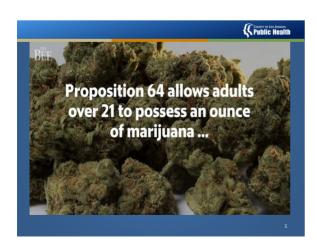


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legalizatio	the impact of marijuana n in the African-American within Los Angeles County?

Introduction
 Cannabis: The Current State of Science
 Cannabis: Prevention Perspective
 Rethinking Access to Marijuana (RAM) Coalition







### California Marijuana Legalization Initiative

COUNTY OF LOS ANGELES
Public Health

### What is Proposition 64? Adult Use of Marijuana Act (AUMA)

### **Rules for Personal Use and Cultivation**

### Adults 21 years or older may:

- Possess, transport, obtain or give away to other adults 21 or older up to one ounce of marijuana or eight grams of concentrated marijuana.
- Cultivate up to **six plants** per residence and possess the marijuana produced by these plants.

Local governments may still prohibit cultivation outdoors, but allow it inside a private residence or accessory structure that is "fully enclosed and secure."

http://publichealth.lacounty.gov/sapc/prop64/proposition64.htm<sup>6</sup>

### **Penalties under Proposition 64**

County or Los Angeles
Public Health

### Adults

- Possession of more than 1 ounce or 8 grams of concentrate may be subject to a \$500 fine or 6 months jail time or both.
  - Smoke/ingest in a public place: \$100 fine
  - Smoke cannabis where tobacco is banned: \$250 fine

### Minors

- Minors under 21 may not possess, use, transport, or cultivate nonmedical marijuana; subject to a \$100 fine for those 18 and older.
- Minors under 18 are subject to drug counseling and/or community service.

Cannabis use is prohibited in any public place, non-smoking areas, or within 1,000 fee of a schools or day care or youth center while children are present, except privately at residence. Owners may forbid the possession or use of marijuana on their property and employers may prohibit use of marijuana by their employees.

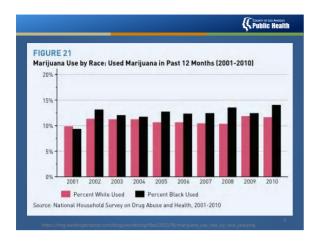
### COUNTY OF LOS ANSELES Public Health

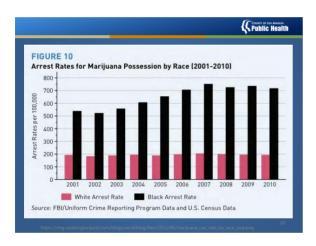
### Current Marijuana Use (Percentages) by Race/Ethnicity, United States 2016 and 2017

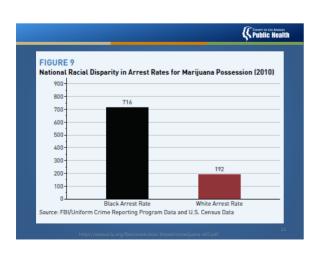
Officed States, 2010 and 2017						
Demographic Characteristic	Aged 12+ (2016)	Aged 12+ (2017)	Aged 12-17 (2016)	Aged 12-17 (2017)	Aged 18+ (2016)	Aged 18+ (2017)
HISPANIC ORIGIN AND RACE						
Not Hispanic or Latino	9.1 <sup>b</sup>	9.8	6.6	6.7	9.4 <sup>b</sup>	10.1
White	9.08	9.8	6.6	7.1	9.20	10.1
Black or African American	11.1	11.6	6.5	6.3	11.6	12.2
American Indian or Alaska Native	13.6	15.5	9.7	14.6	14.0	15.6
Native Hawaiian or Other Pacific Islander	8.6	9.1		*	9.3	9.7
Asian	3.3	3.7	3.5	2.1	3.3	3.8
Two or More Races	17.7	15.5	12.1	9.4	18.8	16.7
Hispanic or Latino	7.7	8.1	6.1	5.7	7.9	8.5

Marijuana Use in Past Month among Persons Aged 12 or Older, by Age Group and Demographic Characteristics: Percentages, 2016 and 2017

https://www.samhsa.gov/data/sites/default/files/cbhsq







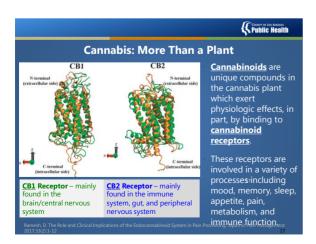




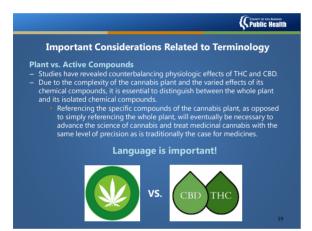








Converse to to Annual Public Health
Terminology
At least <b>70 different cannabinoids</b> have been identified in cannabis, with the most studied being <b>Δ9-tetrahydrocannabinol (THC)</b> and <b>cannabidiol (CBD)</b> .
<ul> <li>THC is the most abundant cannabinoid found in cannabis and is generally associated with the psychoactive and euphoric effects of cannabis.</li> </ul>
<ul> <li>CBD is the second most abundant cannabinoid found in cannabis.</li> <li>Unlike THC, CBD is non-psychoactive, has no known abuse potential, and may even possess anti-addictive properties.</li> </ul>
Psychoactive CBD Non-Psychoactive
Pertwee RG. The diverse CB1 and CB2 receptor pharmacology of three plant cannabinoids: delta9-tetrahydrocannabinol, 18 cannabidiol and delta9-tetrahydrocannabinarin. Br J Pharmacol. 153(2):199–215. doi:10.1038/sibin.0707442





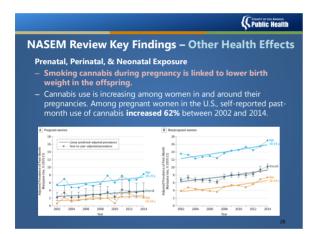


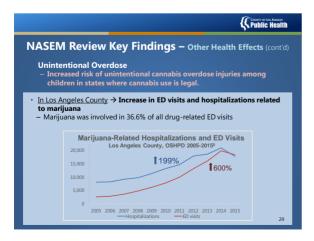
	Public Health
Cannabis: The Current State of Science	The Health Effects of Cannabis and Cannabis
	22

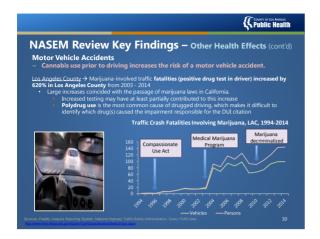
			<b>K</b> Pi	NIY OF LOS ANSELES Iblic Health
FDA-Approved Cannabinoids				
		*All CBD products	other than Epidiolex rem	ain Schedule I.
First	Generic (Brand) Name	Indication	Formulation	Schedule
cannabis- derived CBD product	Cannabidiol (Epidiolex)	Seizures (Dravel syndrome, Lennox-Gastaut syndrome)	Liquid purified CBD	V*
approved by FDA	—Dronabinol (Marinol)	AIDS-associated anorexia/weight loss, chemo-related nausea/vomiting	Oral capsule of synthetic THC	Ш
Synthetic THC/THC analogues	Dronabinol (Syndros)	AIDS-associated anorexia/weight loss, chemo-related nausea/vomiting	Liquid synthetic THC	II
	Nabilone (Cesamet)	Chemo-related nausea/vomiting	Oral capsule of THC analogue	II
				23

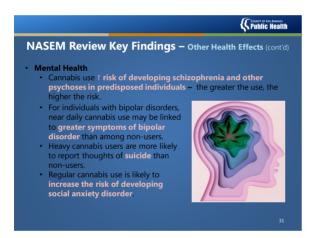
ζς Common size.	Health
National Academies of Sciences, Engineering, a Medicine (NASEM) Review	and
In 2017, the NASEM published a landmark review titled "The Health Effects	of
Cannabis and Cannabinoids: The Current State of Evidence and Recommendations for Research" that serves as one of the most compreher reviews of clinical trials and epidemiologic studies to determine the potential	
therapeutic effects and health risks of cannabis and cannabinoids.  As of the NASEM review, there were:  No controlled clinical studies of specific cannabis products available in U.S.	ς
dispensaries today (e.g., cannabis flower, edibles, beverages, topicals, concentrates).	·
<ul> <li>No controlled clinical studies of cannabis/cannabinoids in any pediatric populations were found during the NASEM review.</li> <li>Clinical trials of CBD to treat certain forms of pediatric epilepsy were</li> </ul>	e
published after the January 1, 2017 NASEM review cutoff date.	
Findings presented from the NASEM review are summarized; see the full report* for details.	
*National Academies of Sciences, Engineering, and Medicine. The Health Effects of Cannabis and Cannabinoids. The Cur of Evidence and Recommendations for Research. Washington, DC: The National Academies Press; 2017. doi:	urrent State 2 <mark>4622</mark> 4
<b>Қ</b> Соом од 15 л.	: Amerius Health
Important Limitations & Context	
These findings are associations, but cannot confirm causality.  These studies generally examined non-medicinal use, which may involve	
different patterns of use and levels of THC and CBD compared with medicinal cannabis use.	
<ul> <li>As a result, these findings may not be generalizable to cannabis available for legapurchase today.</li> <li>Smoked cannabis was the only delivery route examined in these studies.</li> </ul>	
such, these findings may not apply to other forms of cannabis consumption.  Unknown if and to what degree contaminants contributed to the observe	
findings. Scheduling	
<ul> <li>Cannabis remains federally classified as a Schedule I drug under the U.S. Controlled Substances Act. Schedule I drugs are defined as having a high potential for abuse an currently accepted medical use.</li> </ul>	
<ul> <li>Significant federal research restrictions on Schedule I drugs have largely contril to why there is an overall lack of information on the health implications of can</li> </ul>	
use.	
	25
(Countries lies A	: AMSGEES Health
NASEM Review Key Findings –	
Therapeutic Effects	
Cannabis or cannabinoids are MODESTLY EFFECTIVE f	for
ADULTS with the following conditions when administered via specific routes:	
<ol> <li>Chronic pain (cannabis* or oral cannabinoids**)</li> <li>Chemotherapy-induced nausea and vomiting (oral</li> </ol>	
cannabinoids**)	dc**\
<ol> <li>Multiple sclerosis (MS)-related spasticity (oral cannabinoid</li> <li>Cannabis refers to smoked/vaporized cannabis, which contains many act</li> </ol>	
cannabinoid compounds.  ** Oral cannabinoids refer to pharmaceutical preparations of individual	
cannabinoids. This does not include edibles or other oral forms of cannabi available in dispensaries.	bis
	26

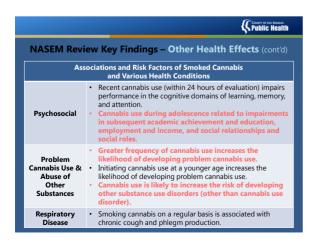
	Countr of Ecs Amazins Public Health
Inadequate Info	Key Findings – mation to Assess tic Effects
<ul><li>Addiction</li><li>Amyotrophic lateral sclerosis</li><li>Anorexia and weight loss</li></ul>	<ul><li>Huntington's disease</li><li>Irritable bowel syndrome</li><li>Parkinson's disease</li></ul>
associated with HIV  • Anxiety	<ul><li>Post-traumatic stress disorder</li><li>Schizophrenia and other</li></ul>
Cancer	psychoses
<ul> <li>Dementia</li> </ul>	Sleep disorders
Depression	• Spasticity
Dystonia     Failers and	Tourette syndrome
<ul><li>Epilepsy</li><li>Glaucoma</li></ul>	Traumatic brain injury  27
Giaacoiria	27



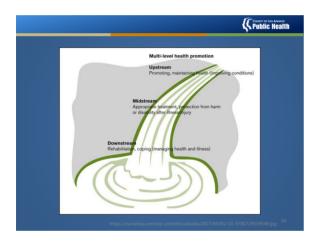


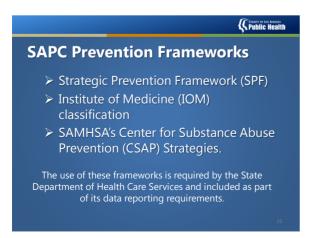




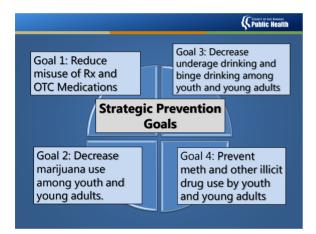








# Prevention Strategies 1. Education 2. Community Based Process 3. Information Dissemination 4. Alternative Activities 5. Environmental Activities 6. Problem Identification and Referral





### COUNTY OF LOS ANGELES Public Health Nearly 10,000 Respondents 2017 County-wide **Community Needs Assessment** > 59% felt there was no harm associated with marijuana use. > 16% believed there was harm if <u>driving</u> under the influence ➤ 13% felt cannabis use would decrease motivation! ➤ 11% felt it would lead to poor work performance. Nearly half (49%) of Youth, ages 12-17, and 31% of young adults ages 18-20 reported having gone to school under the influence. 27% reported having gone to work or school under the influence of marijuana! COUNTY OF LOS ANGELES Public Health > 62% of survey responders felt that it was easy for them to get marijuana on the streets around their neighborhoods. ➤ Slightly over half of youth, ages 12-17, felt they ➤ More than 70% of young adults between 18-20 reported having easy access to marijuana. COUNTY OF LOS ANGELES Public Health 4. Rethinking Access to Marijuana (RAM) Coalition

# Rethinking Access to Marijuana (RAM) is a diverse group of community-based organizations working together to educate people about the harms of youth marijuana use and committed to helping Los Angeles County residents take action in their communities to minimize youth exposure

to marijuana.

### Formed August 2014 Includes over 35 agencies across Los Angeles County Partners from non-profit and community-based organizations, government agencies, law enforcement and other health service providers. Recognized a need to collaborate and partner to

address mutual concerns related to marijuana and

• Prevention partners are funded through SAPC

RAM Committees

Education Policy
Research Media

# Community Health Environmental Scan (CHESS) PURPOSE Conduct a one-year follow-up scan on new and existing marijuana businesses to compare to baseline data before cannabis legalization GOALS Compare to Fall 2017 baseline data Compare changes to storefronts and advertising post legalization To obtain data to inform and educate local decision makers and community about storefront access, density, and associated health and environmental consequences.

# Community Health Environmental Scan (CHESS) 92% of stores either had no windows or tinted/covered windows Around 30% of stores had visible signage or advertisements Stores posing as an alternative business Use of green cross, paint, lights, storefront Alternate entrances



(Court of the America
Resources
LAC Substance Use Treatment Services Screening and Referral Call 1-844-804-7500
DPH – Substance Abuse Prevention and Control, Prevention Services: Prevention Website http://publichealth.lacounty.gov/sapc/prevention/PreventionLinks.ht m
DPH Prop 64 Resource Webpage: http://publichealth.lacounty.gov/sapc/Prop64/Proposition64.htm
LA County Office of Cannabis Management: https://www.lacounty.gov/marijuana
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### Thank you!



"The opposite of addiction is not sobriety; the opposite of addiction is social connection."

- Johann Hari