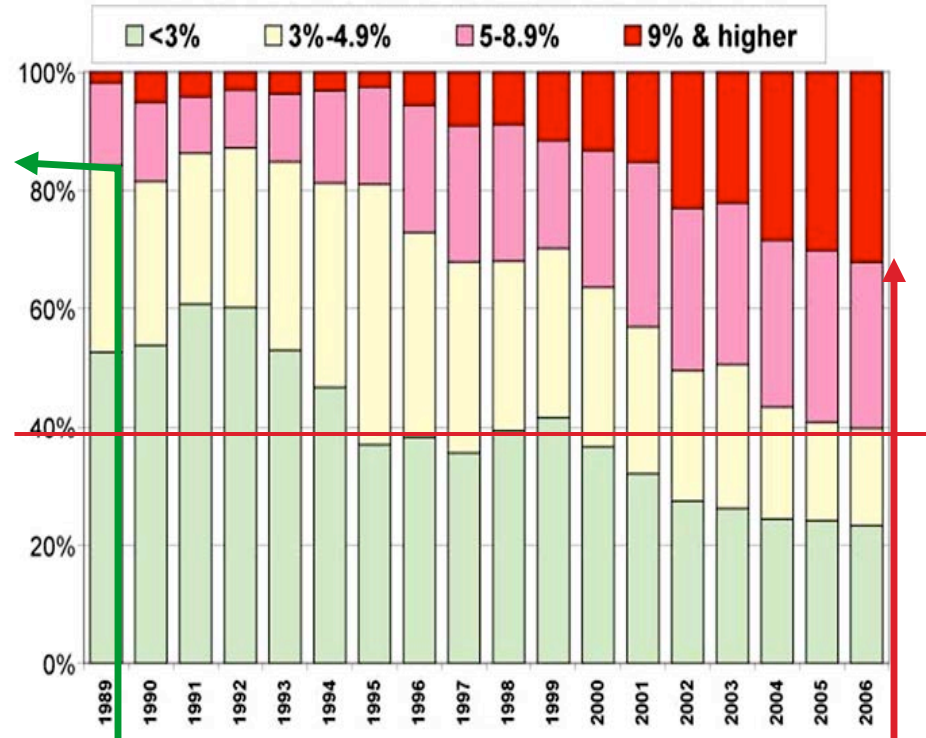
# “BC Bud” over 30% THC - DEA

Seizure Specimen Potency Trend



Source: Univ of Mississippi Marijuana Potency Monitoring Project, Report 95, Jan 9 2007

Potency of All Tested Cannabis Specimens



Source: Univ of Mississippi Marijuana Potency Monitoring Project, Report 95, Jan 9 2007

80%+ u/5%      < '89 '06>      60% o/5%

- University of Mississippi Marijuana Potency Monitoring Project, Report 95, Jan 9, 2007

- **Many methods with the basic principle similar to percolating coffee**
  - **Chopped/ground marijuana is placed in a basket and suspended inside a covered vat**
  - **A solvent is placed in the vat and heat is applied**
  - **Rising vapors condense and the solvent drops into suspended marijuana**
  - **Solvent seeps through marijuana dissolving the THC & other soluble material, which drops into the bottom of the container**



# Glycerin Tincture Marijuana

- The basic process for producing Glycerin Tincture is as follows: (1) Processed marijuana is soaked in a liquid, removing the THC from the marijuana; (2) The mixture is heated; and (3) After a cooling period, the marijuana and remaining liquid are separated. The liquid has a high THC content.
- The user places a few drops of the liquid under his or her tongue, and the drops are absorbed into the body.
- Glycerin Tincture has a honey-like appearance and an odor similar to that of a marijuana bong.
- The substance will not field test positive for marijuana when using a NarcoPouch test, but K-9 dogs have detected the substance in the past.



# It's not your Woodstock's Wild Weed anymore





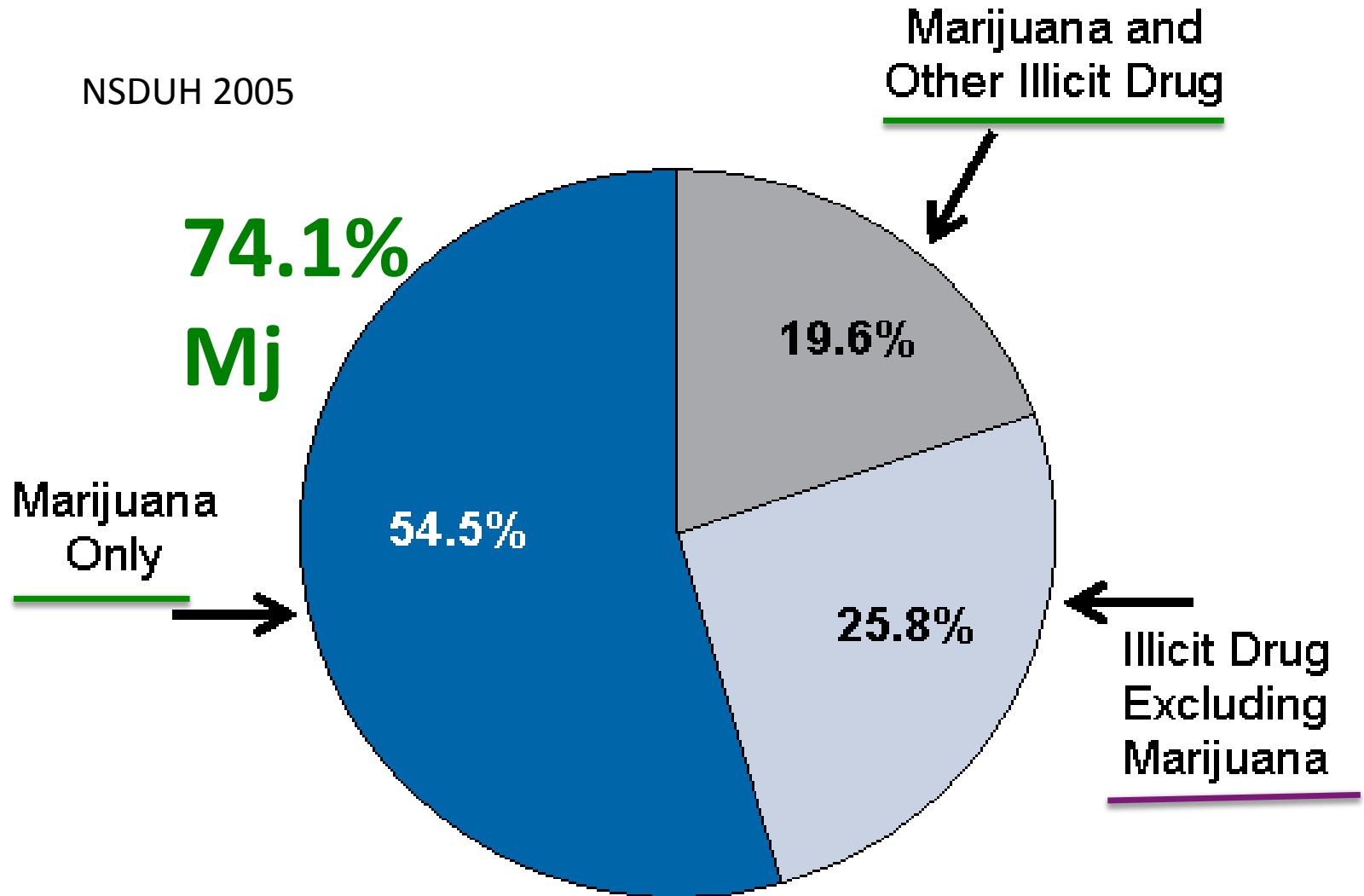
## Marijuana vs. Tobacco

- More tar up to 50% more
- Cancerous compounds higher levels and more of them (1 : 4)
- Hotter irritant
- Deeper inhaled (low tar cigarette)
- Smoke all of it, even roach
- Tobacco non-intoxicating

## Fat Soluble

- **Half life of 3 days**
- **30% a week later**
- **3 to 6 weeks to process out 1 joint**
- **2 to 4 months to lift fog from heavy user**
- **4 years until brain is best it can be**
- **Only DDT stays in body longer & it's inactive in the body**

NSDUH 2005



19.7 Million Past Month  
Illicit Drug Users

- Relationship between smoking and the use of alcohol is clear towards use of marijuana:

- Non-smokers

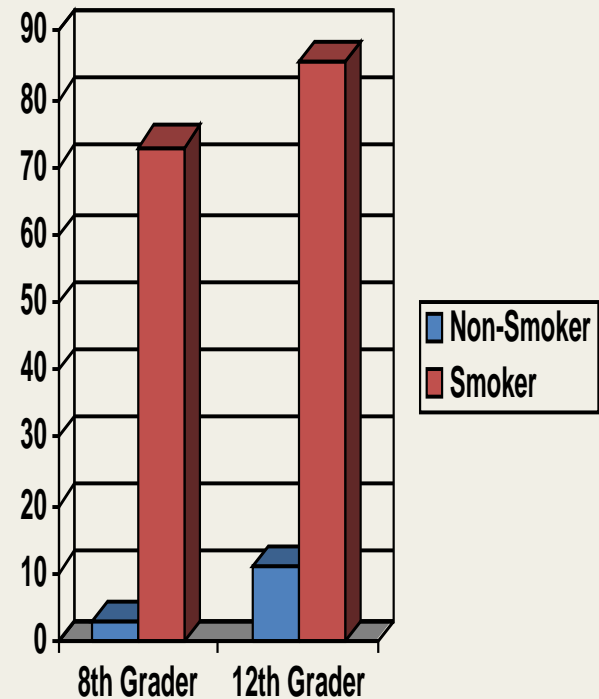
- 2.8% 8<sup>th</sup> Graders
- 11% 12<sup>th</sup> Graders

- Pack-a-day smokers

- 73% 8<sup>th</sup> Graders
- 85.5% 12<sup>th</sup> Graders

Marijuana Use

2001 SAMHSA NHSDA





# Australian Twin Study

JAMA, 1/22/03 Vol 289 No4

- The twin who used **cannabis by 17** was **2.1 to 5.2 times more likely to use other drugs** or be alcohol and drug dependent, than the non using twin. Fraternal or identical little difference.
- **Marijuana major cause drug-related ER visits for medical & psychiatric episodes**
- **Cannabis-related annual admissions in U.S. have passed the ¼ million mark & is rising**

Observe an infatuated adolescent, they are:

Obsessed by “puppy love” -

Cut off old friends or drive them off by..

Talking about him/her constantly

Has to know everything about them, [*favorite color, song, etc.*]

Doodles, drawings

Writes name, initials, +’ s, hearts

***Believes only good, no matter how obvious NOT***

This same unrealistic bonding to substance abuse is reflected in dependant adolescent behavior

## Adolescent Compulsion?

More of Drug

More Frequent

More Potent

More types Drug

How many mono-drug  
abusers do you know???



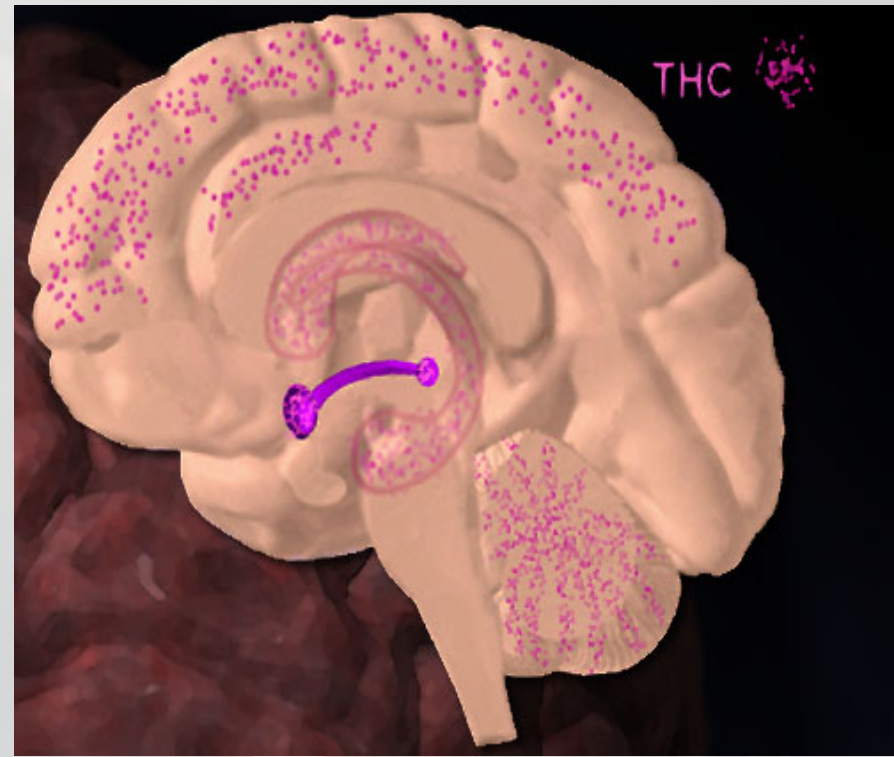


# Marijuana

## Localization of THC Binding Sites

- When a person smokes marijuana, THC, travels quickly to the brain.

- Areas THC (magenta) concentrates
- VTA, nucleus accumbens, caudate nucleus, hippocampus, and cerebellum are highlighted.



THC binds to THC receptors that are concentrated in areas within the reward system as well as these other areas.

- Action of THC in the hippocampus explains its ability to interfere with memory
- Actions in the cerebellum are responsible for its ability to cause incoordination and loss of balance.



# Short Term Memory Loss is no Joke ..... It's Real



# Imaging Study Shows Awareness Deficit in Marijuana

## Abusers

NIDA Addiction Research News

December 11, 2009

- A new study funded by NIDA has used brain-imaging technology to show that during a decision game, chronic **marijuana** users show less activity in an error-processing part of their brains than peers who do not use marijuana.
- The debate, do abusers willfully ignore their problem or whether cognitive deficits prevent them from fully understanding their addiction and its potential consequences
- if drug abusers cannot monitor their behavior accurately, this deficit in awareness may contribute to their continued use of a drug despite the consequences

# TEEN MARIJUANA USE WORSENS DEPRESSION:

ONDCP, May 2008

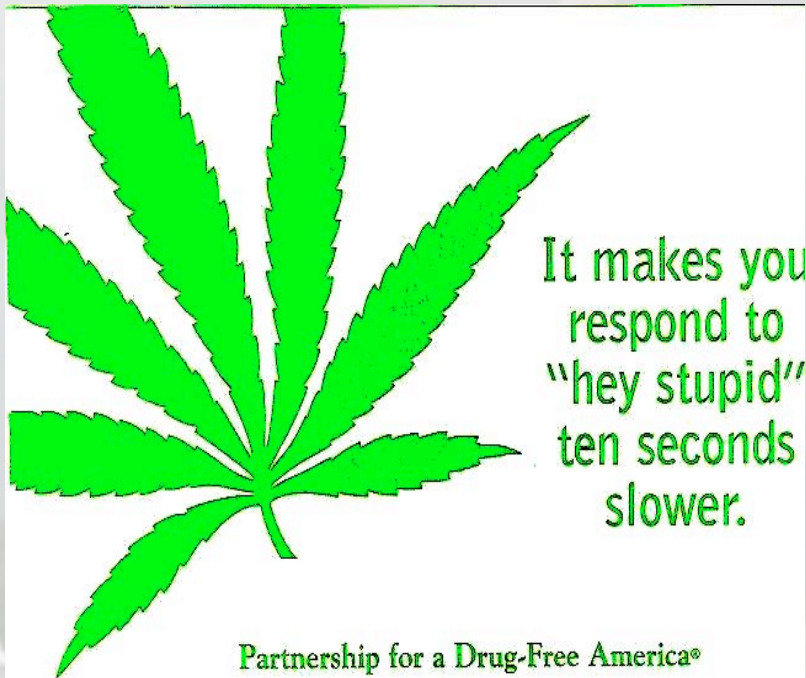
## An Analysis of Recent Data Shows Self-Medicating Could Actually Make Things Worse

- Using marijuana can cause depression and other mental illnesses.
- Depressed teens are twice as likely as non-depressed teens to use marijuana and other illicit drugs.
- Marijuana use can worsen depression and lead to more serious mental illnesses such as schizophrenia, anxiety, and even suicide.
- Teens who smoke marijuana at least once a month are three times more likely to have suicidal thoughts than non-users.



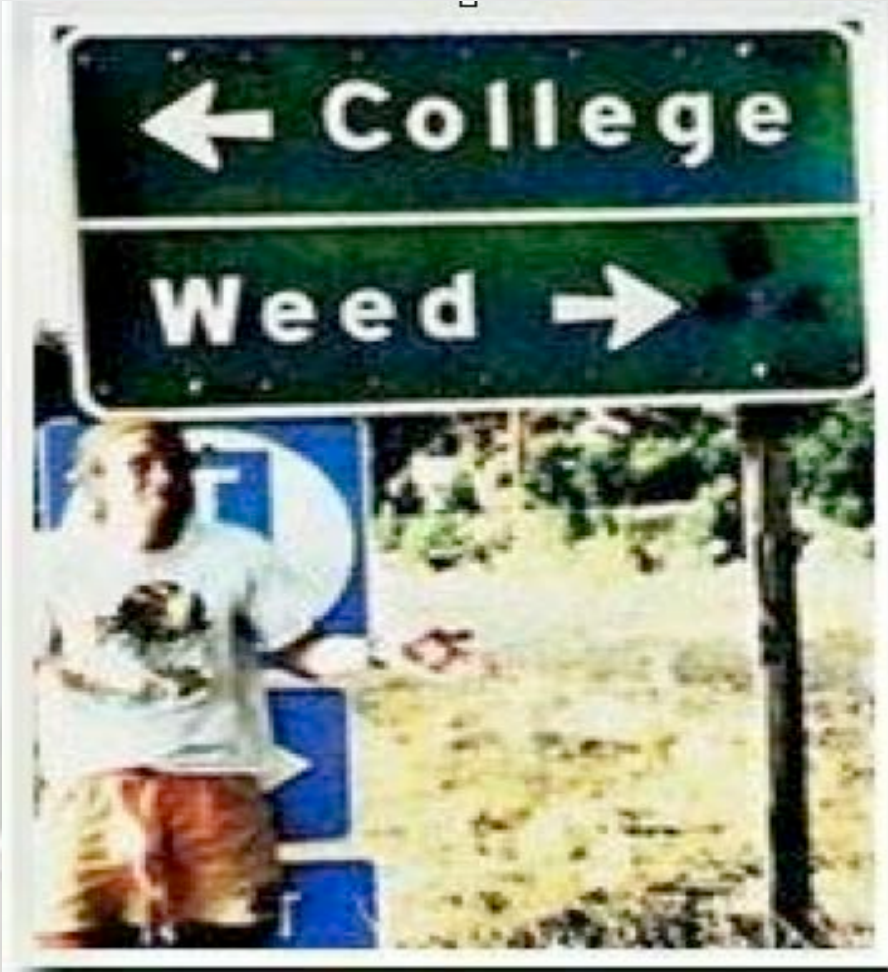
# World's Dumbest Criminals

## Did they have help to be that stupid?



- Pickup bumper ATM
- Call PD 1/2 Pot Stash stolen
- Traded guns for extra cash
- Deposit slip wrong bank
- Used own deposit slip
- 7-11 police next behind him
- Don't move, shot partner
- Bag over head - no holes
- Lay down \$20 grab \$15 run
- Bank application then rob
- In lineup - corrected police

# Speaks volumes



# HOMELESS MAN MURDERED

Former nurse's aid convicted of murder –  
sentenced to 50 years in prison.

She hit a homeless man with her vehicle...

Drove home with his mangled body in the  
windshield ...left him there to die.

*Called drug using friends for advice*



# Fox News 5/9/08



Mom and 2 boyfriends give 2 year old son hits off joint of marijuana in Wisconsin

Obvious he is already a veteran toker





# Danger “Pot” Holes

***\*In Head\****



The high distorts;

- **time, depth, distance, space, glare adjustment, reaction time, tunnel attention, tracking ability, color perception, short term memory, thought process, concentration**

# VICTIMLESS???

May 9, 1999  
New Orleans, Louisiana

Driver of a charter bus crashed and **killed 22 people** ... driver tested positive for **marijuana**

Driver had previously been **fired** from bus company after testing positive for **marijuana**

**4 TIMES**

- 1. Penalties too harsh = “Decrim”
- 2. Right to use = “Recreational” abuse
- 3. Product = Hemp - Rope 2 Dope
- 4. Rx Marijuana = “Weed’ O’ Magic Rx
- 5. Religion = Chief Wanna Doobie - Jesus hemp



NORML's  
MISSION STATEMENT

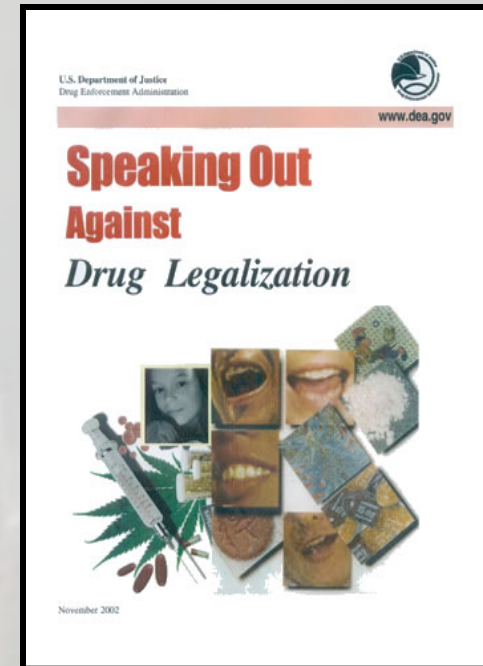
- “NORML’s Mission is to move public opinion\* sufficiently to achieve the repeal of the marijuana prohibition so that the responsible use of cannabis by adults is no longer subject to penalty.”

Adopted by the NORML Board of Directors  
Feb, 27, 1999



# Legalization

- Lobbying groups are making the issue of “States’ Rights” protection under the US Constitution.
  - **Others try to draw parallels between alcohol prohibition and marijuana.**
- Undoubtedly, as professionals you have or you will be confronted by persons challenging you with questions concerning legalization.



[www.dea.gov](http://www.dea.gov)

## *Legalization: Who is behind it?*

In recent years there has been an escalation  
in lobbying groups funded by:

- *George Soros*, [ **\$14 Billionaire** ] World's 35th richest-Forbes  
[quoted in news as making 1.5B more in '08-'09]
- *John Sperling*, U.of Phoenix [ **\$3 Billionaire** ]
- *Peter Lewis*, Chairman Progressive Ins.[ **\$1.1 Billion** ] Forbes

A few of the groups funded

- **National Organization for the Reform of Marijuana Laws (NORML)**
- **Marijuana Policy Project (MPP)**[Lewis **\$3mill** '07; Wikipedia]
- **Marijuana Legalization Organization**
- **Drug Policy Alliance (DPA)**
- Numerous other splinter groups with misleading titles

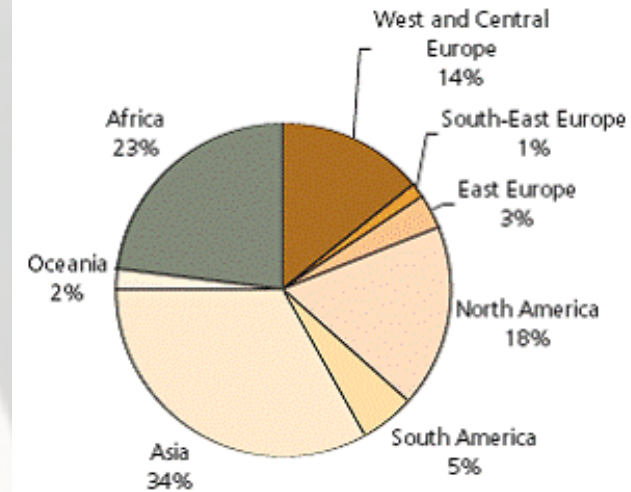
- Nearly half (**49%**) of inmates surveyed in state prisons reported being **under the influence** of drugs or alcohol while committing the offense they were incarcerated for.
- **17%** reported committing the offense for money **to buy drugs**.

**? Maybe #1 Drug Related Reason for Crime is? = S**  
**TU P I D F I C A T I O N**

## Legalization

***Fact 10 - Most non-violent drug users get treatment, not just jail time.***

Fig. 6: Regional shares of global cannabis users



Sources: UNODC, Annual Reports Questionnaire Data, Govt. reports, reports of regional bodies. UNODC estimates.

- There is a myth in this country that US prisons are filled with drug users. This assertion is simply not true.

**1/3 Prison pop. foreign drug criminals,**  
**Dr. John Coleman, DEA Ret.**





- Only 5 % of inmates in federal prison are incarcerated for drug possession
- 
- States are higher at around 27%
- AND that is not for simple possession.....

- FOX News 4/12/08 Arizona SMUGGLING:

IF UNDER 500 LBS. SMUGGLER LET GO

\*90% AZ POSSESSIONS UNDER 500 LBS\*

IN LAST 6 MONTHS 1/2 MILLION LBS NOT PROSECUTED

- IN 1980's 5 TONS OR LESS WAS NOT PROSECUTED IN THE FLORIDA KEYS





# Connect the DOTS



MARK LEFFINGWELL / DAILY CAMERA / AP

**Smoke Is in the Air**  
Thousands of people gather on Norlin Quad at the University of Colorado in Boulder, where the April 20 date has been famously marked for years. This photo was taken at precisely 4:20 p.m., when the entire crowd exhaled at once.

• Stoner Cinema



Connect the dots



## VIOLENCE

**Brazil is 1st in world ranking of homicides  
of 15-19 youngsters**

- 6th in world ranking of homicides
  - » UNICEF  
Feb.2011
- 39,7% of young people (aged 15 to 19) deaths are assassinations



- Others contend with legalization, crime and violence would decrease, believing that it is the illegal nature of drug production, trafficking, and use that fuels crime and violence, rather than the violent and irrational behavior that drugs themselves prompt.....



16 states passed **hemp laws** in conflict to federal law

Arkansas, CALIFORNIA, HAWAII, Illinois,  
Kentucky, MAINE, MARYLAND, Minnesota,  
MONTANA, NEW MEXICO, North Carolina,  
North Dakota, Oregon, VERMONT, Virginia,  
and West Virginia\*

**& ZERO FARMS**

\*States in CAPITAL letters also passed Rx weed

# Can NOT tell by appearance



## “**NORMLIZE**”

- Inferior to all other competing products
- More difficult to harvest and process
- Equates to more cost and less profit
- Need to test for THC % in every plant
- National Paper - Did not make short list
- Ford, said NO to hempsters in US
- Willard, Ohio & Canadian hemp \$10m scam
- US Rep Cynthia Thielan-Hawaii - *Hempcrete*
- BC Hemp > 0/30% THC – Shooting Booths

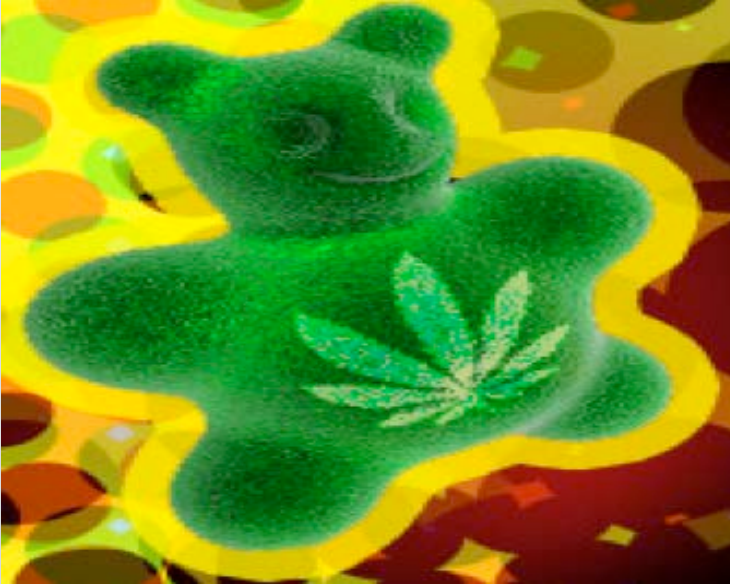


[www.hempcandy.net](http://www.hempcandy.net)

# Hemp Candy

**Welcome to the Worlds Greatest Marijuana Candy Website! Featuring MARIJUANA FLAVORED CANDY, CANNIBUS Chronic CANDY, Hemp Lollipops (Pops, Dum-Dums, Suckers), Marijuana Flavored sweet Gummy Bears, sour gummy bears and marijuana Gum Drops!**

# Marijuana **HEMP** food [NOT FDA approved]





# Marijuana **HEMP** food





# Marijuana HEMP food

## Not FDA approved



## Rx pot

## Legalization

[ \*In CAPS passed Rx & hemp ]

- 16 states - passed Rx “Weed”:
- Alaska, Arizona, CALIFORNIA,  
COLORADO, HAWAII, MAINE,  
MARYLAND, Michigan, MONTANA,  
Nevada, New Jersey, NEW MEXICO,  
Oregon, Rhode Island, VERMONT,  
WASHINGTON



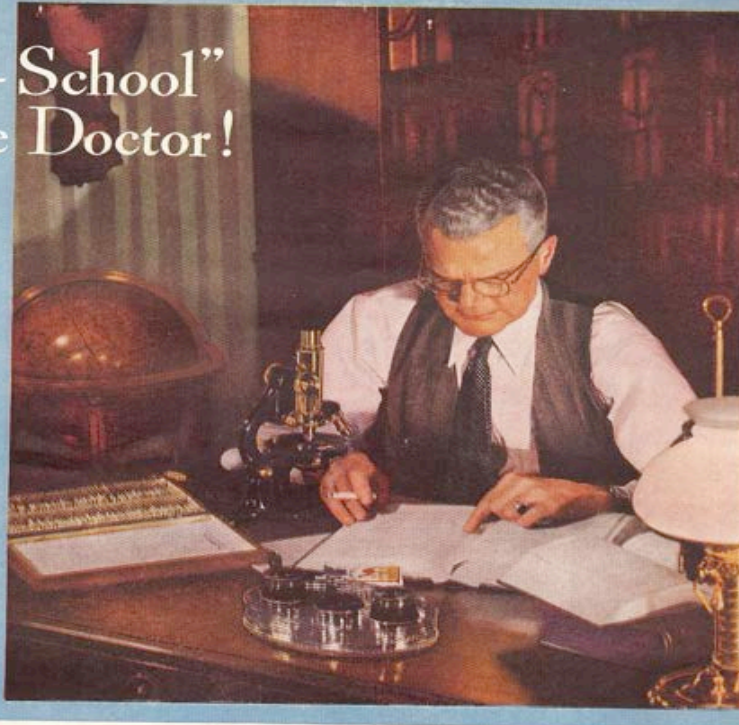
## "Night-School" for the Doctor!

*His years of study  
are never finished...  
for the practice of medicine  
is one of constant change  
...and every change  
is for the better... for you!*

SEVEN long years he studied before those respected initials "M.D." were affixed to his name. And that was only the beginning!

For every new day brings discovery in the field of medicine. Light where once there was darkness... hope where before there was helplessness.

New methods of diagnosis and treatment... new techniques in surgery... new means of preventing disease, of protecting and prolonging life. All these the doctor must know to fulfill his obligation to you... to mankind. That's being a doctor!



*According to a recent Nationwide survey:*

# MORE DOCTORS SMOKE CAMELS THAN ANY OTHER CIGARETTE

• "What cigarette do you smoke, Doctor?"

That was the gist of the question put to 113,597 doctors from coast to coast in a recent survey by three nationally known independent research groups.

More doctors named Camels than any other cigarette.

If you're a Camel smoker, this definite preference for Camels among physicians will not surprise you. If not, then by all means try Camels. Try them for taste... for your throat. That's the "T-Zone" test (*see right*).

### Your "T-Zone" Will Tell You...

The "T-Zone"—T for taste and T for throat—is your own proving ground for any cigarette. For only your taste and your throat can decide which cigarette tastes best to you... and how it affects your throat. On the basis of the experience of many millions of smokers, we believe Camels will suit your "T-Zone" to a "T."



# CAMELS

*Costlier Tobaccos*

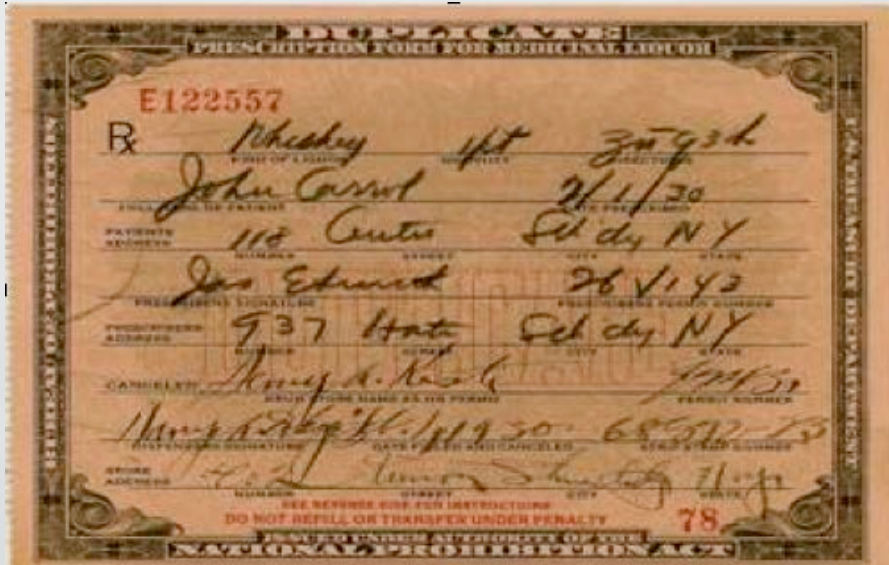
R. J. REYNOLDS TOBACCO CO.  
WILKINSON-REYNOLDS, N. C.

## Rx "weed" not the first smoke "some" doctors recommended

- Some early research even recommended tobacco **smoking was a cure for some illnesses**
- One ploy reportedly used was the company sending free cigarettes to the doctor then calling shortly thereafter and asking what brand they are currently smoking???



## “NORMLIZE”



- Yes, docs could (and did quite often) **prescribe wine, beer and/or whiskey** for "medicinal purposes."  
**Script for 1 pint of Whiskey** [John Coleman DEA Ret]

• CA High School students MJ Rx card  
Fox News 3/07 The doctors sell their recommendations for \$120 to \$200 per card - no exam



1,000 LA “clinics” all illegal says PA  
i.e. “MEDIMAR”

# “NORMLIZE”

Typical Medical Administrator?



**BUD MIGHT:**  
Paul Stanford has carved out a path to become king of



**Oregon's pot jungle.**  
IMAGE: photos by Leah Nash



# Quackery in Rx





# Mexican Cartel with poison

## Aka Rx Pot Supply House

### Washington State Grow Operation



Washington State Patrol

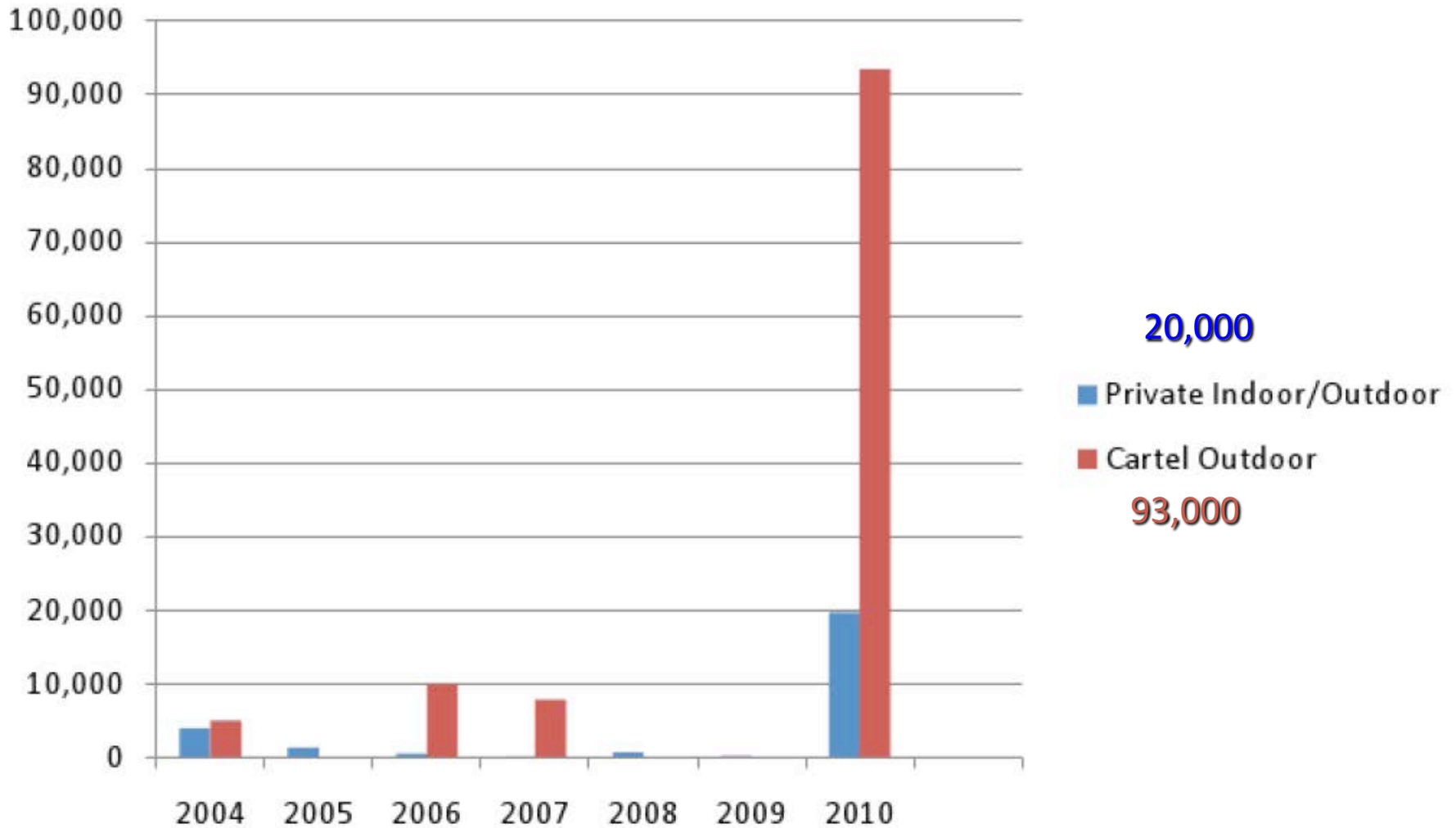
Washington State Police got to this marijuana harvest before the Mexican gangs did.



[View Full Image](#)

Washington State Patrol

A portable pesticide sprayer was found near marijuana plots.



Rafael Caso, Deputy District Attorney  
Sheriff Gil Gilbertson, Josephine County Sheriff



- A San Francisco man claims he was high on a double dose of **medical marijuana** cookies when he **screamed, dropped his pants** and **attacked crew members** on a cross-country flight, forcing its diversion to Pittsburgh, the FBI said Wednesday.
- Opened all restroom compartments???
- "Chan advised he has a medical marijuana card and he took double his normal dose???," the complaint said.

Margaret Philbin, a spokeswoman for the U.S. attorney's office in Pittsburgh, said Chan has a **legally** issued medical marijuana card for a "legitimate" health issue, which she declined to identify.

Really???



**14 states pass**  
**"SELF MEDICATION"**

IRMA PEREZ

SHE LAY **DYING** AFTER TAKING...

**1 ECSTASY PILL**

...HER FRIENDS MISTAKENLY GAVE HER

**MARIJUANA**, THINKING IT WAS  
"MEDICINE"

# Why Marijuana Is NOT A Medicine

Don't buy the "Weed'O'Magic lie!

How many other medicines that people take:

- Are **smoked**? = 0
- Come in **unmeasured** doses? = 0
- Have **unknown strengths**? = 0
- Taken **as often** as patient think needed? = 0
- In **crude form** (like aspirin > tree bark, penicillin > bread mold, etc.)? = 0
- **Voted on** by the public? = 0
- **Circumvent safety** of FDA New Drug Unit testing? = 0
- Contain **no warnings** of harm? = 0
- "**Recommended**" by doctors, not prescribed? = 0
- Medical **examination NOT** required = 0
- Exempt from state **regulations** by the compliance authorities = 0
- Allow a person to **grow** or produce their own **medicine**? = 0
- Allow some unnamed **doper dude** to **hold** patients **stash/medicine**? = 0

**ONE exception would be amazing, but all of them?**

**UNBELIEVABLE!**

# California data is insufficient to determine what is being treated

There is no requirement for users to register so it is unknown how many are using medical marijuana but estimates are 300,000-400,000 statewide

There is no statewide database on users

The most solid data is in San Diego

- 98% are treating "pain"
- 2% are treating AIDS, cancer and/or glaucoma
- 12% of users are under 21



■ Pain

■ AIDS  
cancer  
glaucoma



Opposed to **“Weed’O’ Magic” Rx**

**AMERICAN MEDICAL ASSOCIATION**

**THE INSTITUTE OF MEDICINE**

**NATIONAL MULTIPLE SCLEROSIS SOCIETY**

**CENTER for MEDICAL CANNABIS RESEARCH**

**BRITISH MEDICAL ASSOCIATION**

**AMERICAN LUNG ASOCIATION**

**American Glaucoma Society**

**American Academy of Ophthalmology**

**United States Supreme Court 8-0**

# WEED O' MAGIC

Watered by the poisoned well



UNFORTUNETLY THERE WILL MAY BE  
MANY MEDICAL BENEFITS IN THE  
CANNABIS PLANT SAME AS NUMEROUS  
OTHER PLANTS...

HOWEVER, THE VERY PEOPLE CLAIMING  
COMPASSION HAVE BEEN BLAMED AS  
THE CULPRITS SLOWING THE RESEARCH  
BY MAKING LEGALIZATION THEIR SOLE  
CAUSE

# Vapor Rush e-smoke pot

## Join the Hemp Coalition!

- Available in Kief and Virgin
- Supports Body's Ability to Process Alcohol
- Potent Antioxidants/Amino Acids & Hemp protein powder for Health and Beauty



Smoke your green without a lighter, smell, even weed! E-cig technology to smoke anywhere: restaurants, malls, even offices!

Enter your email address to WIN A FREE GIFT and subscribe to our newsletter with exciting promotions, news alerts and upcoming events.



## Canna Consumables





# Hidden drugs - Hidden

**“NORMLIZE”**



**Some real “BAD EGGS”  
are behind all this**

# Cannabis

- Marijuana < 1 to 5% 5-9% BC o/ .33% >
- Hashish < 5% to 15% >
- Hash Oil < 20% to 40% + >
- Honey hash-Moon Rock <85%>
- Budder < ± 95% THC !!! >.
- One of the most abused
- Therefore one of our biggest Problems



Alcohol & Tobacco have caused  
Significant Health, Social, and Crime Problems  
- another Legalized Drug would only make the  
Situation Worse.

All illegal drugs combined = less death, injury, costs

Alcohol is #1 killer of teens

Tobacco is #1 killer of adults

Marijuana could become...  
#1 problem



- There is a growing misconception that some illegal drugs can be taken safely
- Drug use can be deadly, far more deadly than alcohol if legalized.

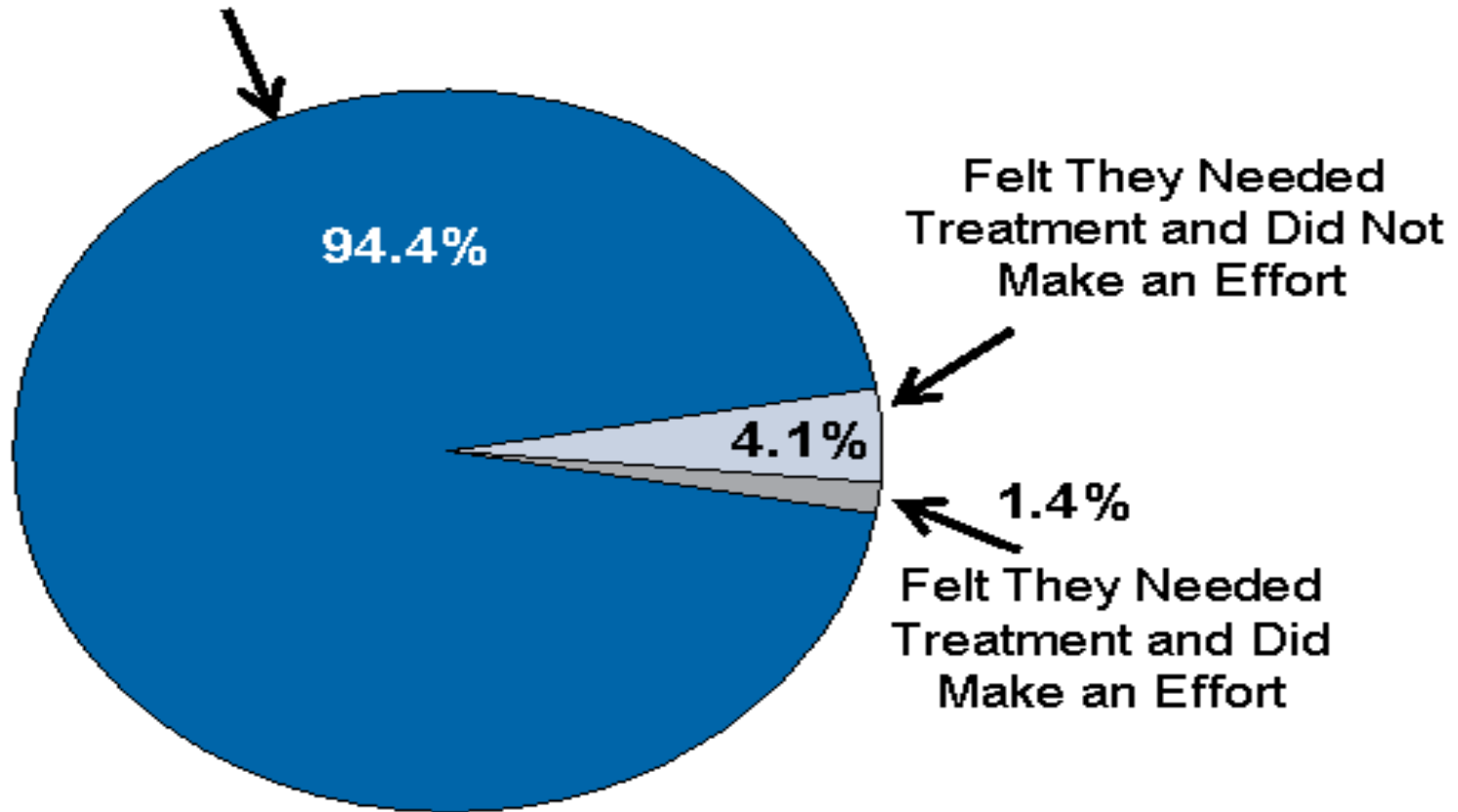
– According to CDC, during 2000, there were

| <u>CDC</u>      |                         | <u>Dealers</u> | <u>Research</u> |
|-----------------|-------------------------|----------------|-----------------|
| – <u>17,000</u> | Drug-induced deaths;    | [6k-50k]       |                 |
| <u>103,000*</u> | Alcohol-induced deaths, | [50k-200k]     |                 |
| <u>435,000</u>  | Tobacco-induced deaths. | [300k-500k]    |                 |

– \*Including **18,000** Alcohol traffic crashes [MADD]

# MCSHC Past Year Needed Treatment Age 12 & up NSDUH '05

Did Not Feel They Needed Treatment



20.9 Million Needing But Not Receiving Treatment for Illicit Drug or Alcohol Use

# Currently 62 “Coffee Shops”

18 near schools to close

by 6’ 09

– Heroin addicts have tripled-quadrupled

– Increased crime

– World’s Largest export of ecstasy





- The head of Holland's best-known drug abuse rehabilitation center has described what the new drug culture has created:
  - *—The strong form of marijuana that most of the young people smoke produces “a chronically passive individual—someone who is lazy, who doesn't want to take initiatives, doesn't want to be active—the kid who'd prefer to lie in bed with a joint in the morning rather than getting up and doing something.”*

Not all Europe has liberalized drug laws

- **Sweden, Finland, and Greece have the strictest policies against drugs**
- **15-16 year old in EUROPE '05 av 22% +**
- **In Sweden 8% same year > in '06 = 6%**
- **Sweden's zero-tolerance policy is widely supported. Drug use is relatively low in the Scandinavian countries.**
- **4/30/08 England after 4 years as class C reclassified marijuana back up to class B.**

Marijuana continues to be the most available and widely abused illicit drug in the United States.

The effects that marijuana has on our society is appalling.

Marijuana has the potential to become our new #1 drug problem, thanks to the funding from billionaires George Soros, Peter Lewis, & John Sperling.



- “Its only **alcohol** and **tobacco**” – think again
- Youth develop behaviors when using **alcohol** and **tobacco** that can be associated with using drugs
- The willingness to take chances and -
  - How can I **obtain** illegal substances?
  - How **much** of the substance do I use?
  - How can I **control** the side effects?
  - How can I **hide** what I have done and lie about it?
  - How can I deal with the **guilt or shame** over what I have done?



# The 1,000 word picture!



**Do we really want to encourage mediocracy**

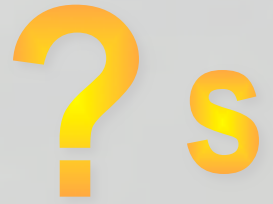


# Resources

American Council for Drug Education <http://www.acde.org/>  
Americans For Drug Free Youth <http://www.americansfordrugfreeyouth.org/Home.htm>  
CDC Youth Risk Behavior Surveillance <http://www.cdc.gov/mmwr/preview/mmwrhtml/ss5505a1.htm>  
DAWN Drug Abuse Warning Network <https://dawninfo.samhsa.gov/default.asp>  
DEA Drug Enforcement Administration <http://www.dea.gov/>  
DEC Idaho Conf. Material [http://www.isp.state.id.us/DEC\\_Conference/materials.html](http://www.isp.state.id.us/DEC_Conference/materials.html)  
Dept of Education [http://www.ed.gov/parents/academic/involve/drugfree/tips\\_pg6.html](http://www.ed.gov/parents/academic/involve/drugfree/tips_pg6.html)  
Drug Watch International <http://www.drugwatch.org/>  
Monitoring the Future <http://www.monitoringthefuture.org/>  
National Families in Action <http://www.nationalfamilies.org/>  
National Institute on Alcohol Abuse and Alcoholism <http://www.niaaa.nih.gov/>  
National Survey Drug Use and Health 2005 <http://oas.samhsa.gov/NSDUH/2k5NSDUH/2k5results.htm>  
NHTSA <http://www.nhtsa.dot.gov/people/injury/TSFLaws/PDFs/810727W.pdf>  
NIDA National Institute on Drug Abuse <http://www.nida.nih.gov/>  
Office of National Drug Control Policy <http://www.ondcp.gov/>  
Parents the Antidrug <http://www.theantidrug.com/>  
Partnership For a Drug Free America <http://www.drugfree.org/>  
PRIDE Surveys <http://www.cspinet.org/booze/FactSheets/PRIDE2000.htm>  
Student Drug Testing <http://www.studentdrugtesting.org/>  
Substance Abuse and Mental Health Services Administration  
SAMHSA <http://prevention.samhsa.gov>  
SAMHSA Family <http://www.family.samhsa.gov>  
SAMHSA <http://www.oas.samhsa.gov/NHSDA/TeenAlc/teenalc.pdf>



# Lesson Sources



All [www.](#)

[Whitehousedrugpolicy.gov/hidta/midwest.html](http://Whitehousedrugpolicy.gov/hidta/midwest.html)

[Dea.gov](http://Dea.gov)

CDC Youth Risk Behavior Surveillance

[cdc.gov/mmwr/preview/mmwrhtml/ss5505a1.htm](http://cdc.gov/mmwr/preview/mmwrhtml/ss5505a1.htm)

[Inhalants.org](http://Inhalants.org)

[Monitoringthefuture.org](http://Monitoringthefuture.org)

[preventionminnesota.com](http://preventionminnesota.com)

[isp.state.id.us/DEC\\_Conference/materials.html](http://isp.state.id.us/DEC_Conference/materials.html)

[nlm.nih.gov/medlineplus/druginfo/medmaster/a682492.html](http://nlm.nih.gov/medlineplus/druginfo/medmaster/a682492.html)