2008 Marijuana Sourcebook

MARIJUANA: THE GREATEST CAUSE OF ILLEGAL DRUG ABUSE



Office of National Drug Control Policy Executive Office of the President Washington, DC 20503

July 2008

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INTRODUCTION

This Chartbook recognizes marijuana as a major component of the illicit drug problem. Major progress has been achieved in reducing youth marijuana use; nevertheless, the overall demand for marijuana remains strong.

The supply of cannabis is complex, involving domestic and foreign growers — both outdoor and indoor — as well as intricate networks that involve not only conventional drug traffickers, but also established social networks of friends and family. The potency of cannabis has risen dramatically in the past two decades, with concomitant abuse and dependence consequences reflected in increasing cannabis-related emergency and treatment events.

Today, in addition to traditional methods of promoting and consuming the drug, marijuana is being marketed as candy to young people, the next generation of potential buyers.

The data summary on these pages looks at marijuana use patterns and trends, health

effects, criminal justice aspects, the supply network, and the issue of so-called medical marijuana.



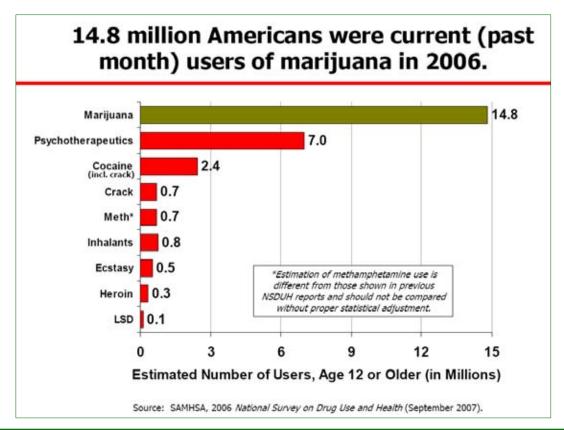




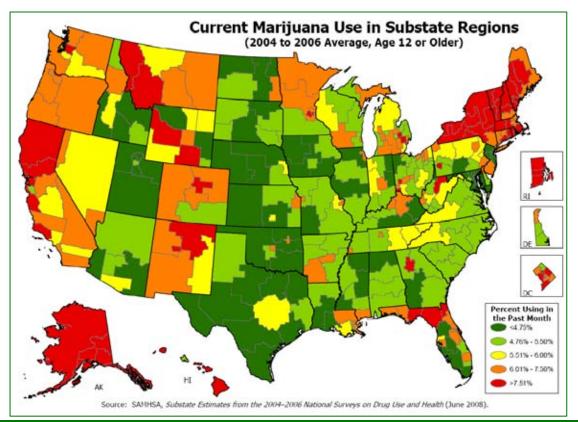


hotos: Drug Enforcement Administration.





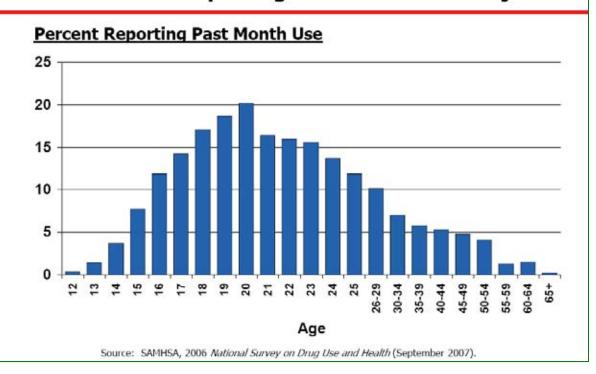
² Marijuana Use Rates Vary Across the Country



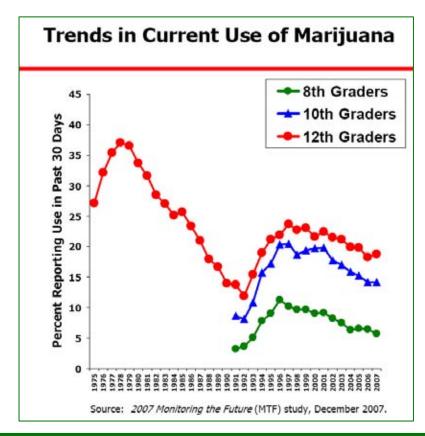
Age Variability in Marijuana Use

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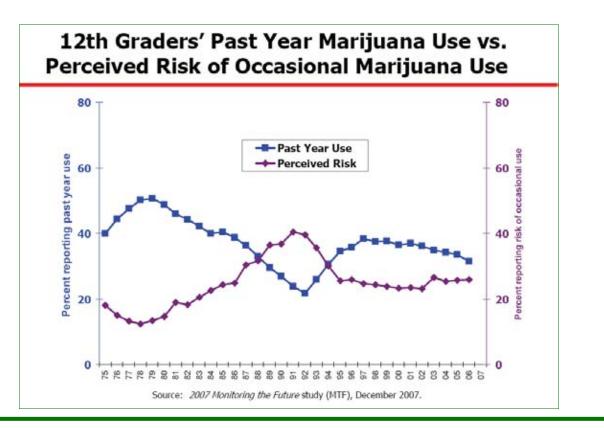
Marijuana use rates accelerate to a peak at age 20, with one in five reporting current use of marijuana.



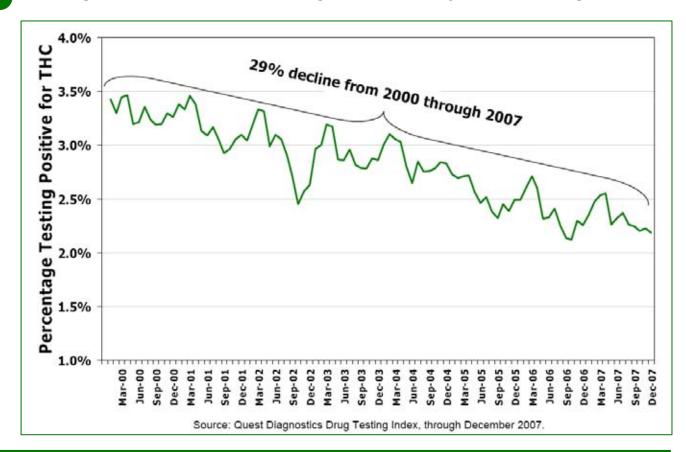
Marijuana Use Among Youth

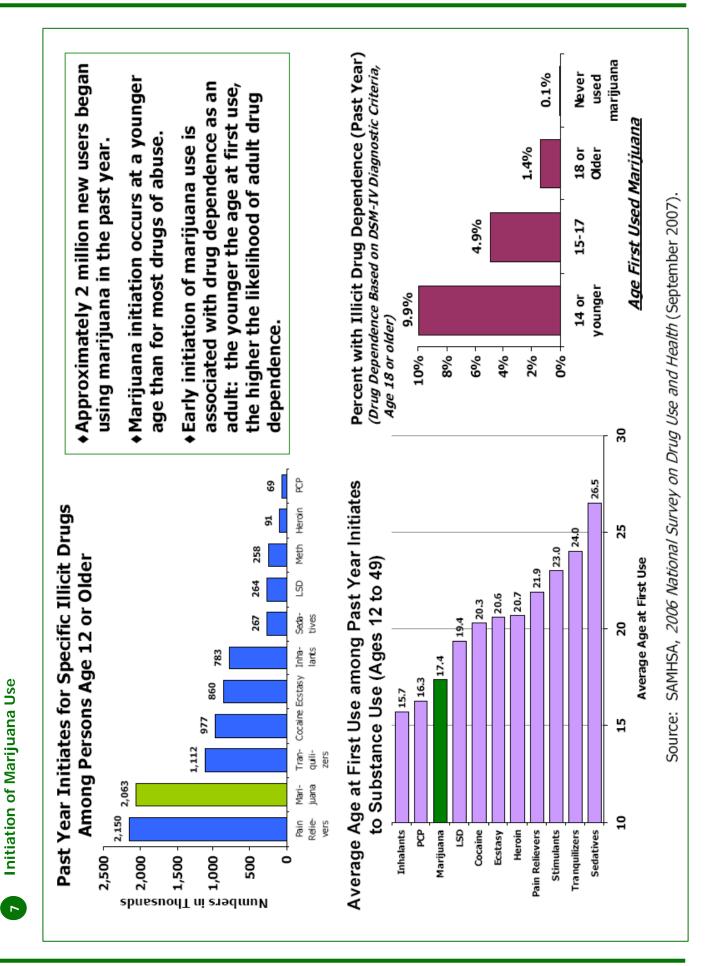


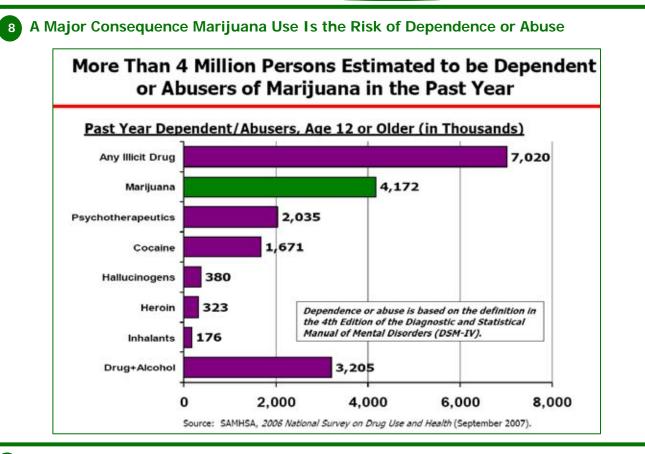




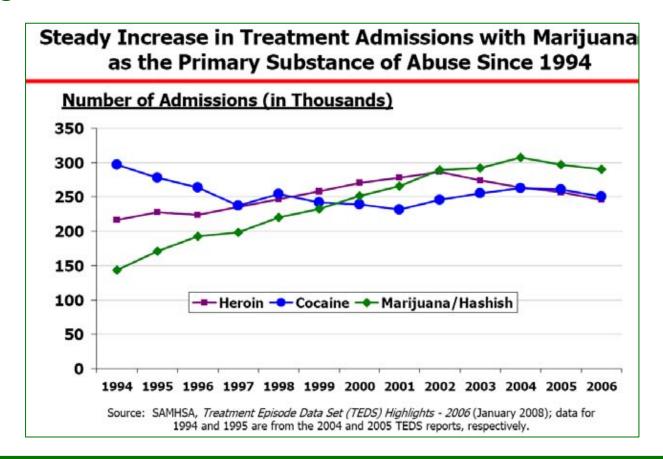
Percentage of National Workforce Testing Positive for Marijuana Is Declining





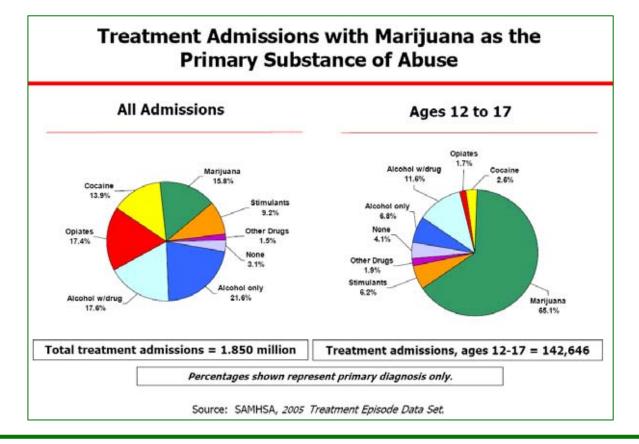


Growing Need for Marijuana Treatment



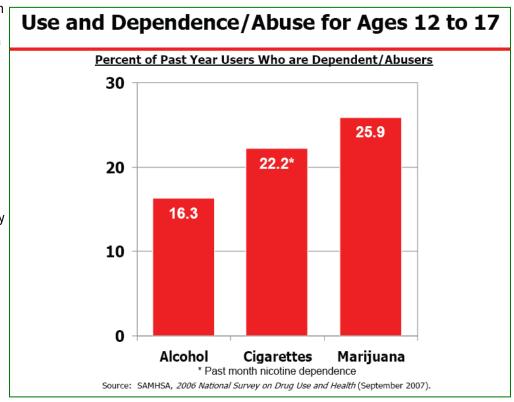


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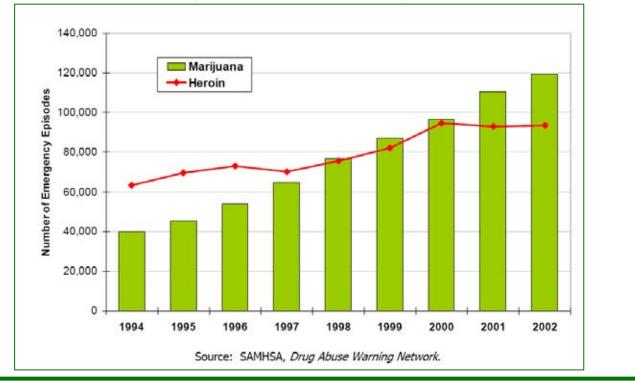
For Younger Users, Marijuana Is More Addictive and More Dangerous

According to NSDUH, one in four 12- to 17-year-olds who report using marijuana in the past year display the characteristics of abuse or dependency. For younger users, the risk of marijuana abuse or dependency exceeds that for alcohol or tobacco. Recent research supports the "gateway" dimension of marijuana that its use creates greater risk of abuse or dependency on other drugs, such as heroin and cocaine. Marijuana use itself is a serious risk, not only for addiction, but also is an added risk for developing psychosis, including schizophrenia.



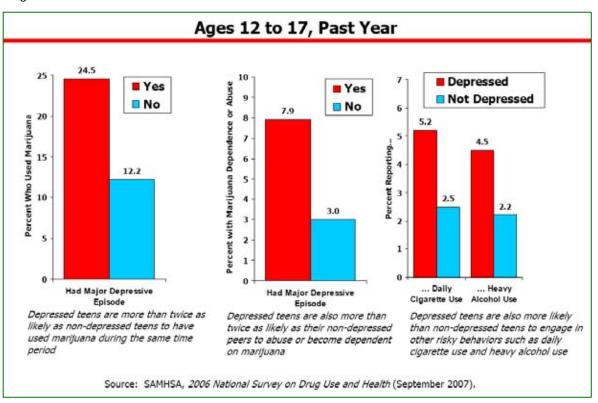
12 The Burden on Emergency Departments Has Been Increasing

Emergency department episodes involving marijuana almost tripled from 1994 to 2002. Marijuana steadily increased over that decade, surpassing heroin — which remained relatively flat — in 1998.



Marijuana Use Is Associated with Mental Health Disorders

Marijuana use is associated with depression, suicidal thoughts, and suicide attempts. Besides the links to depression shown below, teens who smoke marijuana at least once a month are three times more likely to have suicidal thoughts than non-users.



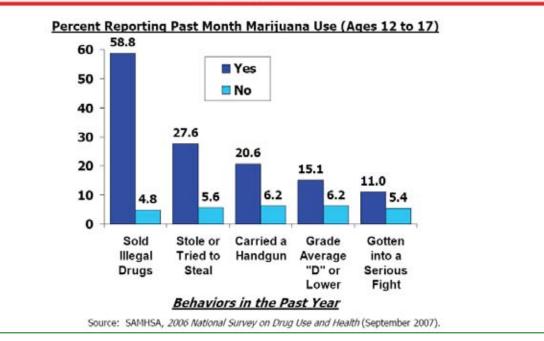
14 Marijuana Growers Present Environmental Hazards



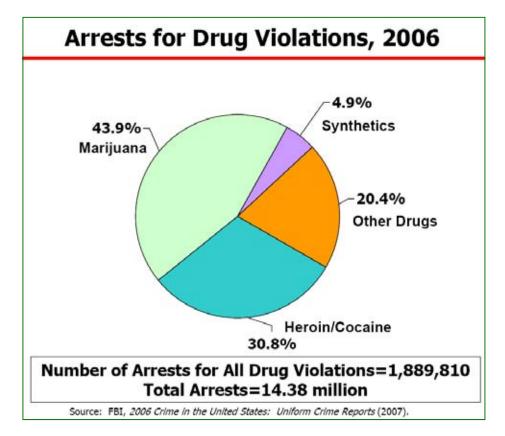
CRIMINAL JUSTICE ASPECTS

15 Juvenile Delinquent Behavior Is Closely Associated With Marijuana Use

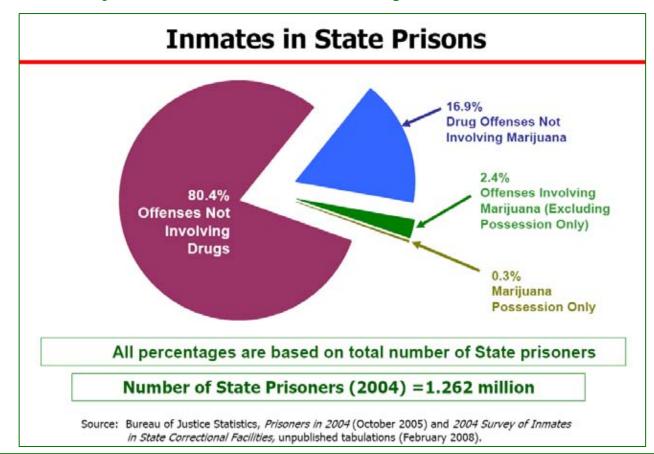
Youth who engage in anti-social behavior are far more likely to use marijuana than those who do not engage in these behaviors.





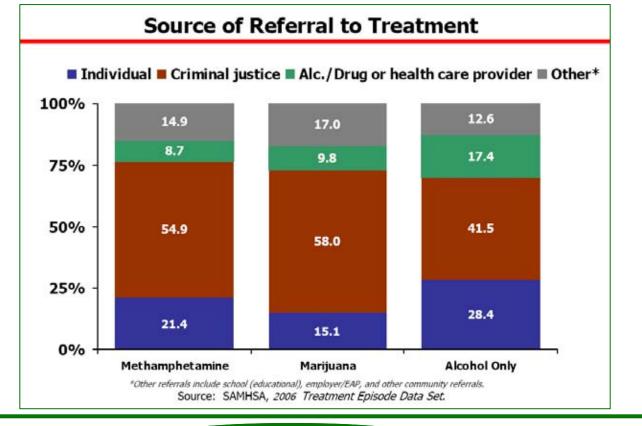


17 However, Marijuana Arrests Do Not Translate to a Large Share of Offenders in Prison

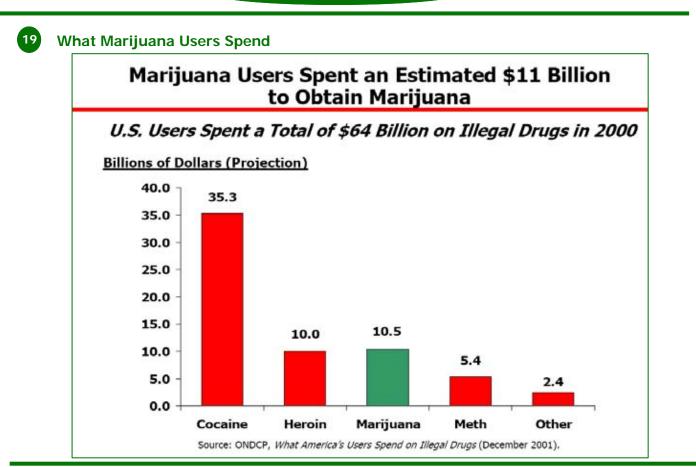


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18 Substantial Proportions of Treatment Referrals for Marijuana, Methamphetamine, and Alcohol Are from the Criminal Justice System

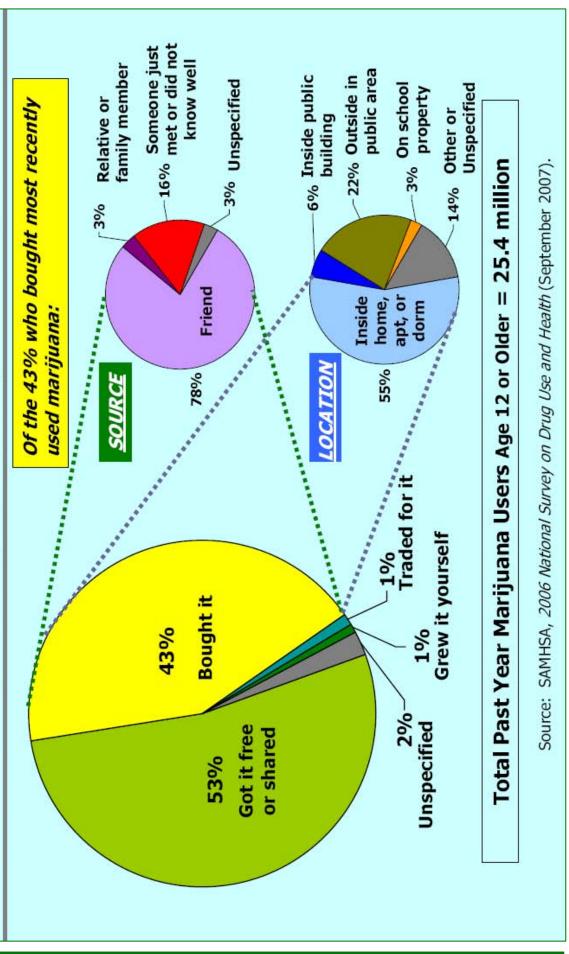


SUPPLY SITUATION



User Social Networks Are Essential Conduits for Obtaining Marijuana for Individual Use

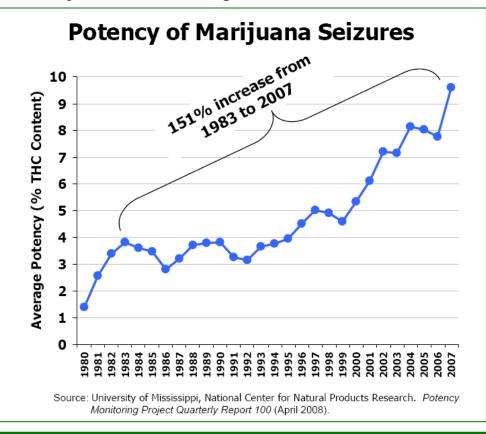




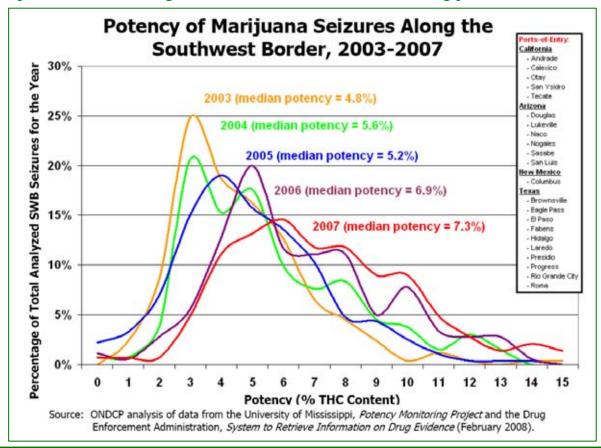
Marijuana Potency Has Been Increasing

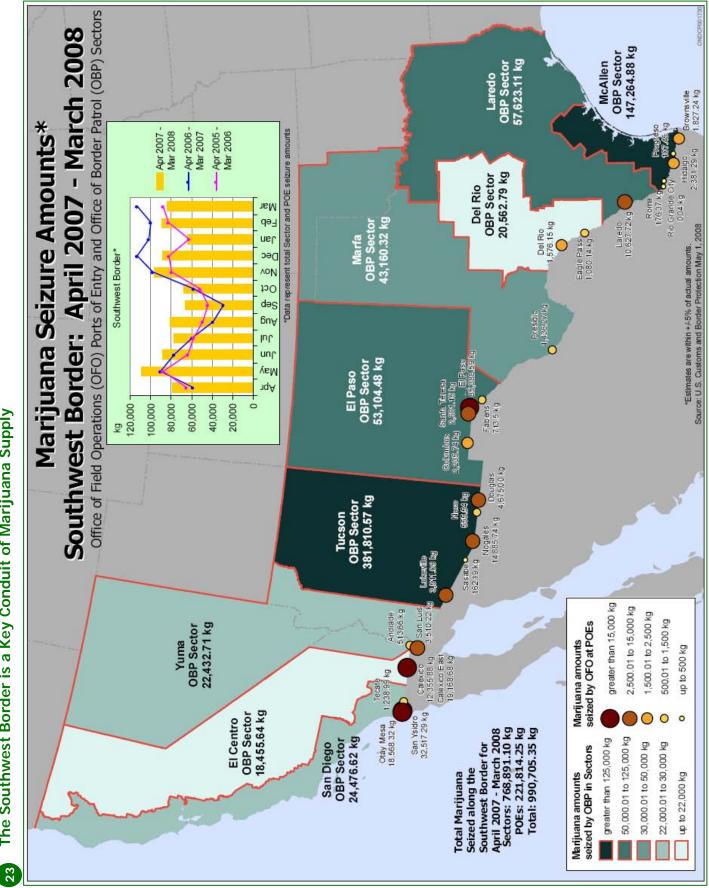
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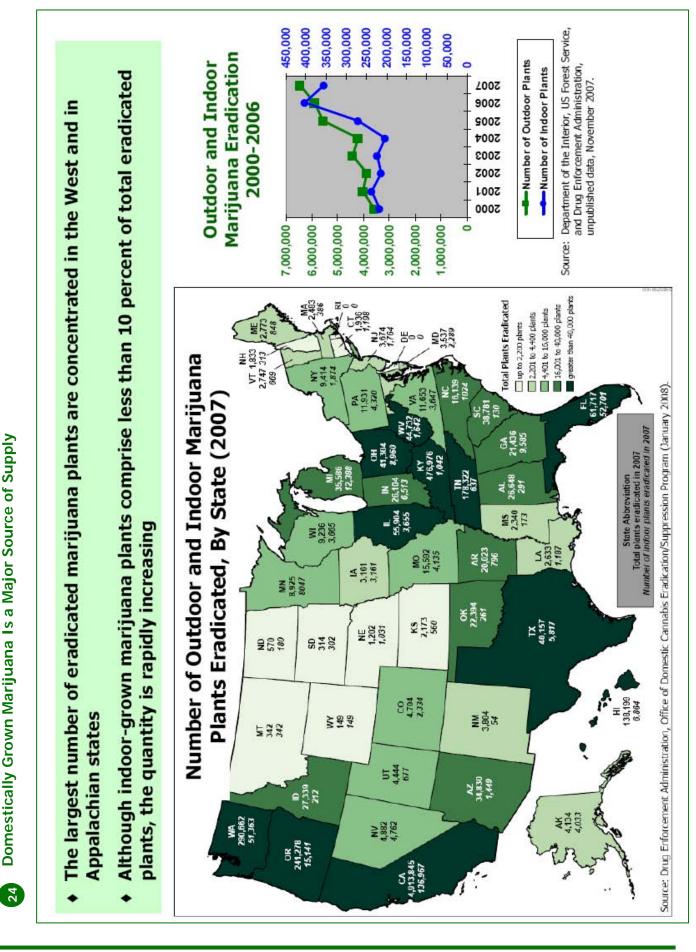


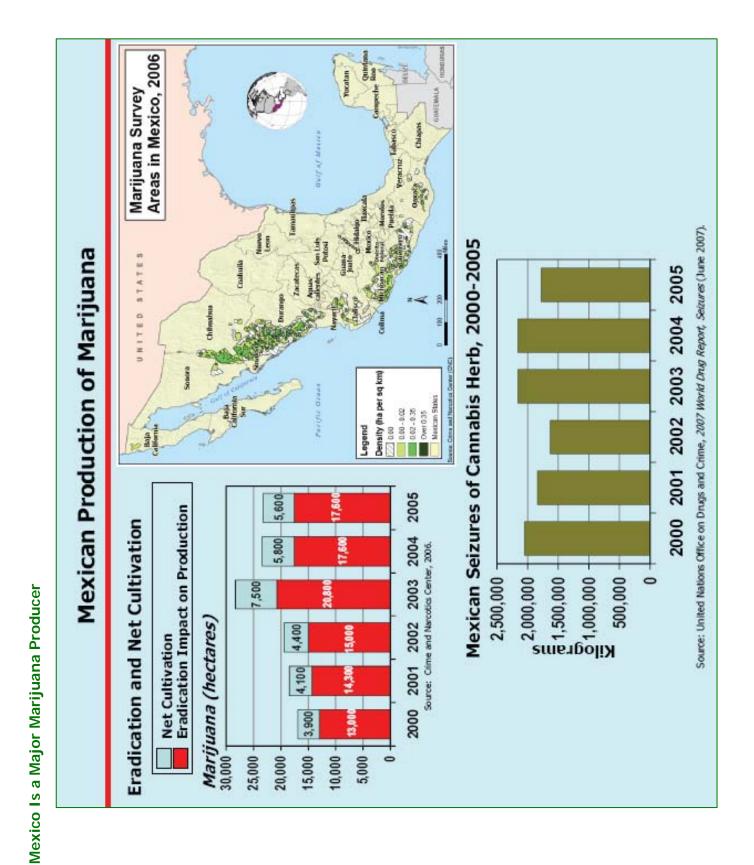
Marijuana Seizures Along the Southwest Border Are Increasingly More Potent





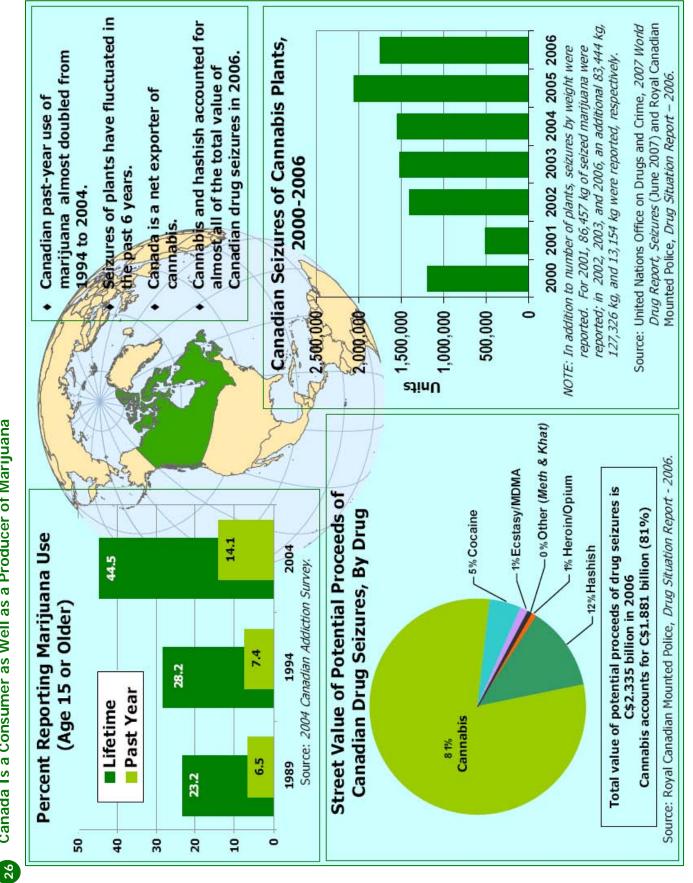






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Smoked Marijuana Is Not Medicine

In April 2006, the Food and Drug Administration (FDA) issued an interagency advisory stating that it has not approved smoked marijuana for any medical condition or disease indication. FDA's drug approval process requires well-controlled clinical trials that provide the necessary scientific data upon which FDA makes its approval and labeling decisions, consistent with the standards of the *Federal Food, Drug, and Cosmetic Act.* New drugs must be shown to be safe and effective for their intended use before being marketed in this country.

Efforts that seek to bypass the FDA drug approval process might expose patients to unsafe and ineffective drug products. A growing number of states have passed voter referenda or legislative initiatives making smoked marijuana available for a variety of medical conditions upon a doctor's recommendation. These measures are deemed by FDA to be inconsistent with efforts to ensure that medications undergo the rigorous scientific scrutiny of the approval process. Accordingly, FDA, along with the Drug Enforcement Administration and the Office of National Drug Control Policy, do not support the use of smoked marijuana for medical purposes.

What Did the Institute of Medicine Conclude?

The Institute of Medicine (IOM) reviewed the scientific evidence for the potential benefits and risks associated with marijuana and makes a clear distinction between smoked marijuana and cannabinoids:

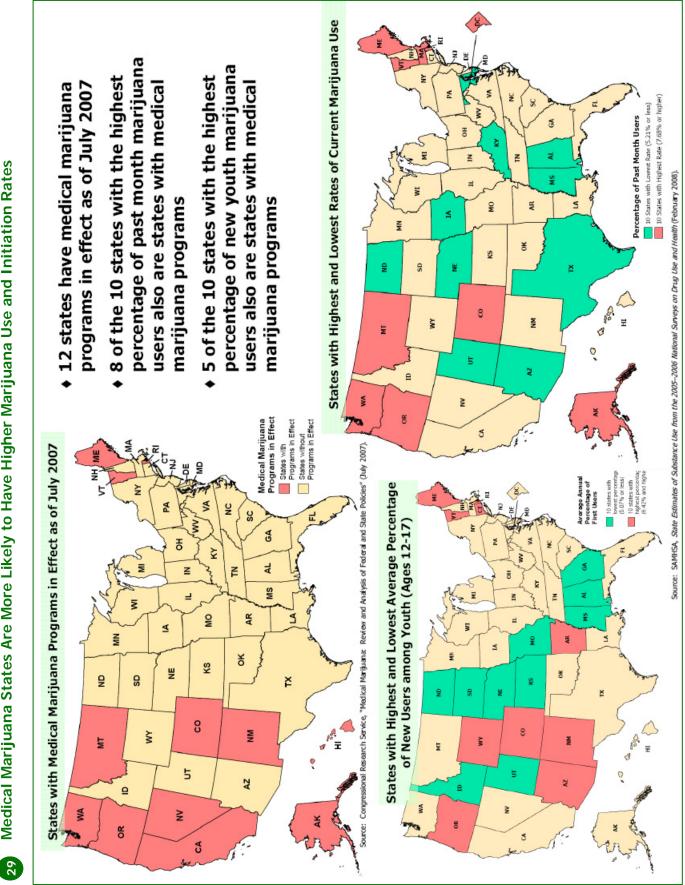
- Smoked marijuana is a crude THC delivery system that also delivers harmful substances – hence, smoked marijuana should generally not be recommended for medical use.
- There is potential therapeutic value of cannabinoid drugs for pain relief, control of nausea and vomiting, and appetite stimulation, and this value would be enhanced by a rapid onset of drug effect.
- The future for marijuana as medicine lies in its isolated components the cannabinoids and their synthetic derivatives. Isolated cannabinoids will provide more reliable effects than crude plant mixtures.

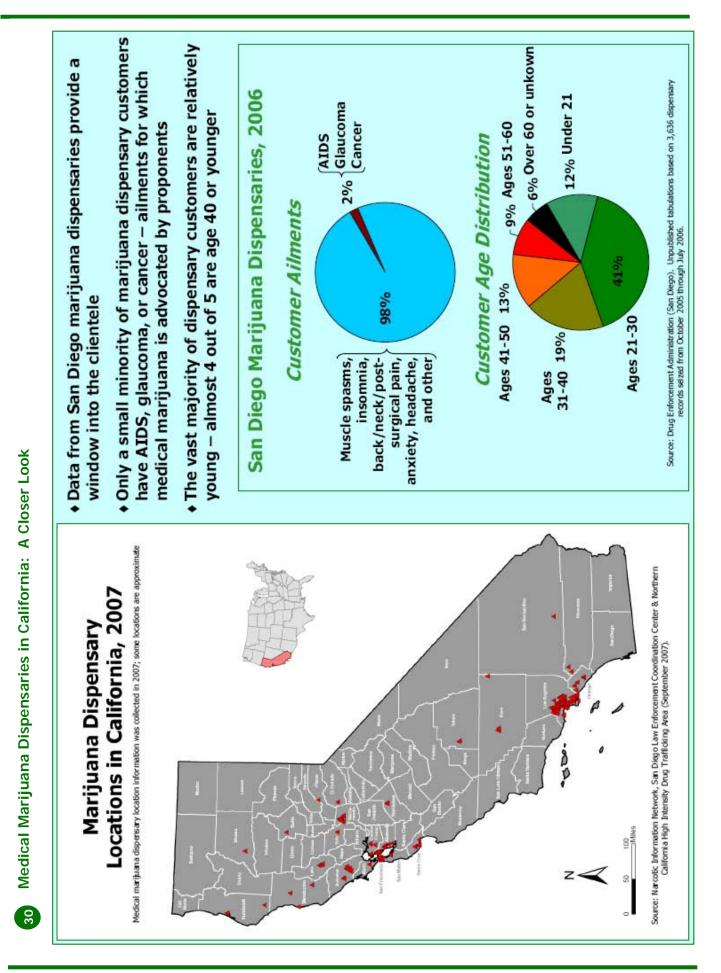
IOM recommends research and clinical trials of cannabinoid drugs and studies of health risks of smoking marijuana.

Source: Institute of Medicine, Marijuana and Medicine: Assessing the Science Base (1999).

28 Compassionate Care for the Sick and Dying Or Another Front for Drug Trafficking?







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