

Marijuana Use and Public Perceptions in Los Angeles County:



Findings from the 2022 Community Needs Assessment

Health Outcomes and Data Analytics Division
Substance Abuse Prevention and Control Bureau
Los Angeles County Department of Public Health



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Participating agencies included:

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Behavioral Health Services
Cambodian Association of America
Change Lanes Youth Support Services
Child and Family Center
Children's Hospital Los Angeles
Community Coalition for Substance Abuse Prevention & Treatment
Day One
Helpline Youth Counseling, Inc.

Institute for Public Strategies
Korean American Family Services
Koreatown Youth & Community Center
Los Angeles County Office of Education
Friday Night Live
National Council on Alcoholism and Drug Dependence of East San Gabriel and Pomona Valleys
National Council on Alcoholism and Drug Dependence of the San Fernando Valley
Pacific Clinics
Parents Anonymous

People Coordinated Services of Southern California
Phoenix House of Los Angeles
Prototypes
Pueblo Y Salud
San Fernando Valley Partnership, Inc.
Social Model Recovery Systems, Inc.
South Central Prevention Coalition
Special Services for Groups
Tarzana Treatment Centers
The Wall Las Memorias Project
Watts Healthcare Foundation, Inc.



Executive Summary

Prevalence and Use Behaviors

- More than a third (36.5%) of L.A. County (LAC) residents aged 12 or older used marijuana at least once in their lifetime, and 13.8% used marijuana in the past 30 days.
- LAC residents were an average age of 17 years when they first used marijuana. Of those who ever used marijuana (PWUM), 59.7% first used before age 18.
- Of those who reported using within the past month, the average number of days used was 14 out of 30.
- People who have used marijuana (PWUM) were more likely than those who have never used it (non-PWUM) to have close friends (80.3% vs. 25.1%) or family members who use marijuana (66.6% vs. 20.2%).
- The most common reasons for using marijuana were to relax (62.9%), for fun (57.9%), to deal with anxiety/stress (41.3%), and to help sleep (38.4%).
- Nearly all PWUM (90.5%) had used marijuana by smoking. More than half had used marijuana edibles (62.9%), and a little less than half had vaped marijuana (43.0%).
- Overall, most LAC PWUM typically used marijuana with friends (51.5%), while a third used alone (33.4%), and 10.5% used with family members.

Accessibility/Availability

- Roughly three-fourths (74.3%) of LAC residents aged 12 or older perceived easy marijuana access around their neighborhood. PWUM were more likely than non-PWUM to report that marijuana was easy for them to obtain (86.6% vs. 67.1%).
- Almost all (93.1%) of LAC PWUM aged 12 or older reported that it was easy for them to access marijuana.
- PWUM most commonly obtained their marijuana from a dispensary (39.4%), followed by a friend (33.2%), family/relative (8.9%), and dealer (4.4%).

Harms and Risks of Use

- Over a third of PWUM (35.6%) reported driving under the influence of marijuana (DUI); however, when asked about ways their marijuana use caused harm, only 19.1% reported DUI as a harm.
- Over half of PWUM (51.5%) reported their marijuana use did not cause any harms. In addition to DUI, the most common harms reported were decreased personal motivation to succeed (17.0%), poor performance at work/school (12.9%), and trouble with family members (12.9%).
- Across all LAC residents aged 12 or older, 64.5% perceived DUI to be the greatest harm from marijuana use, followed by illicit activities (58.3%), and physical health problems (41.1%).
- 28.3% of PWUM had gone to work/school under the influence of marijuana.
- Less than a third of LAC residents (29.1%) had been a passenger in a car when the driver was driving under the influence. PWUM were more likely than non-PWUM to report that that they had been a passenger when the driver was under the influence of marijuana (58.0% vs. 12.5%).
- More than half (54.8%) of LAC residents aged 12 or older perceived that it is a great risk for youth to use marijuana 1-2 times per week (i.e., regular use).
- Nearly half of LAC residents aged 18+ (49.3%) perceived that it is a great risk for adults to regularly use marijuana.
- PWUM were less likely than non-PWUM to perceive that regular marijuana use is a great risk for youth (40.1% vs. 63.0%) and adults (32.3% vs. 60.1%).
- More than half (60.6%) of LAC residents stated that their friends would disapprove of them using marijuana, with PWUM perceiving less disapproval than non-PWUM (33.1% vs. 76.4%).

Purpose

The Community Needs Assessment (CNA) was a community-wide effort to address the current data gap for smaller regions, specific topics, and underrepresented demographic groups related to marijuana use and associated problems and perceptions, and to identify disparities and potential risk or protective factors to target communities in Los Angeles County (LAC). The CNA provides a comprehensive profile of substance use problems that will facilitate community prevention service providers, other stakeholders, and policymakers in making informed decisions about prioritizing problems, strategic planning, and resource allocation for implementing solutions to address the needs of the target communities.

CNA Workgroup

The CNA Workgroup was established to oversee and conduct the CNA, to ensure geographic and sociodemographic coverage, and to conduct the CNA in a culturally competent way throughout the process. The CNA Workgroup was comprised of representatives from the Health Outcomes and Data Analytics (HODA) Division and Prevention Services Division at the LAC Department of Public Health (DPH), Substance Abuse Prevention and Control (SAPC) Bureau, and SAPC-contracted community prevention service providers. The CNA Workgroup was led by HODA Division and worked closely together in the project conception, planning, survey design and development, pilot testing, community outreach, participant recruitment, and data collection.

Research Ethics

The CNA project was approved by the LAC DPH Institutional Review Board.

Adaptation of 2017 CNA

This survey tool was adapted from the first round of the CNA (2017) which included questions about marijuana use and prescription medication misuse. The current CNA tool preserved the wording of previous items as much as possible, while also revising and extending some items (e.g., attitudes about sharing prescription medications) and expanding the scope of the survey to also include questions about methamphetamine, alcohol, and heroin.

Survey Tool

The survey was a comprehensive 72-item questionnaire that included questions about a variety of substances including: methamphetamine, alcohol, heroin, marijuana, and prescription medications. Along with asking about usage behaviors, perceived accessibility and risk, the survey also included sociodemographic and geographic questions. Paper (about 20-30 minutes) and online Qualtrics (about 10-15 minutes) versions of the CNA were available in English, Spanish, Chinese, Korean, Armenian, and Khmer. Several questions on the youth survey (aged 12-17) were worded differently from the adult survey (aged 18+).

Participant Recruitment

The prevention providers promoted the CNA efforts by mailing SAPC support letters to school administrators and community and business leaders, and by distributing flyers and delivering presentations to prevention agencies, community centers, public events, and other public places (e.g., libraries). In exchange for taking the survey, all participants were offered a \$20 gift card to Amazon, Starbucks, Subway, or Target.

Introduction (Cont.)

Data Collection

From August 2022 to February 2023, SAPC-contracted prevention service providers administered the survey to a diverse sample of youth and adult participants across LAC from a wide array of community settings, including schools, after-school programs, college campuses, shopping plazas, grocery stores, strip malls, coffee shops, parks, libraries, neighborhood council meetings, public and senior housing developments, churches, farmer's markets, health/resource fairs, health and social services waiting rooms, veteran/low-income housing, community events, government buildings, and YMCAs. Note that much of the youth data was collected outside of the school setting.

Population Weights

Sampling weights accounting for differences in the age, sex, race/ethnicity, and geographic distribution between the sample and population were calculated based on the LAC Internal Services Department's Population Estimates for LAC Tract-City and Countywide Statistical Area Splits (2022). These sampling weights were applied to the sample data to reduce sampling error and to produce estimates representative of the population. Sampling weights could not be calculated for demographic groups not available in the population data. Therefore, population estimates for some demographic groups, such as the transgender group, were not provided in this report. For Service Provider Area (SPA) and Supervisorial District (SD) population estimates, we allocated sample zip code data to respective SPA and SD based on the proportion of census block population distribution and subsequently calculated sampling weights.

Analytic Sample

After applying the exclusion criteria of individuals <12 years of age and individuals indicating a residency outside of Los Angeles County, we compiled our final sample of 9,221 surveys that were collected by SAPC-contracted prevention providers. Of those 9,221 surveys, records with missing values for any of the population weighting variables (i.e., age, sex, race/ethnicity, zip code) were excluded (N=1,098) from further analysis due to ineligibility for population weighting. The final analysis sample consisted of 8,123 surveys. All missing and unknown response values were excluded from individual calculations where applicable. Estimates with a large proportion of missing values for some categories (e.g., sexual orientation) should be interpreted with caution.

Statistical Methods

Estimates and their variances were calculated using statistical procedures PROC SURVEYFREQ and PROC SURVEYMEANS. Criteria for determining that the estimate is statistically stable included a relative standard error (RSE) less than 30% and a sample size for subgroup analyses ≥ 30 .

Estimates that do not meet these statistical criteria may still be appropriate for planning or policy purposes. Thus the minimum criteria for RSE were applied and estimates with RSE between 30%-50% were reported with an asterisk and note¹.

¹ Utah Department of Health. (2005). *Report of Guidelines for Data Result Suppression*. <https://ibis.health.utah.gov/ibisph-view/pdf/resource/DataSuppression.pdf>

Introduction (Cont.)

The estimates with RSE greater than 30% and/or sample size < 30 were also not suppressed so that underrepresented populations could be visible in our data. Please interpret with caution. All RSEs were based on non-missing values.

Report Organization

This report provides an overview of the findings of the countywide CNA, including prevalence of marijuana use; use behaviors; perceived risk, accessibility, and availability; and consequences of use within LAC communities. Results are presented for LAC overall, geographic region (SPA and SD) and by demographics. Key findings are presented in the *Executive Summary* section, and a detailed summary of the findings are presented at the end of the report. Detailed result tables with confidence intervals for all items in the main report are presented in *Appendices A-R*. Statistically significant differences in the estimates between groups can be assessed by examining the confidence intervals; if they do not overlap then the difference is thought to be statistically significant.

Data for Native Hawaiian and other Pacific Islanders (NHOPi, N = 46) and those indicating “Other” as their racial identity (N = 46) were presented only for prevalence indicators and excluded in all other instances due to the small numbers of respondents indicating that they had ever used marijuana (N < 15), which was required for most downstream questions. This cutoff was determined via a data-driven approach. Despite the exclusion, we acknowledge the significance of data pertaining to NHOPi and “Other race” communities for program and policy planning purposes. As such, data for these groups are available upon request.

Limitations of CNA

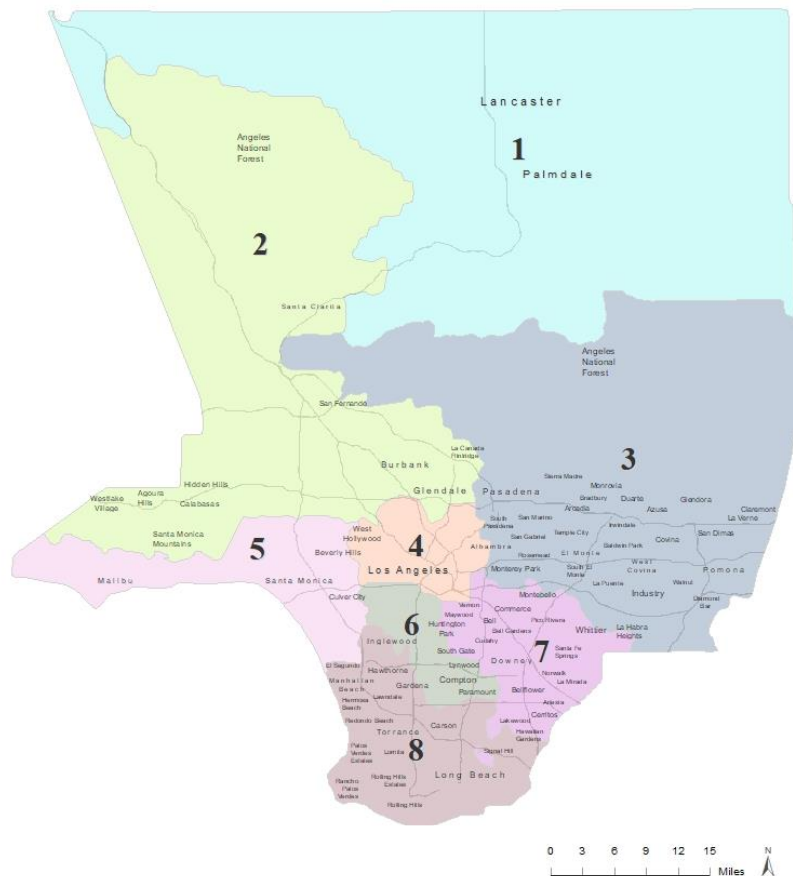
The convenience sampling method may not result in a representative sample of the general LAC population. Non-response bias may be present. All data collected were self-reported, which may not accurately reflect actual use, related behaviors, or perceptions. Thus, the results should be interpreted with caution.



Los Angeles County

Service Planning Areas

Los Angeles County (LAC) has been divided into 8 Service Planning Areas (SPA) due to its large size. The Department of Public Health (DPH) develops and provides relevant public health and clinical services targeted to the specific health needs of the residents in these geographic areas.

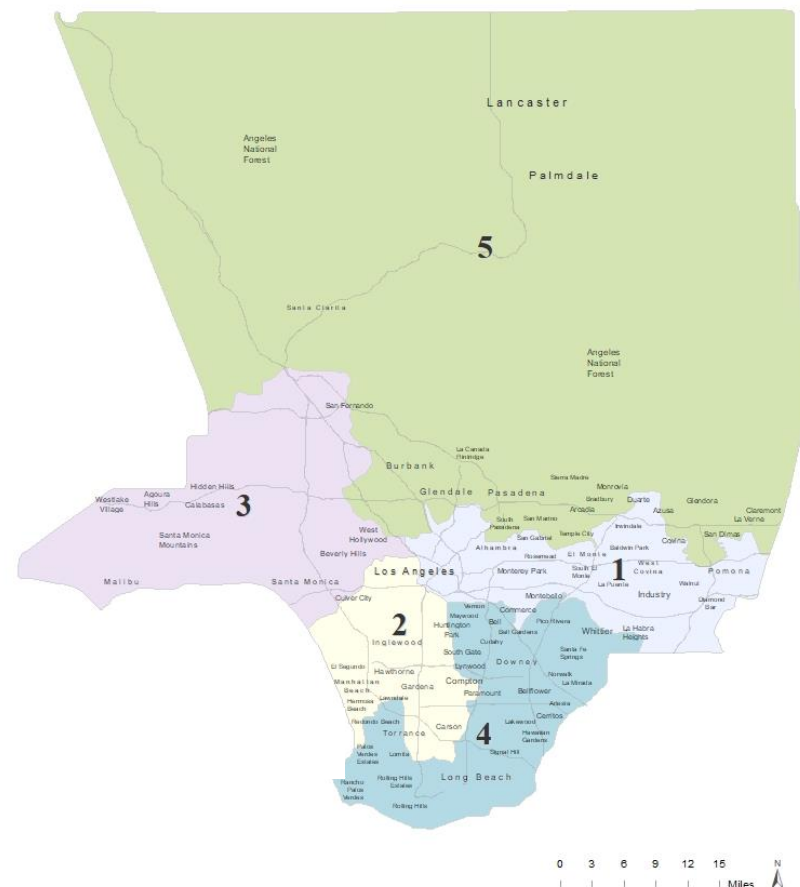


Population (12+), 2022

SPA 1: 347,020	SPA 4: 981,527	SPA 7: 1,087,783
SPA 2: 1,891,979	SPA 5: 586,873	SPA 8: 1,319,956
SPA 3: 1,516,952	SPA 6: 837,922	

Supervisory Districts

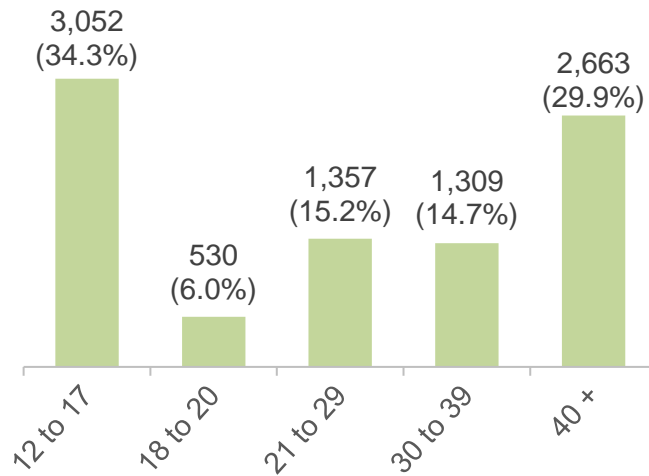
Los Angeles County (LAC) is divided into 5 Supervisory Districts (SD), with each County Supervisor representing a district of approximately 2 million people.



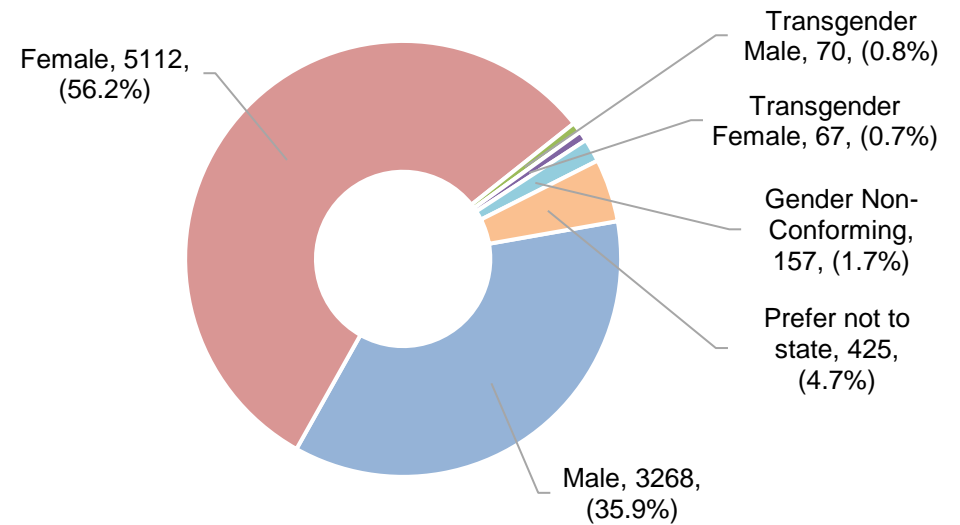
SD 1: 1,695,444	SD 4: 1,770,973
SD 2: 1,690,296	SD 5: 1,634,836
SD 3: 1,778,463	

Sample Demographics (N=9,221)

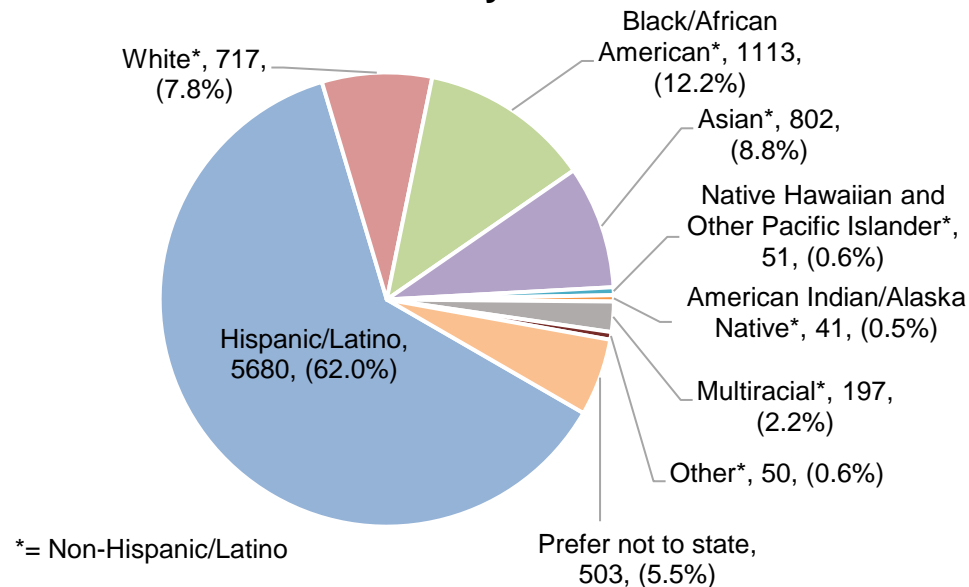
Age (years)



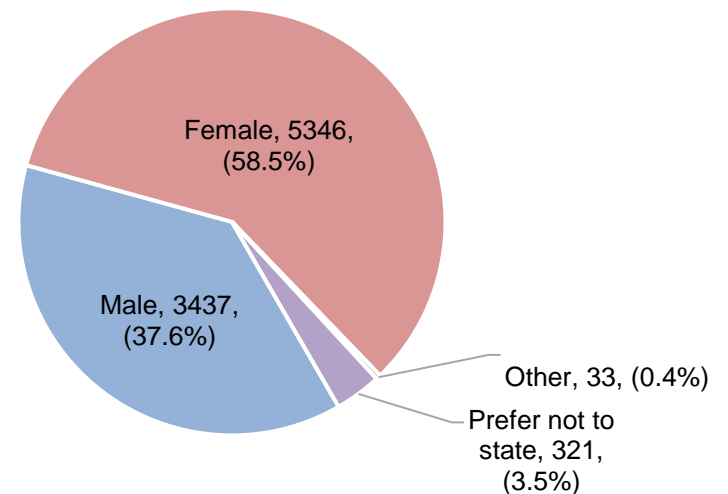
Gender Identity



Race/Ethnicity



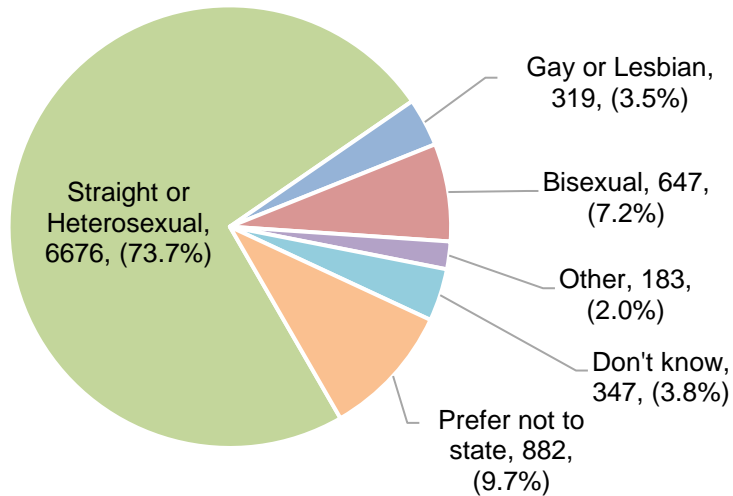
Sex at Birth



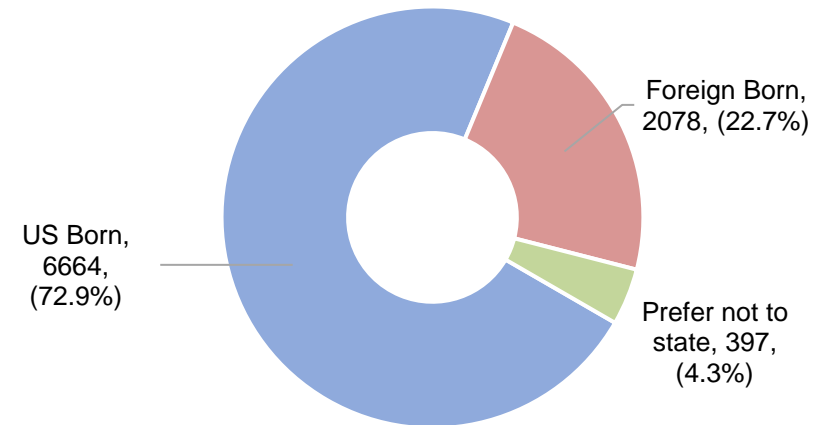
Notes: "Multiracial" indicates that more than one race was selected. Percentages are based on non-missing values and may not sum to 100% due to rounding. Since gender identity (including "transgender") information was not available for sampling weights, sex was used in subsequent analyses. In addition, records with missing values on any of the weighting variables (i.e., age, sex, race/ethnicity, zip code) were excluded (N= 1,098) in the final analysis sample (N = 8,123). Please refer to Appendix A for the demographics of the final analysis sample.

Sample Demographics (Cont.)

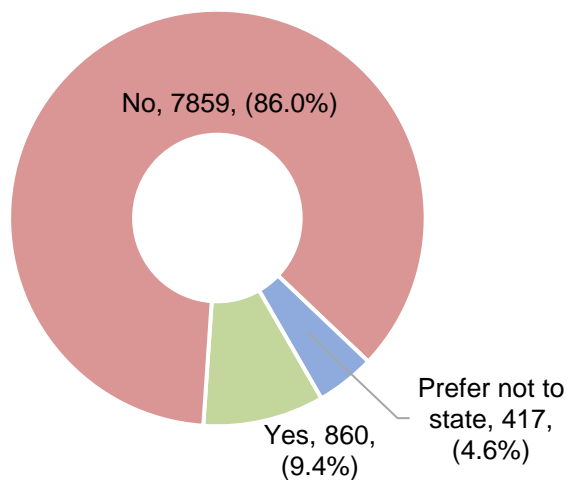
Sexual Orientation



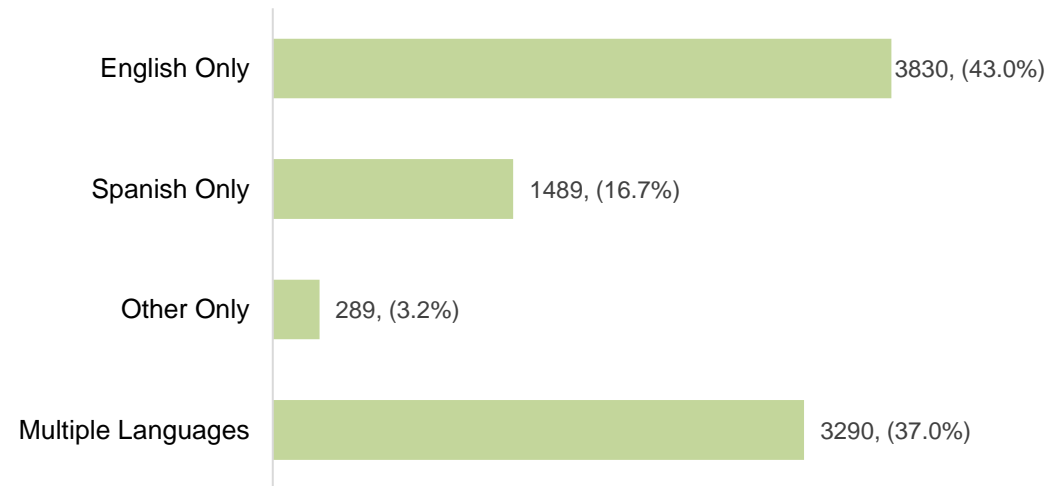
Nativity



Homeless in Past Year



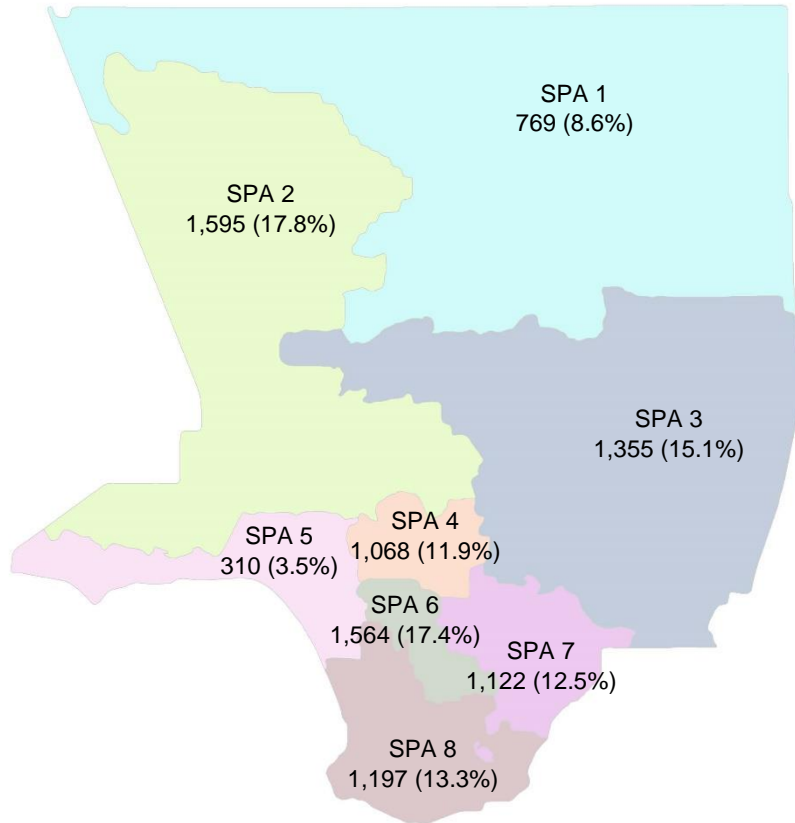
Language(s) Spoken at Home



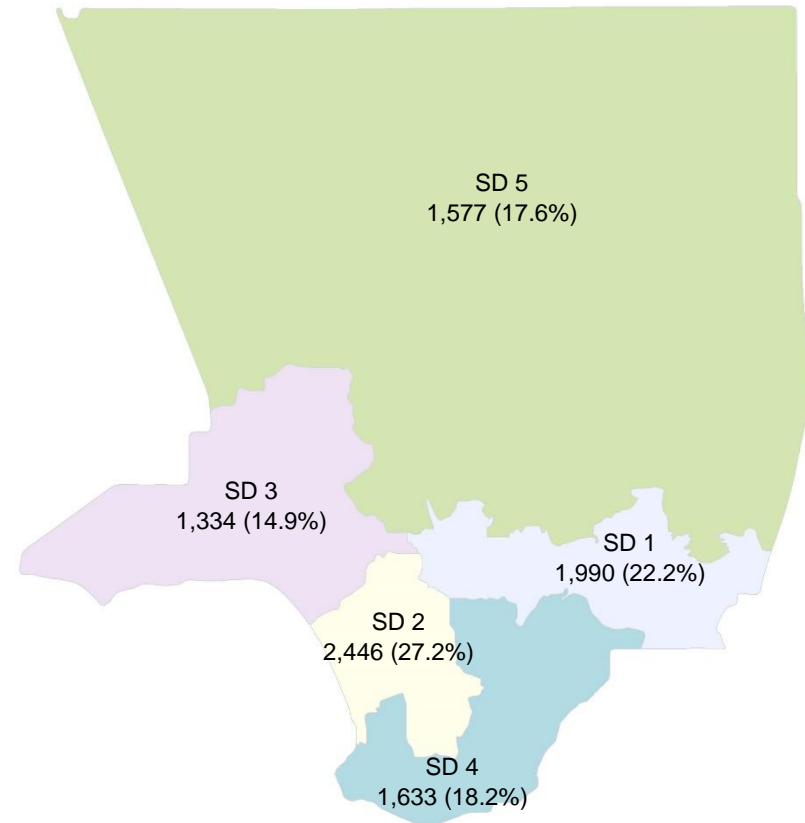
Notes: Records with missing values on any of the weighting variables (i.e., age, sex, race/ethnicity, zip code) were excluded (N= 1,098) in the final analysis sample (N = 8,123). Please refer to Appendix A for the demographics of the final analysis sample.

Geographic Distribution of Sample (N=8,980)

Service Planning Area (SPA)



Supervisory District (SD)



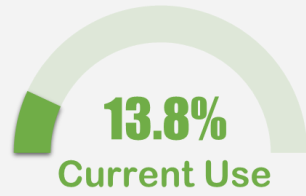
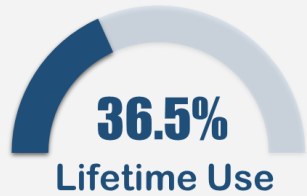
N=8,980 (97.4% of total sample)

Notes: We allocated sample zip code data to respective SPA and SD based on the proportion of census block population distribution. 97.4% of respondents (N=8,980) provided their current residence zip codes. Please refer to Appendix A for the geographic distribution of the final analysis sample.

Prevalence of Marijuana Use

Ever used marijuana
(%Yes)

Used marijuana
in the **past 30 days**
(%Yes)



Area	% Lifetime Use	% Current Use
Service Planning Area (SPA)		
SPA 1	38.5	14.4
SPA 2	36.4	13.5
SPA 3	37.4	13.5
SPA 4	32.2	13.7
SPA 5	60.5	25.9
SPA 6	34.0	14.4
SPA 7	39.8	14.5
SPA 8	32.4	9.6
Supervisory District (SD)		
SD 1	37.9	15.3
SD 2	33.9	13.1
SD 3	37.4	15.6
SD 4	35.2	12.3
SD 5	41.3	12.7

Figure 1. Lifetime Use of Marijuana by Demographics

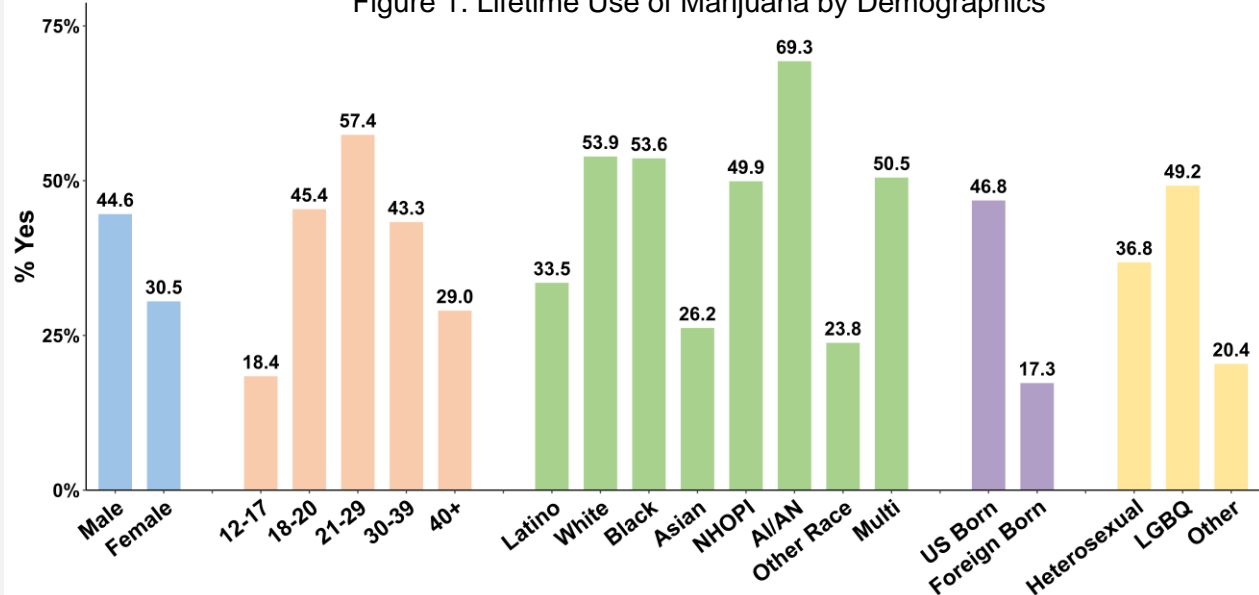
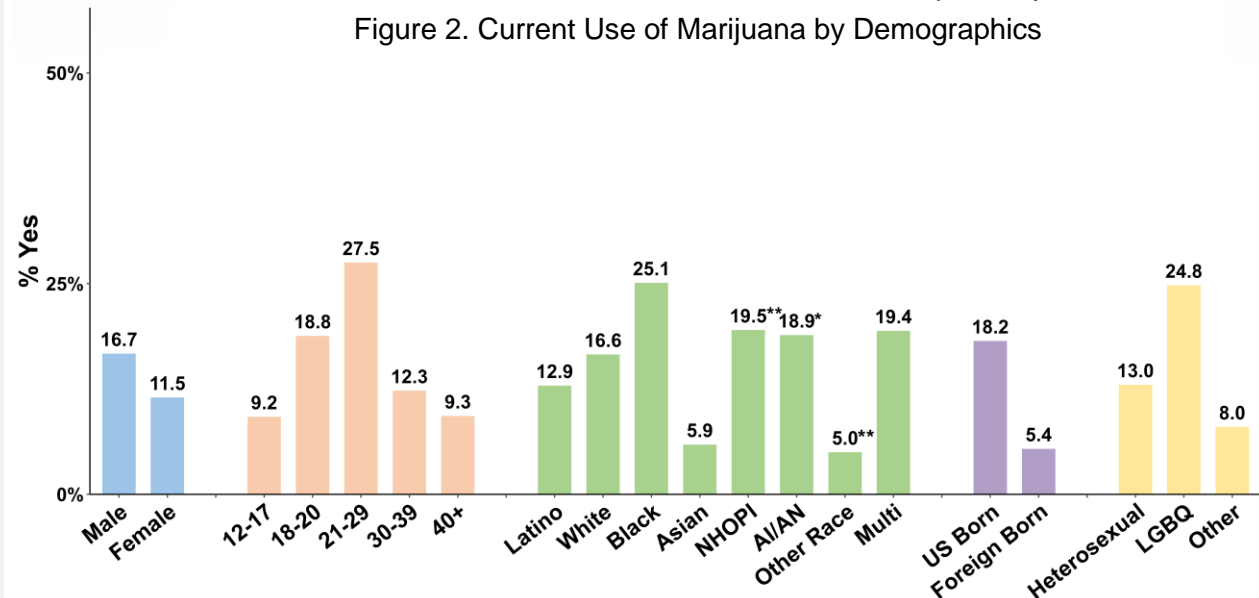


Figure 2. Current Use of Marijuana by Demographics



Sex	Age	Race/Ethnicity	Nativity	Sexual Orientation
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Notes: Data for Native Hawaiian and other Pacific Islanders (NHOPI) and "Other" are reported here but are subsequently excluded for all other variables due to small sample size of those indicating lifetime use of marijuana (N < 15).
"Other" sexual orientation includes "other" and "prefer not to answer".
"AI/AN" indicates "American Indian/Alaska Natives".

* The estimate is for planning and policy purposes (RSE is between 30% and 50%);
** The estimate is statistically unstable (RSE >50%);
Interpret with caution.

Frequency of Use

During the **past 30 days**, on how many days did you use marijuana?
(Mean # of days)

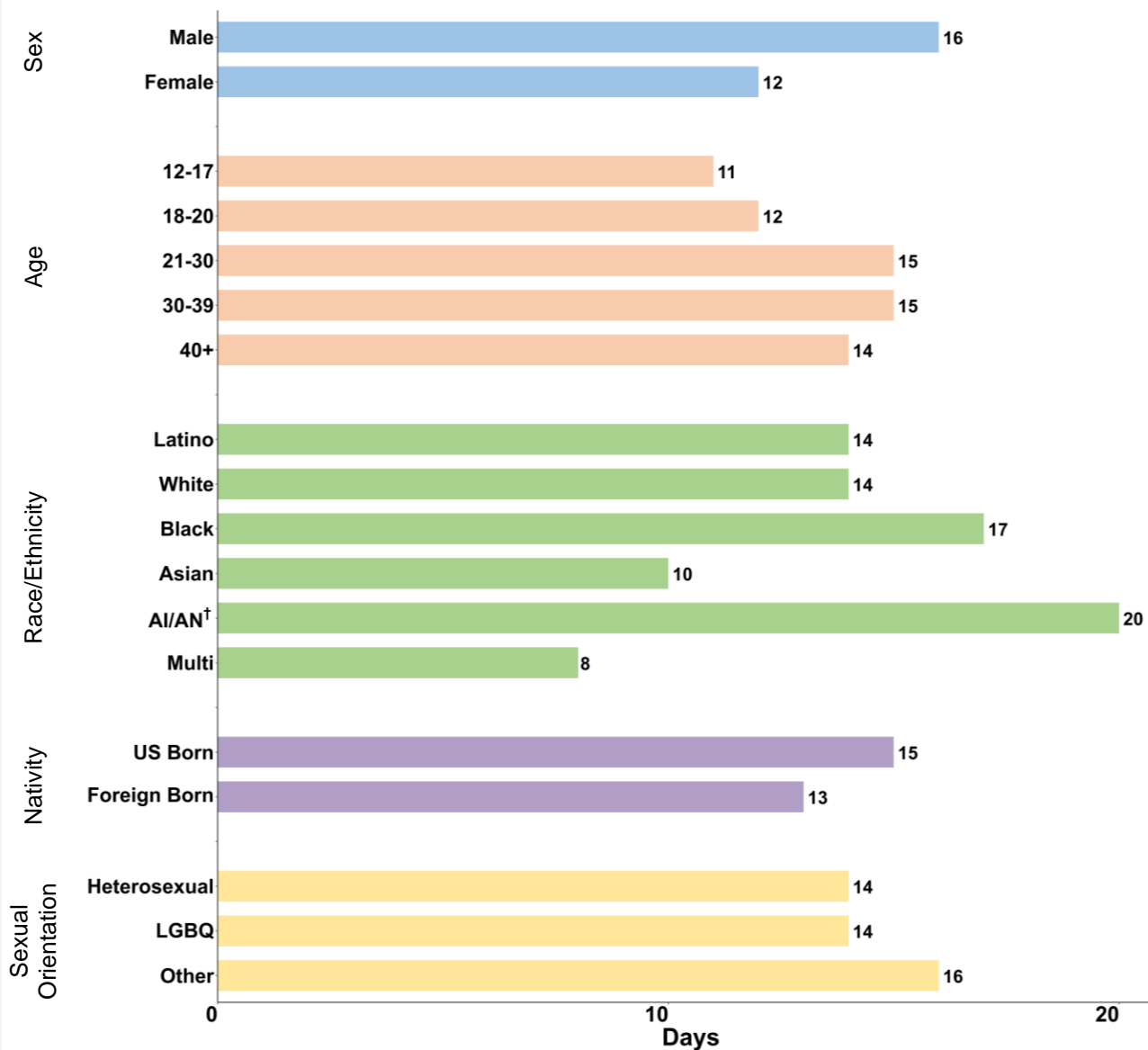


Area	Use Days
Service Planning Area (SPA)	
SPA 1	14
SPA 2	13
SPA 3	12
SPA 4	18
SPA 5	13
SPA 6	17
SPA 7	14
SPA 8	12
Supervisory District (SD)	
SD 1	14
SD 2	16
SD 3	15
SD 4	13
SD 5	12

Notes: Only those who have used marijuana during the past 30 days were asked this question.

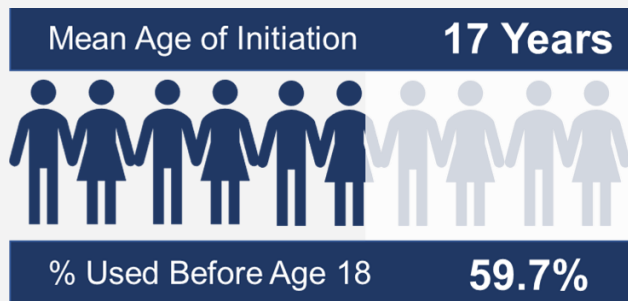
† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Figure 3. Mean Number of Days Used in the Past 30 Days by Demographics



Age of Initiation

How old were you when you **first used** marijuana?



Area	Average Age	% Used Before Age 18
Service Planning Area (SPA)		
SPA 1	17	61.8
SPA 2	18	60.7
SPA 3	17	60.0
SPA 4	17	61.6
SPA 5	18	47.6
SPA 6	17	69.3
SPA 7	18	54.6
SPA 8	18	54.4
Supervisory District (SD)		
SD 1	17	62.1
SD 2	17	62.5
SD 3	18	57.8
SD 4	18	55.3
SD 5	18	60.9

Notes: Only those who have used marijuana at least once in their lifetime were asked this question.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Figure 4. Mean Age of Initiation by Demographics

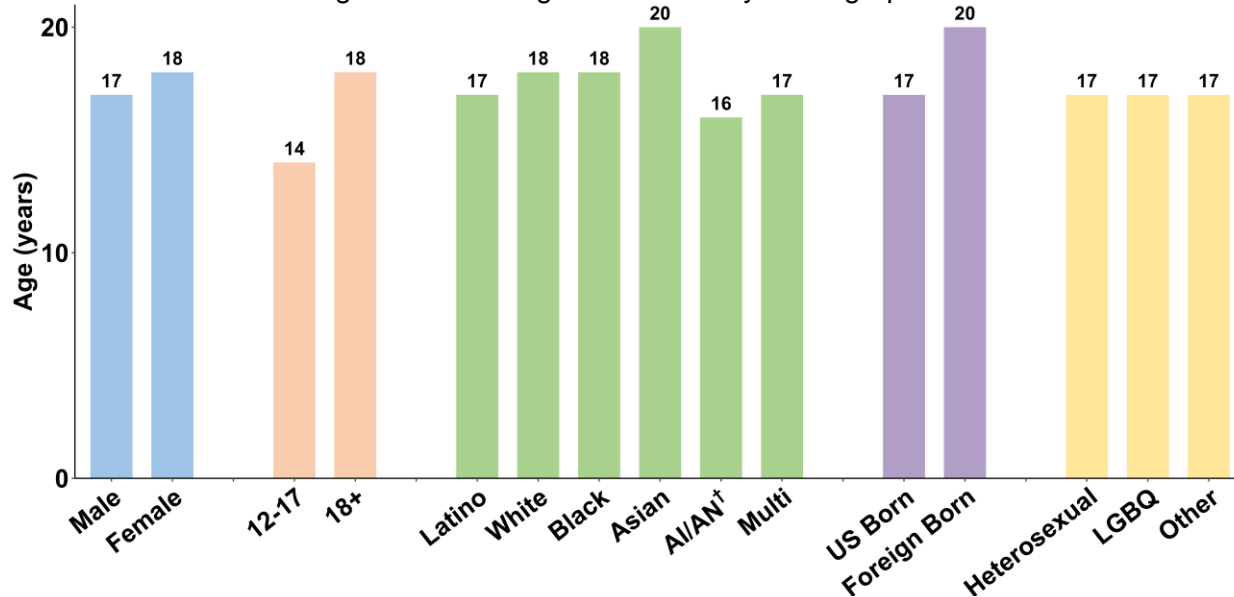
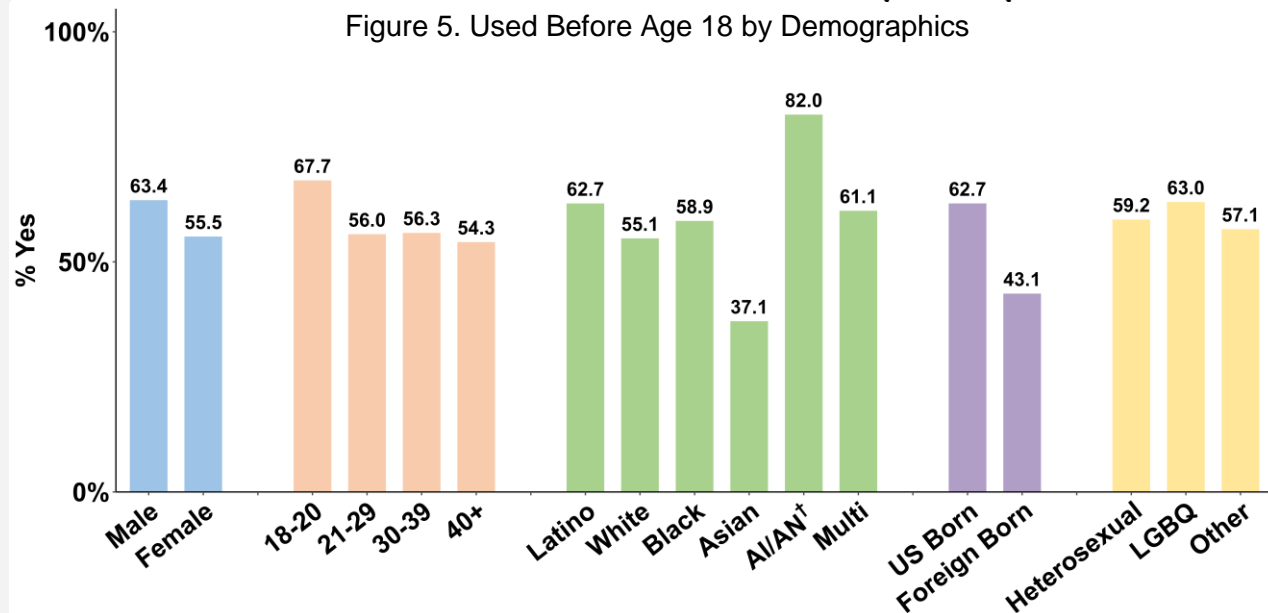


Figure 5. Used Before Age 18 by Demographics



Sex	Age	Race/Ethnicity	Nativity	Sexual Orientation
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Easy Access

How **easy** is it for **you** to get marijuana? (%Easy)



Area **% Easy Access**

Service Planning Area (SPA)

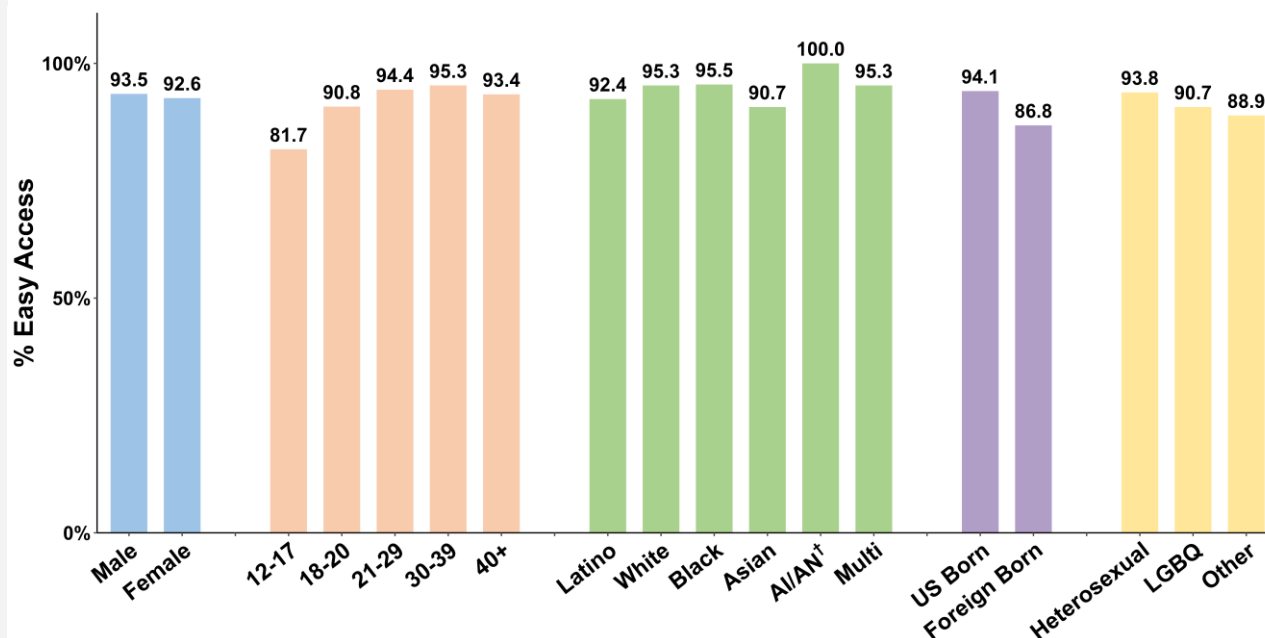
SPA 1	92.9
SPA 2	95.1
SPA 3	92.5
SPA 4	93.6
SPA 5	96.2
SPA 6	91.7
SPA 7	91.5
SPA 8	94.2

Supervisory District (SD)

SD 1	94.4
SD 2	94.0
SD 3	96.0
SD 4	89.0
SD 5	92.8

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.
Easy Access includes response options "Very Easy" and "Somewhat Easy".
† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Figure 6. Easy Access by Demographics

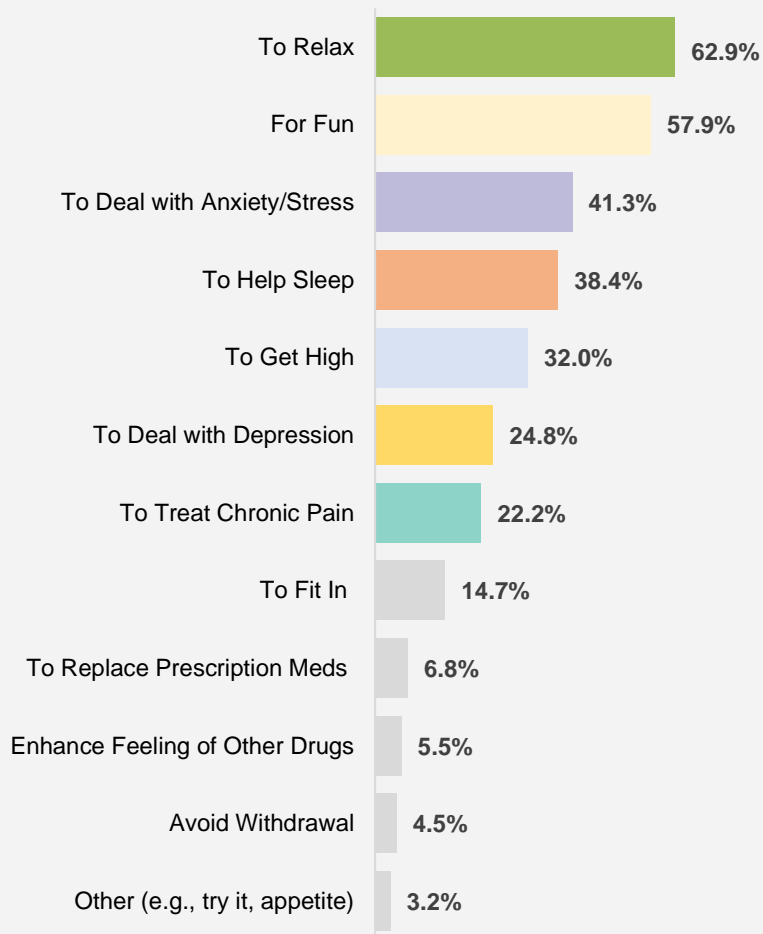


Sex	Age	Race/Ethnicity	Nativity	Sexual Orientation
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Reasons for Use

For what **reason(s)** have you used marijuana? (%)



Notes: Only those who have used marijuana at least once in their lifetimes were asked this question. Respondents selected all choices that applied.

"Other" responses included "to try it", "appetite", "creativity", etc.

* The estimate is for planning and policy purposes (RSE is between 30% and 50%);

† The estimate is statistically unstable (sample size < 30);

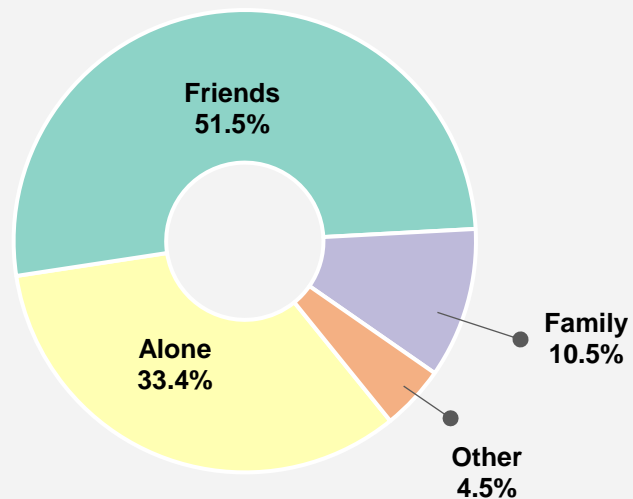
Interpret with caution.

Table 1. Common Reasons for Marijuana Use by Demographics

	Relax	For Fun	Anxiety/Stress	Sleep	Get High	Depression	Pain
Most Common Reasons (%)							
	1st	2nd	3rd	4th	5th		
Sex							
Male	65.1	62.3	38.5	37.1	37.0		
Female	60.6	53.2	44.3	39.8	27.0		
Age							
12-17	54.7	53.4	44.4	44.0	31.2		
18-20	69.1	62.5	45.8	45.0	36.4		
21-29	72.4	58.4	52.5	46.0	32.2		
30-39	64.7	64.1	44.3	42.8	33.1		
40+	54.8	51.2	29.9	28.4	25.8		
Race/Ethnicity							
Latino	66.1	57.1	44.0	39.5	30.6		
White	62.9	52.4	36.2	35.5	33.2		
Black	63.2	50.2	39.6	38.1	38.0		
Asian	71.2	48.8	33.1	30.3	28.7		
AI/AN†	68.5	54.8	52.1	45.6	43.6*		
Multi	65.2	53.0	37.3	34.9	26.0		
Nativity							
US Born	64.4	58.4	43.6	39.0	33.3		
Foreign Born	54.4	53.7	35.0	28.6	25.1		
Sexual Orientation							
Heterosexual	61.6	57.7	38.3	36.6	31.1		
LGBQ	70.3	59.7	55.1	46.3	35.5		
Other	61.0	55.3	47.8	43.7	39.0		

Setting of Use

When you use marijuana, do you typically **use alone, with friends, or with family members?** (%)



Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

Respondents only selected one of the options.

"Other" included, "boyfriend", "all of them", "parties with other people", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

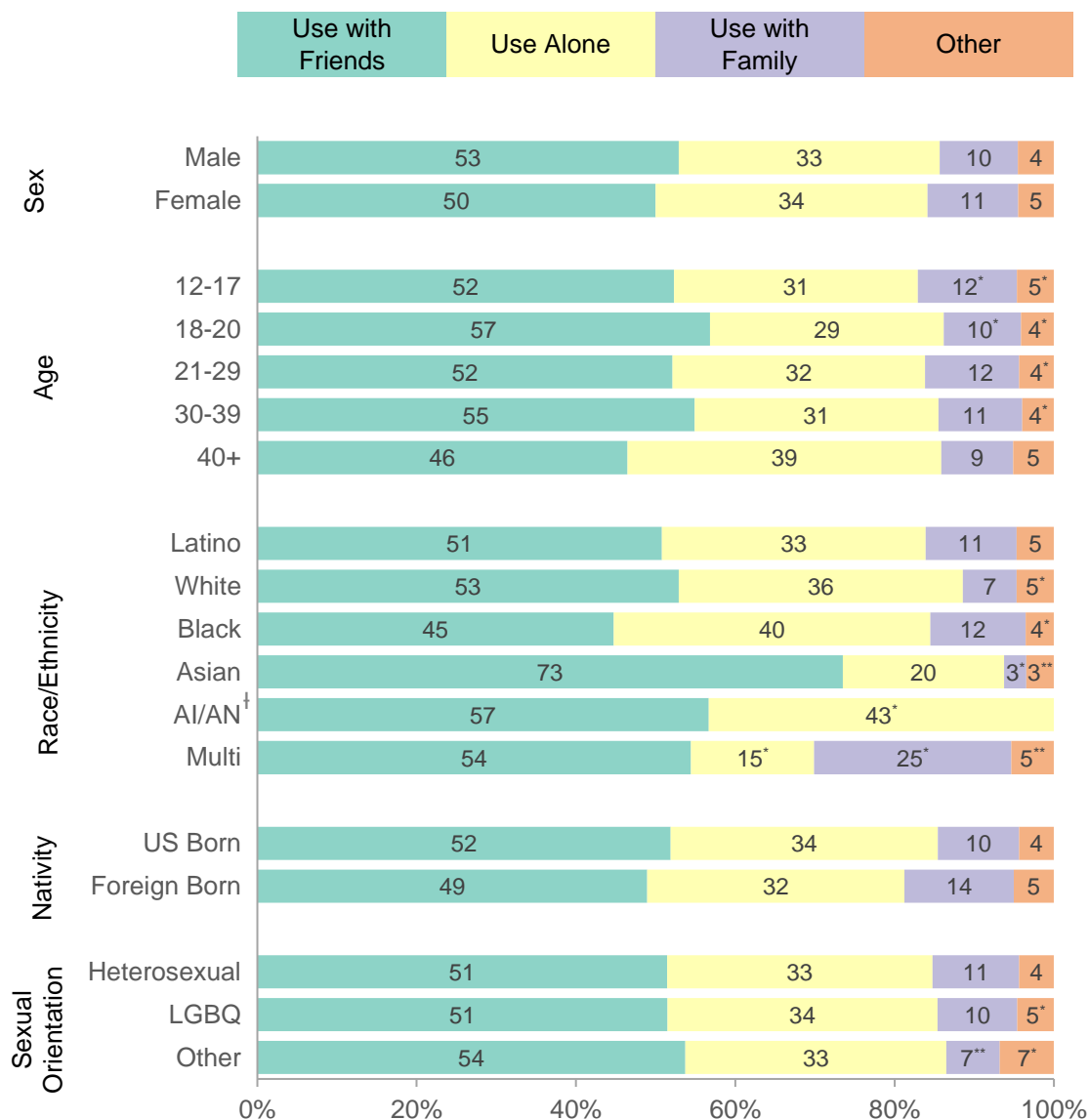
** The estimate is statistically unstable (RSE >50%);

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

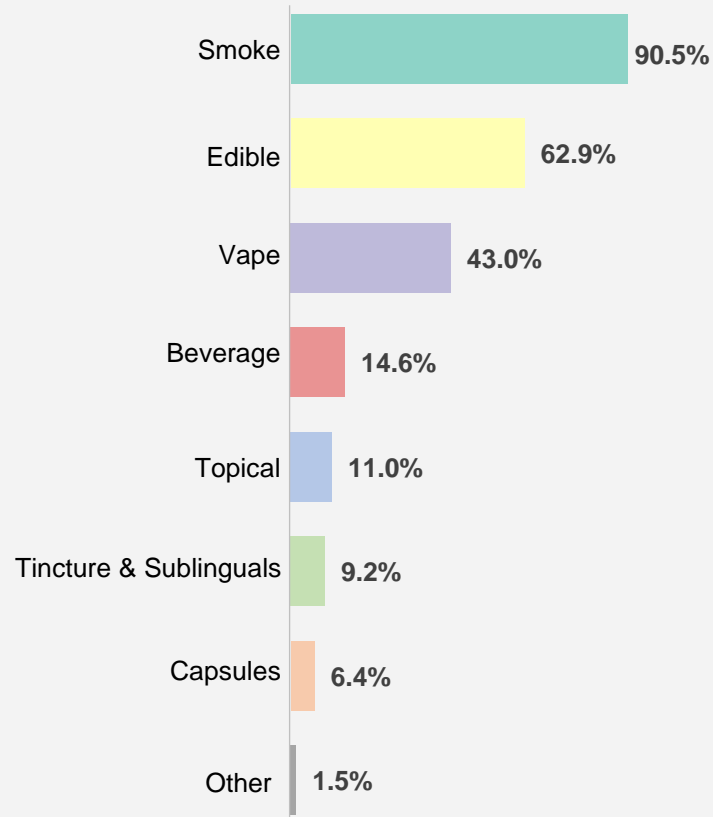


Figure 7. Setting of Use by Demographics (%)



Route of Administration

How have you used marijuana? (%)



Notes: Only those who have used marijuana at least once in their lifetimes were asked this question. Respondents selected all choices that applied.

"Other" responses included "wax", "concentrates", "butter", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

** The estimate is statistically unstable (RSE >50%);

† The estimate is statistically unstable (sample size < 30);

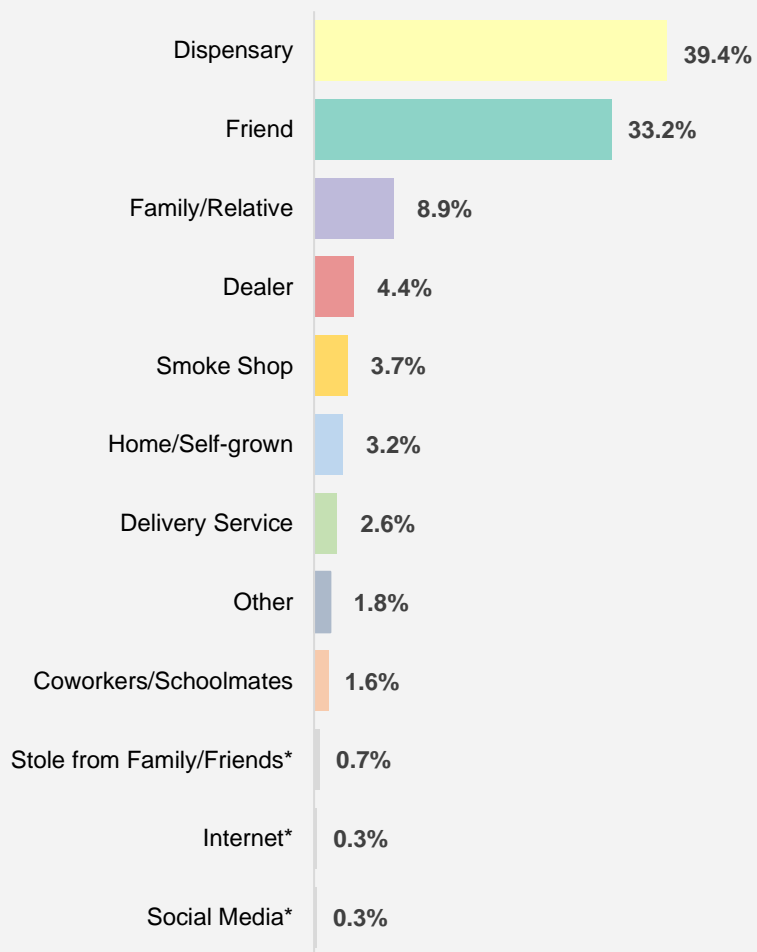
Interpret with caution.

Table 2. Common Routes of Administration of Marijuana by Demographics

	Smoke	Edible	Vape	Beverage	Topical	Tincture	Capsules
Most Common Routes (%)							
	1st	2nd	3rd	4th	5th	6th	7th
Sex							
Male	92.6	58.1	44.7	15.9	9.5	8.6	8.1
Female	88.3	68.1	41.1	13.2	12.7	10.4	4.0
Age							
12-17	77.4	67.2	51.1	11.2	3.4*	3.3*	2.5*
18-20	88.2	63.2	59.2	14.8	10.0*	7.0*	5.2*
21-29	92.3	76.1	55.2	21.8	13.5	10.6	7.4
30-39	92.2	64.8	47.1	17.1	13.9	12.8	7.1
40+	91.0	49.3	24.4	9.9	7.4	7.4	4.8
Race/Ethnicity							
Latino	90.4	62.6	47.4	15.1	10.4	7.8	6.5
White	93.6	70.9	35.8	18.4	16.7	15.1	9.5
Black	90.5	51.3	27.9	11.9	8.3	6.3	2.5*
Asian	83.4	69.1	36.7	12.1	9.7*	7.4*	4.2*
AI/AN †	83.3	79.0	54.1	39.3*	31.1*	22.0*	11.5**
Multi	86.2	66.7	35.2	16.7*	16.5*	16.2*	12.1*
Nativity							
US Born	90.6	65.6	44.9	15.6	10.9	9.9	6.7
Foreign Born	90.2	46.8	32.3	12.4	9.7	5.3*	4.9*
Sexual Orientation							
Heterosexual	92.0	61.7	40.7	12.9	10.4	8.5	6.6
LGBQ	86.9	70.7	54.8	21.9	14.3	13.1	5.6
Other	77.7	58.1	47.6	21.8*	11.8*	9.6*	5.5**

Source of Marijuana

Where did you get marijuana the last time you used it? (%)



Notes: Only those who have used marijuana at least once in their lifetimes were asked this question. Respondents selected only one option.

*Other responses included "stranger", "on street", "boyfriend", "partner", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

** The estimate is statistically unstable (RSE >50%);

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

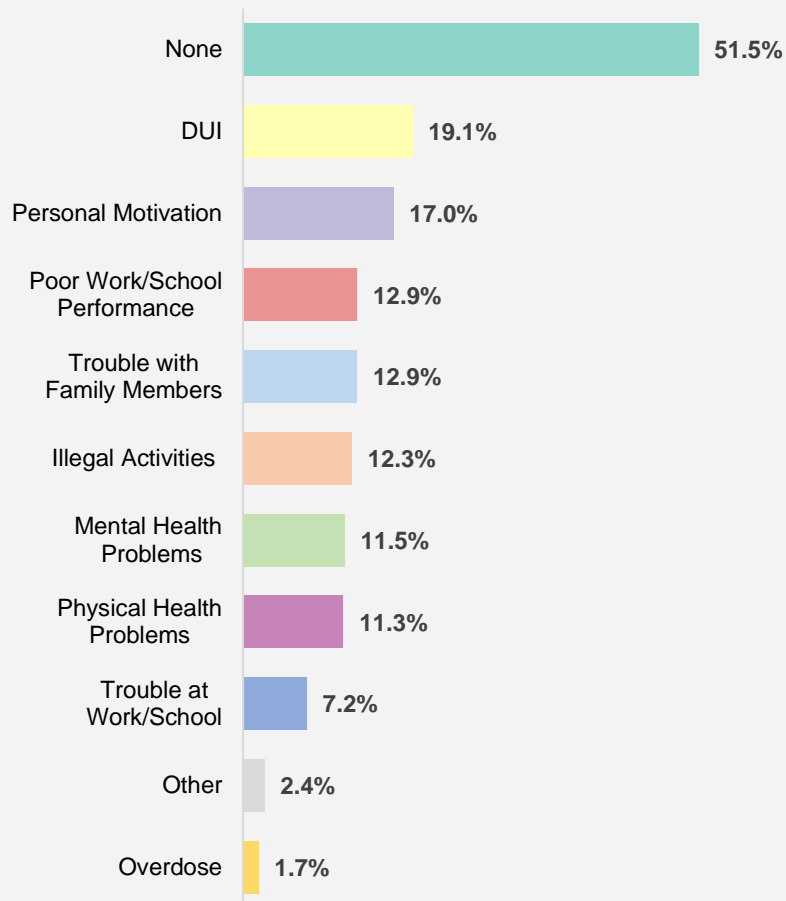
Table 3. Source of Marijuana by Demographics

Dispensary	Friend	Family/Relative	Dealer	Smoke Shop	Home/Self-Grown	Delivery Service	Other	Coworkers/Schoolmate	Stole
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	Most Common Sources (%)					
	1st	2nd	3rd	4th	5th	6th
Sex						
Male	40.0	32.3	6.0	5.5	4.2	4.0
Female	38.7	34.1	12.5	3.2	2.7	2.3
Age						
12-17	43.0	13.3	[11.5*	11.5*]	7.6	3.9*
18-20	31.2	26.1	16.3	9.7	[5.4*	5.4*]
21-29	51.7	28.4	5.7	3.7*	2.7*	2.1*
30-39	45.7	28.5	10.2	5.5	3.3*	3.2*
40+	38.9	33.9	8.6	6.3	4.0*	2.3*
Race/Ethnicity						
Latino	41.7	31.4	8.3	3.9	3.8	3.4
White	38.7	33.2	12.5	4.4*	3.7*	2.3*
Black	39.2	27.9	9.6	9.1	4.9*	4.1*
Asian	51.1	27.6	7.6*	5.9*	2.4**	2.1**
AI/AN†	51.6	22.1*	12.5**	7.1**	6.8**	.
Multi	43.4	26.8	14.0*	7.2*	5.1**	2.0**
Nativity						
US Born	40.0	32.5	9.2	4.9	3.3	3.2
Foreign Born	36.7	35.8	7.9	6.7*	3.1**	3.0*
Sexual Orientation						
Heterosexual	39.2	34.4	8.7	4.7	4.1	3.0
LGBQ	40.3	28.8	10.9	4.9*	3.0	2.8*
Other	37.9	25.2	8.4**	8.2**	4.8**	4.5*

Harms of Use

In what ways did your marijuana use cause harm? (%)



Notes: Only those who have used marijuana at least once in their lifetimes were asked this question. Respondents were asked to select up to five choices

"Illegal activities" included theft, arrest, property damage, obtaining from dealer.

"Other" responses included "all of the above", "gateway drug", "overeat", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

** The estimate is statistically unstable (RSE >50%);

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

Table 4. Common Harms Reported from Marijuana Use by Demographics

	No Harms	DUI	Motivation	Perform Poorly	Family Trouble	Illegal Activities	Mental Health	Physical Health	Work/school	Other	Overdose
Most Common Harms Reported (%)											
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
Sex											
Male	45.4	25.3	19.5	16.9	16.7	14.4	12.8	11.1	9.6	1.4*	1.3*
Female	58.2	14.2	12.4	11.5	11.2	10.1	8.7	7.2	4.5	3.4	2.2
Age											
12-17	46.9	24.1	19.2	14.3	11.1	10.1	9.1	8.2	5.5	4.2*	2.3**
18-20	42.1	23.4	21.2	18.1	17.1	16.9	14.8	13.3	8.5*	3.5**	3.3*
21-29	56.2	17.7	15.5	12.0	11.4	11.1	10.5	7.2	5.7	0.8**	0.7**
30-39	48.4	20.6	19.7	15.6	15.4	13.4	11.1	9.0	6.3	2.7*	2.4*
40+	52.5	23.6	17.3	15.2	12.6	11.8	10.5	7.5	6.3	3.6*	1.2*
Race/Ethnicity											
Latino	51.0	19.4	15.5	14.5	13.3	12.3	11.1	10.7	7.8	2.4	2.0
White	49.1	22.4	19.5	14.7	13.1	12.8	11.1	7.7	6.4	2.5**	1.1*
Black	53.5	22.4	18.3	12.2	12.0	11.1	10.9	9.0	6.9	2.3*	0.5**
Asian	60.5	19.3	14.7	14.1	12.8	11.6*	8.6	7.2	2.5*	2.3*	0.9**
AI/AN†	56.7	25.2*	21.8*	14.0**	13.7**	[10.0**]	10.0**	8.1**	4.4**	3.7**	.
Multi	57.1	19.2	15.8*	12.3*	11.2*	8.9*	6.2**	4.9**	4.0**	3.8**	.
Nativity											
US Born	51.8	19.3	16.6	12.5	12.0	11.4	11.3	11.1	7.2	2.6	1.4
Foreign Born	50.3	18.9	17.7	17.1	17.0	14.8	13.5	11.6	6.8*	3.7*	0.9**
Sexual Orientation											
Heterosexual	50.7	19.8	18.3	13.5	12.8	12.7	11.6	11.3	7.3	2.4	1.5
LGBQ	55.8	15.7	13.3	12.7	11.1	11.0	9.4	9.3	6.3	2.0**	1.8*
Other	52.2	17.1*	[13.5*	13.5*]	12.3*	11.8*	9.0*	7.9*	7.3*	3.7**	1.1**

Gone to Work/School Under the Influence

Have you ever gone to **work/school** under the influence of marijuana? (%Yes)



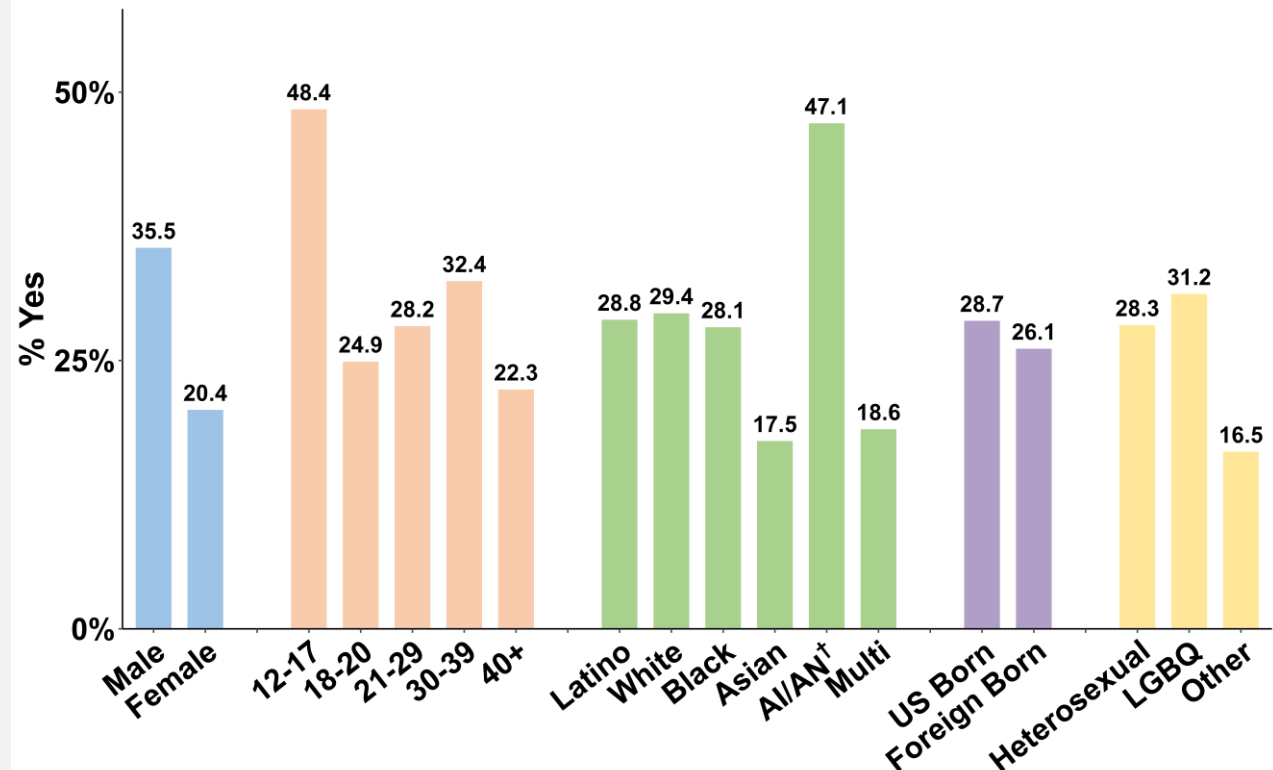
Area	% Yes
Service Planning Area (SPA)	
SPA 1	34.6
SPA 2	27.9
SPA 3	22.0
SPA 4	23.0
SPA 5	31.0
SPA 6	33.7
SPA 7	28.1
SPA 8	29.4
Supervisorial District (SD)	
SD 1	24.6
SD 2	32.4
SD 3	27.9
SD 4	26.9
SD 5	30.0

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

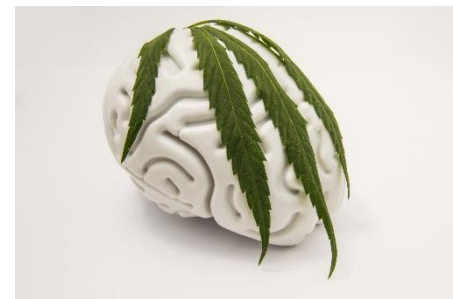
Adults were asked if they had gone to *work*, and youth were asked if they had gone to *school* under the influence of marijuana.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Figure 8. Gone to Work/School Under the Influence of Marijuana by Demographics



Sex	Age	Race/Ethnicity	Nativity	Sexual Orientation
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Driving Under the Influence

Have you ever **driven a car** while under the influence of marijuana? (% Yes)

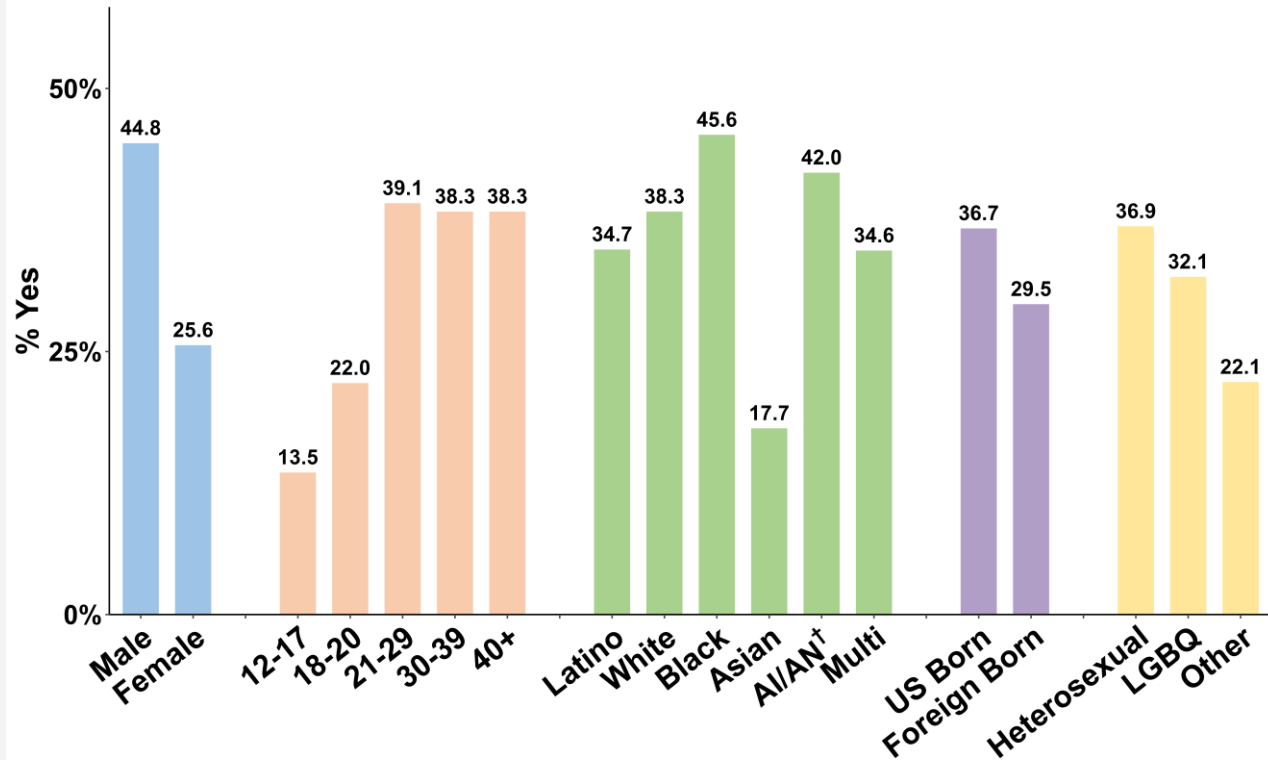


Area	%Ever DUI
Service Planning Area (SPA)	
SPA 1	37.4
SPA 2	31.2
SPA 3	28.4
SPA 4	40.4
SPA 5	47.5
SPA 6	40.8
SPA 7	34.3
SPA 8	37.3
Supervisory District (SD)	
SD 1	32.9
SD 2	42.2
SD 3	34.6
SD 4	32.9
SD 5	34.9

Note: Only those who have used marijuana at least once in their lifetimes were asked this question.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Figure 9. Driven a Car Under the Influence of Marijuana by Demographics

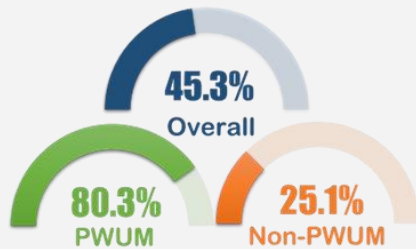


Sex	Age	Race/Ethnicity	Nativity	Sexual Orientation
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Marijuana Use Among Close Friends

Do any of your **close friends** use marijuana? (%Yes)



Area	Close Friends Use		
	All	PWUM	Non-PWUM
Service Planning Area (SPA)			
SPA 1	45.4	81.4	22.9
SPA 2	45.5	83.6	23.7
SPA 3	45.7	79.0	25.9
SPA 4	41.9	79.4	24.2
SPA 5	60.2	85.4	21.6
SPA 6	43.3	79.5	24.5
SPA 7	46.8	76.3	27.2
SPA 8	44.7	84.0	25.9
Supervisory District (SD)			
SD 1	45.4	78.0	25.6
SD 2	42.9	81.1	23.2
SD 3	47.0	84.2	24.6
SD 4	44.8	77.6	27.0
SD 5	48.7	82.5	24.9

Notes: PWUM included those who had ever used marijuana.

Non-PWUM included those who had never used marijuana.

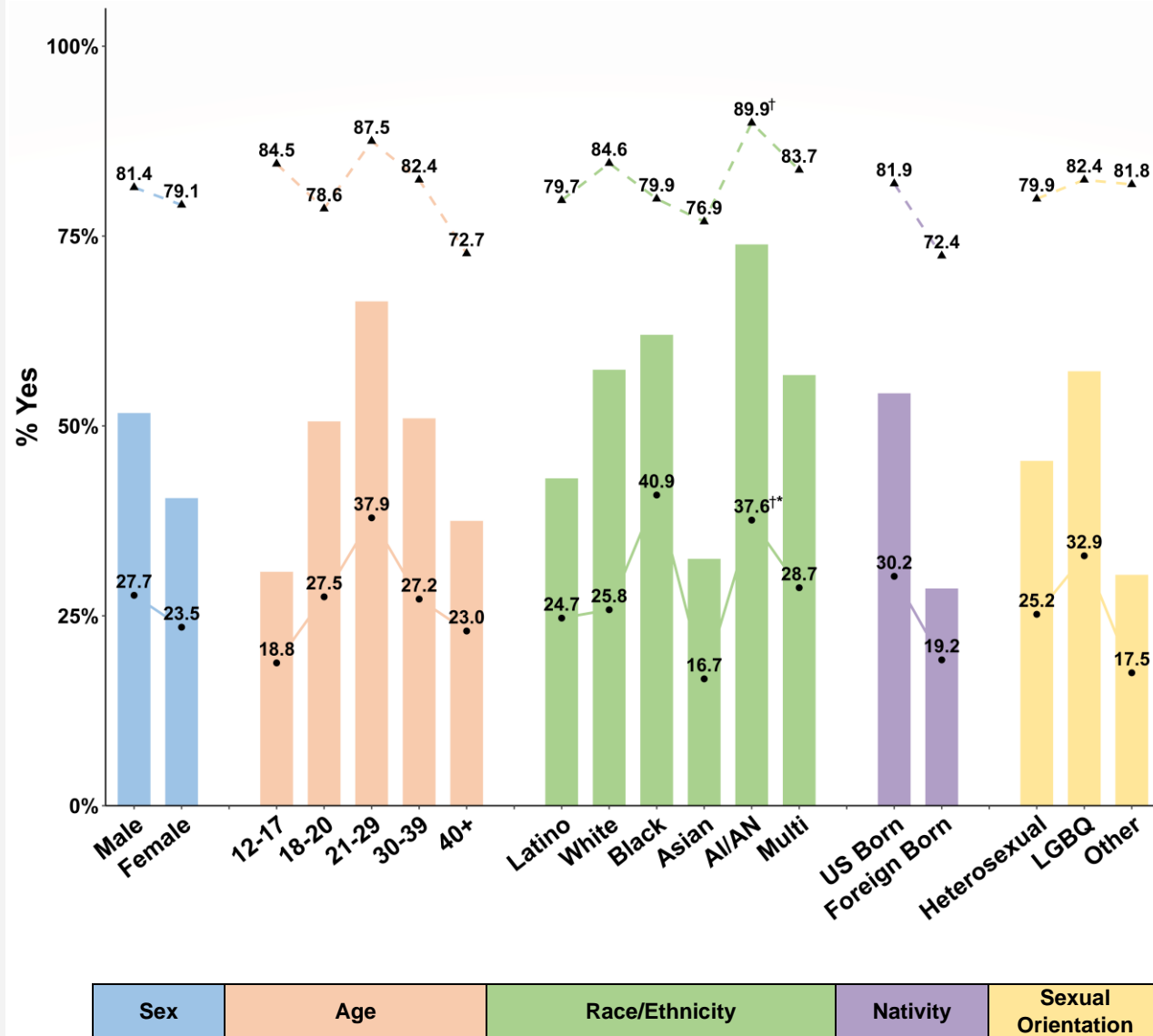
* The estimate is for planning and policy purposes (RSE is between 30% and 50%);

** The estimate is statistically unstable (RSE > 50%);

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

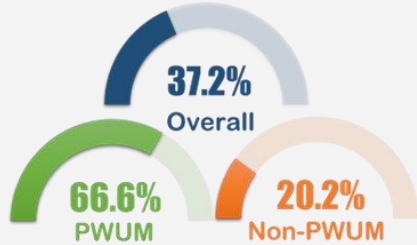
Figure 10. Marijuana Use Among Close Friends by Demographics



---▲--- PWUM —●— Non-PWUM

Marijuana Use Among Family Members

Do any of your **family members** use marijuana? (%Yes)



Area	Family Members Use		
	All	PWUM	Non-PWUM
Service Planning Area (SPA)			
SPA 1	40.7	75.3	19.1
SPA 2	36.4	67.5	18.4
SPA 3	37.7	62.4	23.1
SPA 4	31.2	63.7	15.7
SPA 5	49.7	65.1	26.0
SPA 6	39.5	71.4	23.0
SPA 7	37.1	63.3	19.6
SPA 8	35.0	67.8	19.6
Supervisory District (SD)			
SD 1	36.3	61.7	20.9
SD 2	36.3	66.7	20.7
SD 3	38.4	68.1	20.5
SD 4	36.4	67.9	19.3
SD 5	40.4	70.4	19.4

Notes: PWUM included those who had ever used marijuana.

Non-PWUM included those who had never used marijuana.

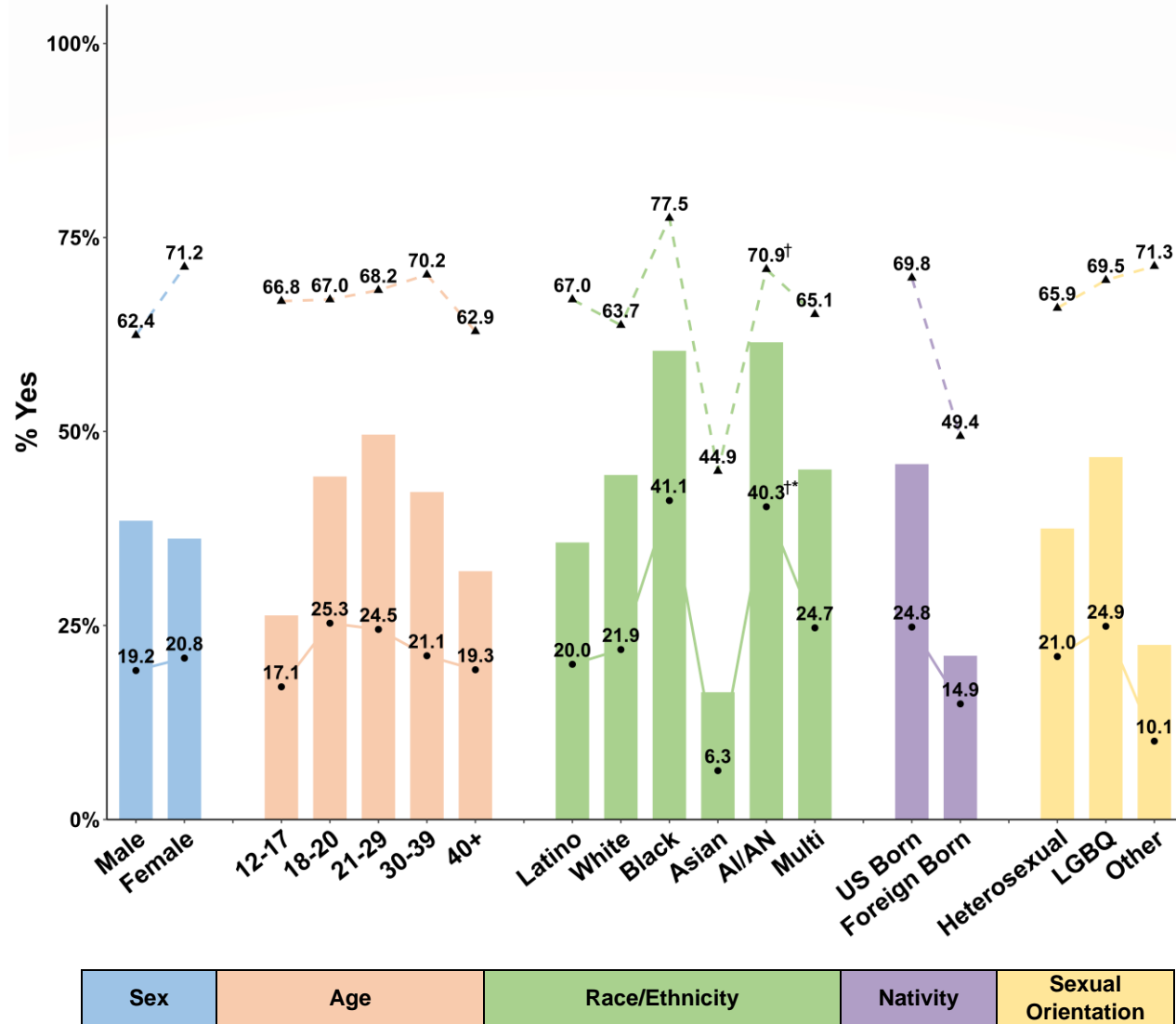
* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

** The estimate is statistically unstable (RSE > 50%);

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

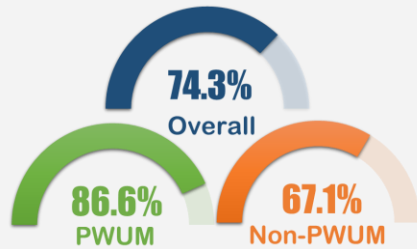
Figure 11. Marijuana Use Among Family Members by Demographics



--▲-- PWUM —●— Non-PWUM

Perceived Easy Access

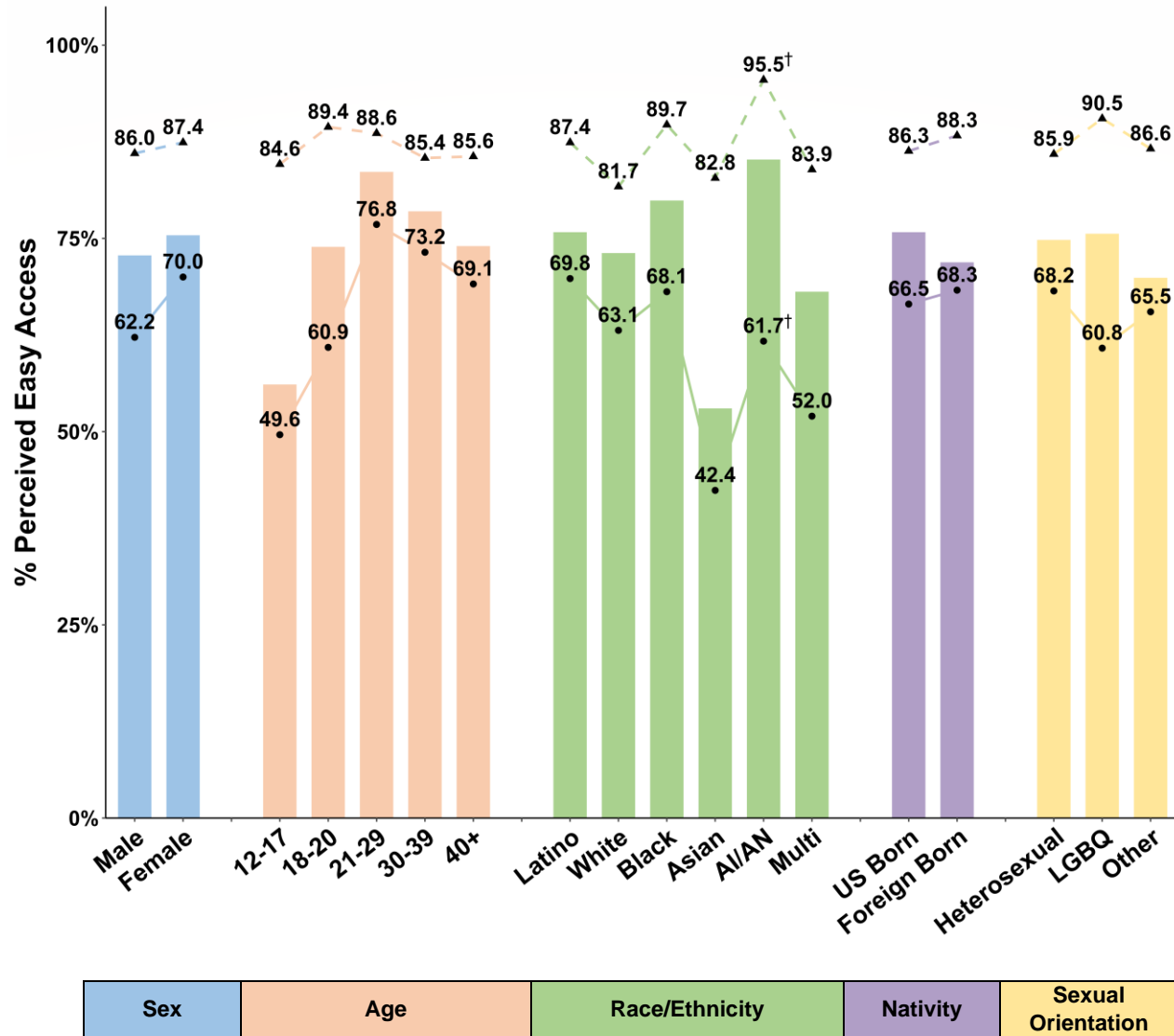
How **easy** would it be for **someone** to get marijuana on the street around your neighborhood? (%Easy)



Area	% Perceived Easy Access		
	All	PWUM	Non-PWUM
Service Planning Area (SPA)			
SPA 1	72.8	83.5	66.0
SPA 2	72.4	84.9	65.2
SPA 3	74.0	87.2	66.0
SPA 4	78.1	87.7	73.3
SPA 5	74.9	88.3	54.3
SPA 6	77.9	90.9	71.2
SPA 7	76.1	84.5	70.3
SPA 8	66.7	86.1	57.0
Supervisory District (SD)			
SD 1	76.9	90.2	68.8
SD 2	75.7	89.6	68.5
SD 3	75.6	88.7	67.7
SD 4	72.4	82.6	66.6
SD 5	68.4	80.0	60.4

Notes: Easy access included response options "very easy" and "somewhat easy". PWUM included those who had ever used marijuana. Non-PWUM included those who had never used marijuana. †The estimate is statistically unstable (sample size < 30); Interpret with caution.

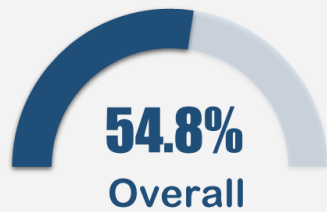
Figure 12. Perceived Easy Access to Marijuana by Demographics



--▲-- PWUM —●— Non-PWUM

Perceived Risk of Youth Harm

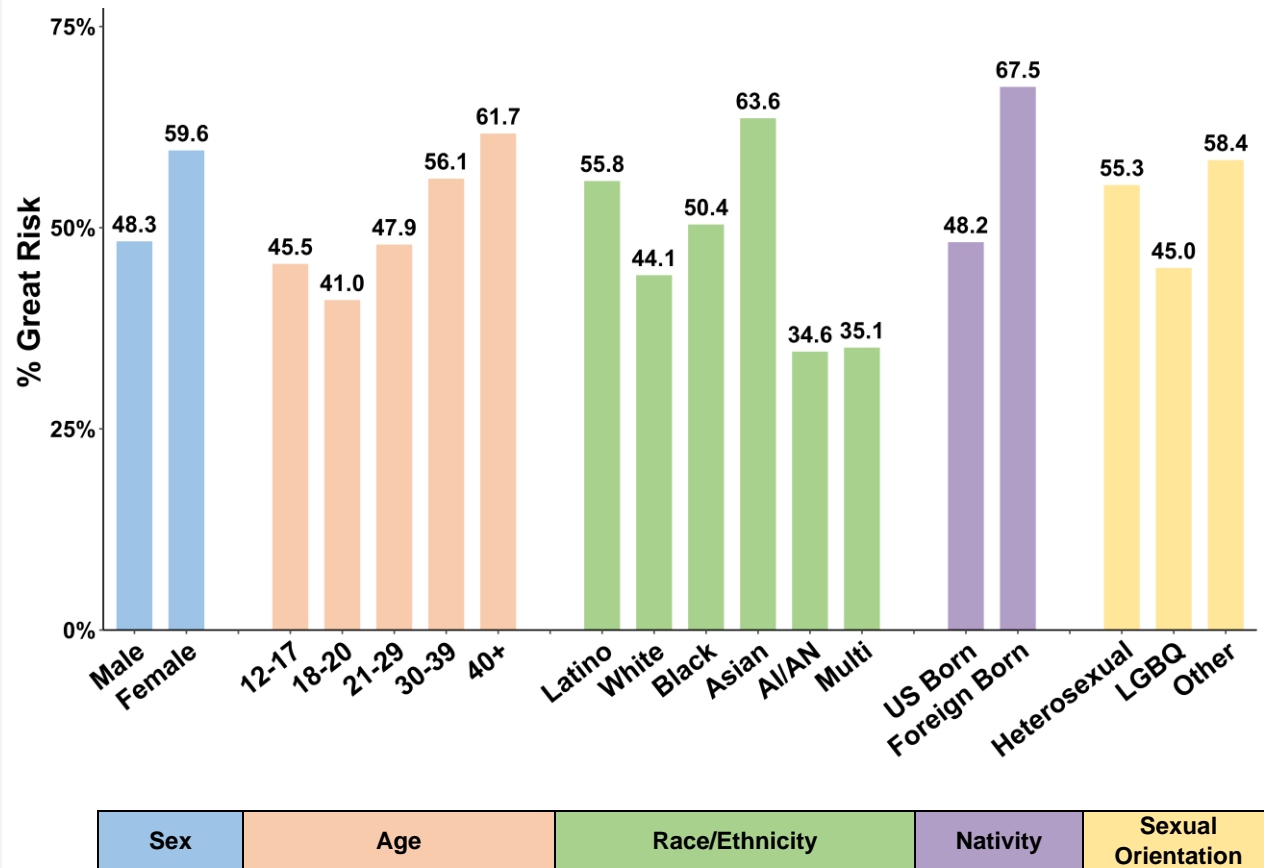
How much do you think **youth risk** harming themselves if they use marijuana regularly**?
(%Great Risk)



Area	% Great Risk
Service Planning Area (SPA)	
SPA 1	49.7
SPA 2	54.4
SPA 3	54.6
SPA 4	54.1
SPA 5	33.4
SPA 6	55.6
SPA 7	54.3
SPA 8	61.8
Supervisory District (SD)	
SD 1	52.7
SD 2	57.3
SD 3	53.3
SD 4	57.5
SD 5	49.4

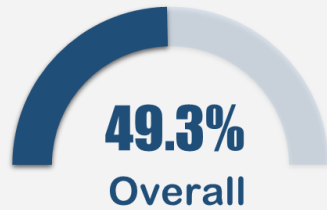
Notes: **Regular marijuana use was defined as using marijuana at least once or twice a week. Risk perception by use history is available in the Appendix N.

Figure 13. Perceived Great Risk of Youth Using Marijuana Regularly by Demographics



Perceived Risk of Adult Harm

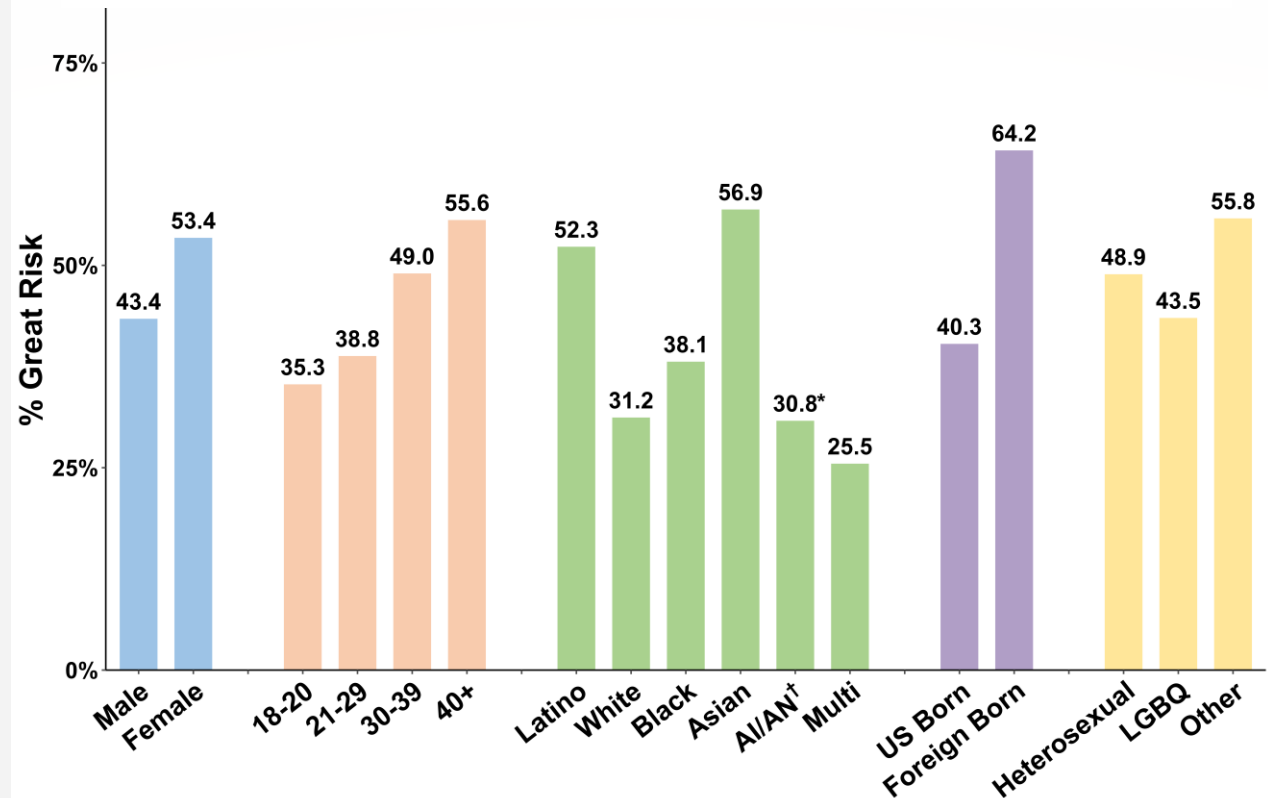
How much do you think **adults risk** harming themselves if they use marijuana regularly**?
(%Great Risk)



Area	% Great Risk
Service Planning Area (SPA)	
SPA 1	49.0
SPA 2	45.7
SPA 3	50.5
SPA 4	53.3
SPA 5	26.8
SPA 6	51.8
SPA 7	48.9
SPA 8	51.5
Supervisory District (SD)	
SD 1	49.6
SD 2	53.8
SD 3	45.3
SD 4	49.6
SD 5	43.9

Notes: **Regular marijuana use was defined as using marijuana at least once or twice a week. Only adult surveys included this question
Risk perception by use history is available in the Appendix O.
† The estimate is statistically unstable (sample size < 30);
Interpret with caution.

Figure 14. Perceived Great Risk of Adults Using Marijuana Regularly by Demographics

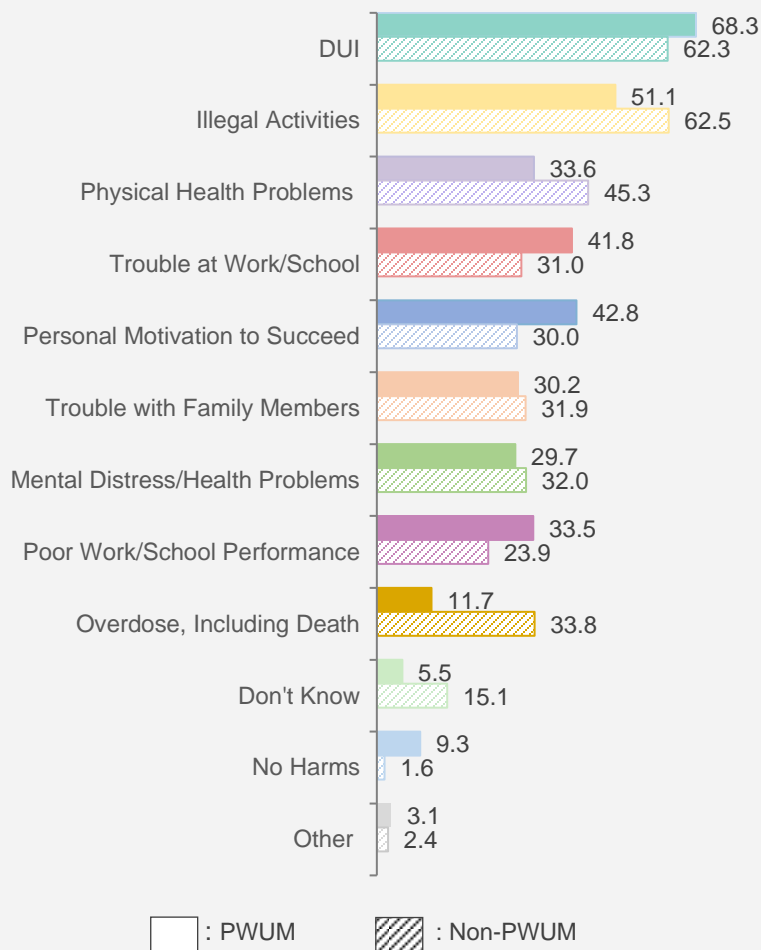


Sex	Age	Race/Ethnicity	Nativity	Sexual Orientation
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Perceived Harms

In what ways do you **think** marijuana use can **cause harm**? (%)



Notes: Respondents were asked to select up to five options.

"Illegal activities" included theft, arrest, property damage, obtaining from dealer.

"Other" responses included "all of the above", "gateway drug", "overeat", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

** The estimate is statistically unstable (RSE > 50%);

† The estimate is statistically unstable (sample size < 30);

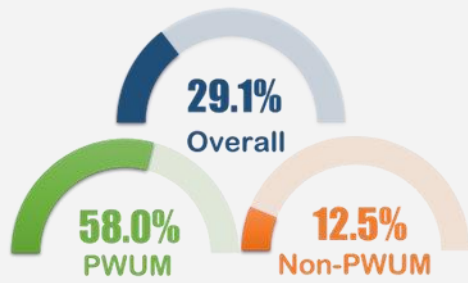
Interpret with caution.

Table 5. Perceived Harms of Marijuana Use by Demographics

	DUI	Illegal Activities	Physical Health	Work/School	Personal Motivation	Family Trouble	Mental Health	Perform Poorly	Overdose	Don't Know	No Harms	Other
Most Common Perceived Harms (%)												
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
Overall	64.5	58.3	41.1	34.9	34.6	31.4	31.1	27.4	25.8	11.6	4.5	2.7
Sex												
Male	62.0	56.9	36.6	36.2	33.9	30.2	28.6	27.0	21.6	11.3	6.7	2.8
Female	66.3	59.4	44.4	35.2	34.2	34.0	32.3	28.9	26.5	11.8	2.9	2.6
Age												
12-17	61.7	49.2	45.9	39.7	39.2	38.5	36.5	26.3	25.3	15.1	4.1	1.5
18-20	62.7	55.0	37.4	35.5	33.5	31.7	31.3	25.7	25.2	12.1	6.4	1.7*
21-29	65.1	54.6	37.7	37.5	36.9	31.9	29.4	27.8	16.8	8.8	7.3	2.1*
30-39	67.1	56.7	38.4	35.9	35.6	28.9	28.8	26.9	22.9	9.6	4.9	2.7
40+	67.8	60.1	42.8	35.8	32.3	31.7	30.2	27.5	26.7	12.5	3.4	3.0
Race/Ethnicity												
Latino	63.1	59.1	41.5	35.0	32.7	32.3	30.7	26.7	25.3	12.3	4.4	2.8
White	75.3	54.1	47.0	39.0	38.5	38.0	35.0	28.1	15.9	5.4	3.7	2.4*
Black	62.7	53.2	39.1	33.6	33.1	29.0	25.4	25.0	16.1	12.5	8.2	3.0
Asian	67.0	61.8	48.4	40.3	37.3	34.6	33.8	32.9	28.9	11.2	2.4*	1.6*
AI/AN†	59.3	55.5	53.7	50.7	38.3	36.3	33.0*	30.4*	20.5*	11.2**	4.2**	4.0**
Multi	60.1	54.7	39.9	39.6	38.7	37.9	32.3	29.8	20.5	11.5	9.1	1.9*
Nativity												
US Born	65.7	56.6	38.5	37.5	37.0	31.7	30.4	30.3	20.3	9.5	5.7	2.3
Foreign Born	62.9	61.8	46.3	36.7	32.6	31.1	30.2	29.2	22.2	14.9	3.6	2.1
Sexual Orientation												
Heterosexual	66.4	60.3	41.9	37.3	35.8	32.0	31.9	28.7	25.5	10.0	4.2	2.4
LGBQ	62.2	54.5	38.5	33.9	29.7	29.0	27.4	25.2	22.5	11.6	6.8	1.9*
Other	52.0	47.2	37.0	31.6	29.8	29.0	26.6	23.4	20.7	19.4	5.8	4.7*

Passengers of Drivers Under the Influence

Have you ever been a **passenger** in a car when the driver was under the influence of marijuana? (%Yes)



Area	% Yes		
	All	PWUM	Non-PWUM
Service Planning Area (SPA)			
SPA 1	31.2	57.7	14.5
SPA 2	28.7	57.2	12.6
SPA 3	26.5	50.4	12.2
SPA 4	26.0	62.5	9.0
SPA 5	48.9	67.8	20.0
SPA 6	31.1	62.9	14.7
SPA 7	29.1	54.8	11.9
SPA 8	27.6	61.1	11.7
Supervisory District (SD)			
SD 1	27.9	54.3	11.8
SD 2	30.5	64.2	13.3
SD 3	30.8	59.8	13.5
SD 4	25.9	52.9	11.2
SD 5	32.9	60.0	13.7

Notes: PWUM included those who had ever used marijuana.

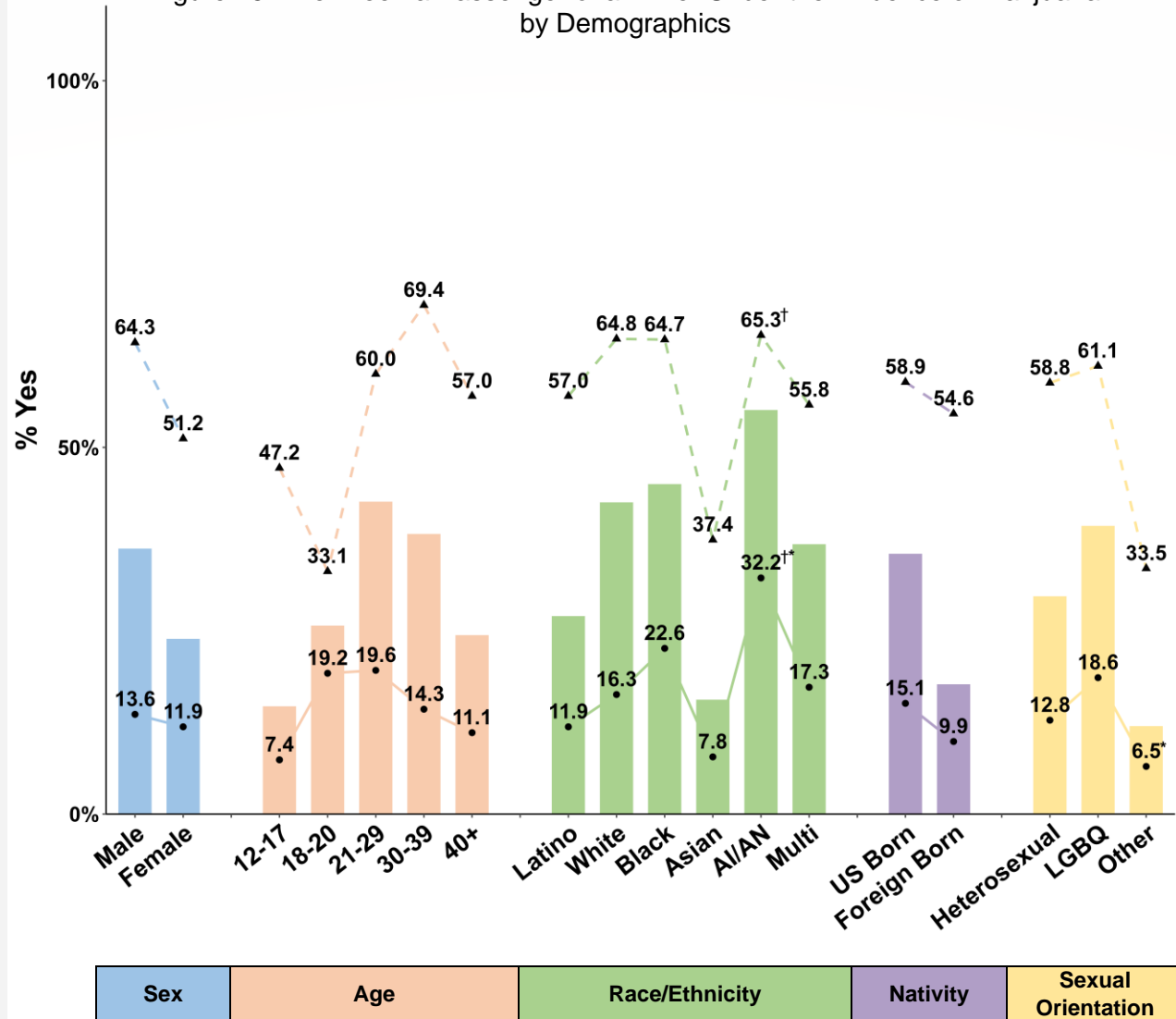
Non-PWUM included those who had never used marijuana.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

Figure 15. Ever Been a Passenger of a Driver Under the Influence of Marijuana by Demographics

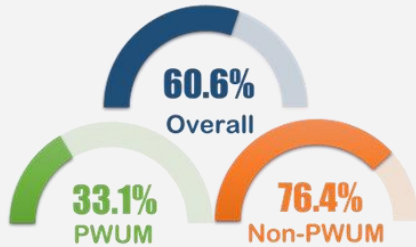


--▲-- PWUM

—●— Non-PWUM

Perceived Peer Disapproval

How would your close friends feel if **you** used marijuana? (%Disapprove)



Area	% Perceived Disapproval		
	All	PWUM	Non-PWUM
Service Planning Area (SPA)			
SPA 1	59.6	30.6	77.9
SPA 2	58.9	29.8	75.5
SPA 3	62.3	32.9	79.7
SPA 4	62.7	23.9	81.8
SPA 5	39.2	24.1	62.4
SPA 6	61.7	35.3	75.1
SPA 7	60.7	38.7	75.2
SPA 8	62.0	37.0	74.2
Supervisory District (SD)			
SD 1	61.6	30.4	80.6
SD 2	62.2	34.8	76.5
SD 3	56.8	28.0	74.1
SD 4	62.2	39.6	74.4
SD 5	57.4	30.0	76.7

Notes: Disapproval included response options "strongly disapprove" and "disapprove".

PWUM included those who had ever used marijuana.

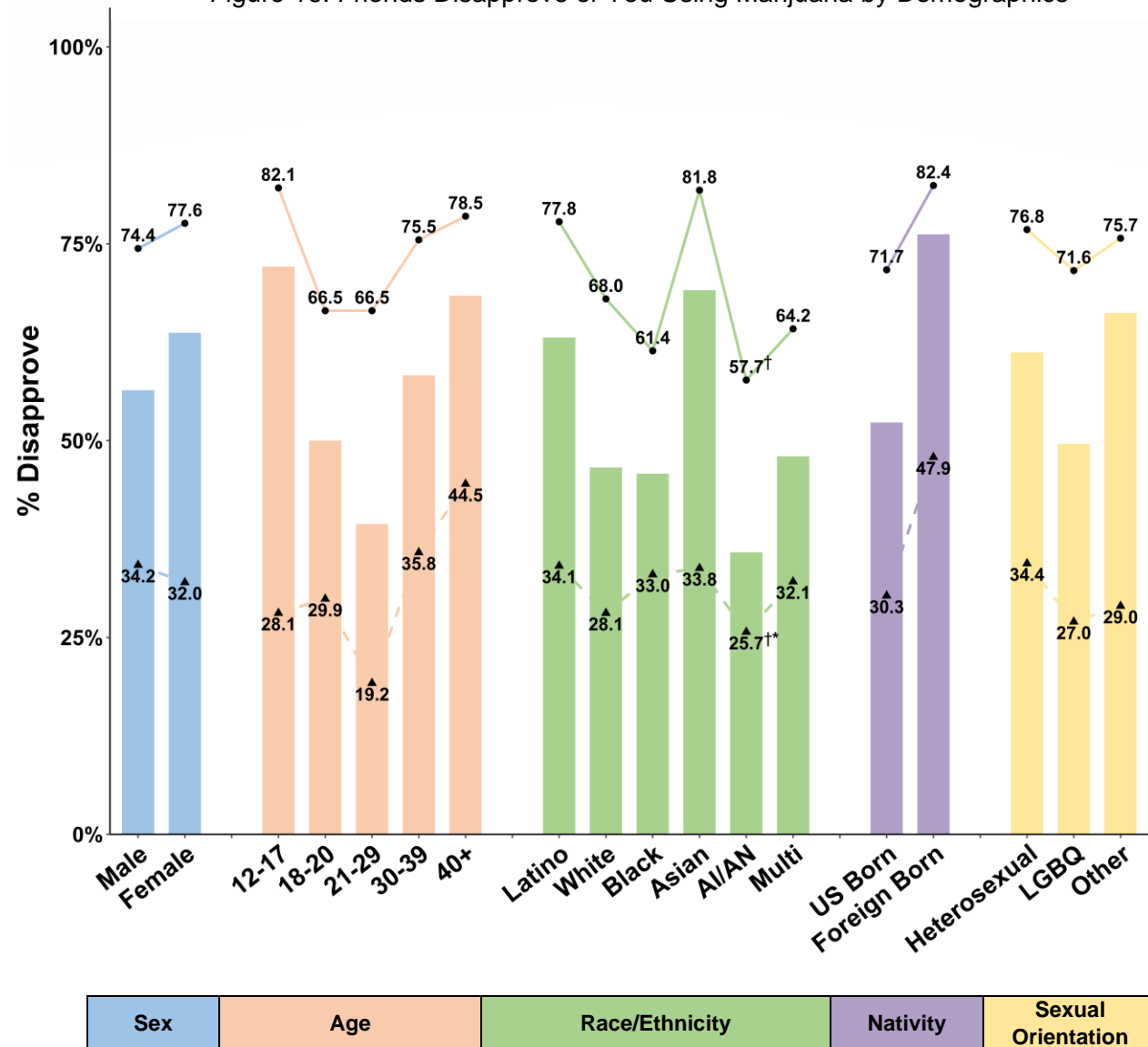
Non-PWUM included those who had never used marijuana.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%);

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

Figure 16. Friends Disapprove of You Using Marijuana by Demographics



--▲-- PWUM

—●— Non-PWUM

Summary of Findings

Prevalence of Marijuana Use

- Among Los Angeles County (LAC) residents aged 12 and older, 36.5% reported ever using marijuana at least once in their lifetime (lifetime marijuana use).
- The prevalence of current marijuana use (at least once in the past 30 days) among LAC residents aged 12 and older was 13.8%. This was lower than that reported in the 2022 National Survey on Drug Use and Health (NSDUH), in which 15.0% of the US population 12 and older reported using marijuana at least once in the past month.
- Lifetime and current marijuana use was highest among males (44.6% and 16.7%), those aged 21-29 (57.4% and 27.5%), US Born (46.8% and 18.2%), and LGBTQ individuals (49.2% and 24.8%).
- Although the AI/AN population had the highest percentage of lifetime use (69.3%), the Black/African-American population had the highest percentage of current use (25.1%) as compared to other racial/ethnic groups.
- The prevalence of lifetime marijuana use among youth aged 12-17 was 18.4%. This was higher than the NSDUH (2022) prevalence of 13.5% lifetime marijuana use for the same age group and lower than that reported in the Youth Risk Behavior Survey (YRBS) from 2021, in which 20.5% of high school students in the Los Angeles Unified School District reported lifetime use of marijuana.
- The prevalence of current marijuana use among youth aged 12-17 was 9.2%. This was higher than that reported in the 2022 NSDUH (6.4%) and slightly lower than that reported in the 2021 YRBS (9.9%).
- Service Planning Area (SPA) 5 reported the highest prevalence of current use of marijuana (25.9%), followed by

SPA 7 (14.5%), SPAs 1 and 6 (both 14.4%), SPA 4 (13.7%), SPAs 2 and 3 (13.5%), and SPA 8 (9.6%).

- Supervisorial District (SD) 3 reported the highest prevalence of current marijuana use (15.6%), followed by SD 1 (15.3%), SD 2 (13.1%), SD 5 (12.7%), and SD 4 (12.3%).

Frequency of Use

- On average, those who currently use marijuana reported using 14 days in the past month.
- SPA 4 indicated the greatest number of days of use in the past month (18 days, on average), followed by SPA 6 (17 days), SPAs 1 and 7 (14 days), SPAs 2 and 5 (13 days). SPAs 3 and 8 indicated the least use, on average, at 12 days per month.
- SD 2 indicated 16 days of use, on average per month, followed by SD 3 (15 days), SD 1 (14 days), SD 4 (13 days), and SD 5 (12 days).

Age of Initiation

- The average age of first use of marijuana among LAC residents aged 12 and older was 17 years; 59.7% of PWUM¹ first used marijuana before age 18.
- SPA 6 indicated the highest percentage of those initiating marijuana use under the age of 18 (69.3%), followed by SPA 1 (61.8%), SPA 4 (61.6%), SPA 2 (60.7%), SPA 3 (60.0%), SPA 7 (54.6%), SPA 8 (54.4%), and SPA 5 (47.6%).
- SD 2 indicated the highest percentage of those initiating marijuana use under the age of 18 (62.5%), followed by SD 1 (62.1%), SD 5 (60.9%), SD 3 (57.8%), and SD 4 (55.3%).

¹ "PWUM" indicates a person who has used marijuana.

Summary of Findings (Cont.)

Accessibility

- Of those who used marijuana at least once in their lifetime, 93.1% reported marijuana was easy for them to obtain.
- Among youth aged 12-17 who used marijuana at least once, 81.7% reported marijuana was easy for them to obtain.
- SPA 5 (96.2%) had the highest prevalence of people who use marijuana (PWUM) who reported it was easy for them to obtain marijuana, followed by SPA 2 (95.1%), SPA 8 (94.2%), SPA 4 (93.6%), SPA 1 (92.9%), SPA 3 (92.5%), SPA 6 (91.7%), and SPA 7 (91.5%).
- SD 3 had the highest prevalence of PWUM who reported it was easy for them to obtain marijuana (96.0%), followed by SD 1 (94.4%), SD 2 (94.0%), SD 5 (92.8%), and SD 4 (89.0%).

Reasons for Use

- The most common reasons for using marijuana were to relax (62.9%), for fun (57.9%), to deal with anxiety/stress (41.3%), and to help sleep (38.4%).
- All age groups indicated relaxing as the most common reason to use marijuana, except ages 18-20 who indicated that they used for fun (69.1%).
- Females were more likely than males to indicate dealing with depression as a reason for use (27.0% vs. 22.7%). Residents born in the US were also more likely to cite this reason than residents born outside of the US (26.4% vs. 15.2%).

Setting of Use

- Overall, LAC PWUM typically used marijuana with friends (51.5%), particularly for young adults aged 18-20 (56.8%) and Asian individuals (73.5%).

- Over one-third of LAC PWUM (33.4%) typically used marijuana alone, particularly for AI/AN individuals (43.3%)[†], Black/African-American individuals (39.8%), and adults aged 40+ (39.4%).

Route of Administration

- Nearly all PWUM (90.5%) had used marijuana by smoking it. More than half (62.9%) had used marijuana edibles, and 43.0% had vaped marijuana.
- Marijuana vaping was more often reported among young adults (ages 18-20: 59.2%; ages 21-29: 55.2%) compared to other age groups.
- Edibles were most commonly reported in the following demographic groups: females (68.1%), adults 21-29 (76.1%), AI/AN individuals (83.3%)[†], US Born (65.6%), and LGBTQ individuals (70.7%).

Source of Marijuana

- PWUM most commonly obtained their marijuana from a dispensary (39.4%), followed by friends (33.2%), family/relatives (8.9%), and dealers (4.4%). Social media and the internet (both 0.3%)* accounted for the smallest portion among all sources.
- Friends were the most common source of obtaining marijuana for all race/ethnicity groups except Latino and Black/African-American populations who indicated dispensaries as the most common sources (41.7% and 39.7%), respectively.

[†] The estimate is statistically unstable (sample size < 30); Interpret with caution.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

Summary of Findings (Cont.)

Harms of Use

- More than half (51.5%) of people who use marijuana (PWUM) reported no harms from using marijuana.
- The most common harms reported by PWUM were DUI (19.1%), a decrease in personal motivation to succeed (17.0%), poor performance at work/school, and trouble with family members (both 12.9%). Overdose accounted for the smallest portion (1.7%) among all harms experienced by PWUM.

Gone to Work/School Under the Influence

- Overall in LAC, 28.3% of PWUM aged 12 and older had gone to work or school while under the influence of marijuana.
- The highest prevalence of having gone to work/school under the influence of marijuana were among males (35.5%), youth aged 12-17 (48.4%), AI/AN individuals (47.1%), US Born (28.7%), and LGBTQ individuals (31.2%), compared to others in their respective demographic categories.
- SPA 1 indicated the highest prevalence of PWUM attending work/school under the influence of marijuana (34.6%), followed by SPA 6 (33.7%), SPA 5 (31.0%), SPA 8 (29.4%), SPA 7 (28.1%), SPA 2 (27.9%), SPA 4 (23.0%), and SPA 3 (22.0%).
- SD 2 indicated the highest prevalence of PWUM attending work/school under the influence of marijuana (32.4%), followed by SD 5 (30.0%), SD 3 (27.9%), SD 4 (26.9%), and SD 1 (24.6%).

Driving Under the Influence

- Overall in LAC, 35.6% of PWUM had driven a car while under the influence of marijuana.

- Driving a car while under the influence of marijuana was most common among males (44.8%), young adults aged 21-29 (39.1%), Black/African-American individuals (45.6%), US Born (36.7%), and heterosexual individuals (36.9%).
- SPA 5 had the highest prevalence (47.5%) of individuals who had driven a car while under the influence of marijuana, followed by SPA 6 (40.8%), SPA 4 (40.4%), SPA 1 (37.4%), SPA 8 (37.3%), SPA 7 (34.3%), SPA 2 (31.2%), and SPA 3 (28.4%).
- SD 2 had the highest prevalence (42.2%) of PWUM who had driven a car while under the influence of marijuana, followed by SD 5 (34.9%), SD 3 (34.6%), and SDs 1 and 4 (both 32.9%).

Marijuana Use Among Close Friends

- Nearly half (45.3%) of LAC residents aged 12 and older had close friends who use marijuana. PWUM were more likely than non-PWUM¹ to have close friends who use marijuana (80.3% vs. 25.1%).
- Reports of having close friends who use marijuana were highest among males (51.7%), adults aged 21-29 (66.4%), AI/AN individuals (73.9%), those born in the US (54.3%), and LGBTQ individuals (57.2%), compared to others in their respective demographic categories.
- Reports of having close friends who use marijuana were highest in SPA 5 (60.2%), followed by SPA 7 (46.8%), SPA 3 (45.7%), SPA 2 (45.5%), SPA 1 (45.4%), SPA 8 (44.7%), SPA 6 (43.3%), and SPA 4 (41.9%).

¹ "Non-PWUM" indicates a person who has never used marijuana.

Summary of Findings (Cont.)

- Reports of having close friends who use marijuana were highest in SD 5 (48.7%), followed by SD 3 (47.0%), SD 1 (45.4%), SD 4 (44.8%), and SD 2 (42.9%).

Marijuana Use Among Family Members

- Over one-third (37.2%) of LAC residents aged 12 and older had family members who use marijuana. Those who have used marijuana (PWUM) were more likely than non-PWUM¹ to have family members who use marijuana (66.6% vs. 20.2%).
- The demographic groups who were most likely to indicate that family members use marijuana were male (38.5%), those aged 21-29 (49.6%), AI/AN individuals (61.5%), those born in the US (45.8%), and LGBTQ individuals (46.7%).
- SPA 5 (49.7%) reported the highest prevalence of having family members who use marijuana, followed by SPA 1 (40.7%), SPA 6 (39.5%), SPA 3 (37.7%), SPA 7 (37.1%), SPA 2 (36.4%), SPA 8 (35.0%), and SPA 4 (31.2%).
- SD 5 (40.4%) reported the highest prevalence of having family members who use marijuana, followed by SD 3 (38.4%), SD 4 (36.4%), and SDs 1 and 2 (both 36.3%).

Perceived Easy Access

- Among LAC residents aged 12 and older, 74.3% indicated that marijuana was either “very easy” or “somewhat easy” to obtain on the streets around their neighborhood. The perception was more pronounced for those who had ever used marijuana (86.6%) than for those who had never used marijuana (67.1%).

- Among youth (ages 12-17), 56.1% indicated easy access to marijuana in their neighborhood.
- The following demographic groups were the most likely to report that marijuana was easy to access: females (75.4%), those ages 21-29 (83.6%), AI/AN individuals (85.2%), US Born (75.8%), and LGBTQ individuals (75.6%).
- Respondents from SPA 4 were the most likely to indicate that marijuana was easy to obtain (78.1%), followed by SPA 6 (77.9%), SPA 7 (76.1%), SPA 5 (74.9%), SPA 3 (74.0%), SPA 1 (72.8%), SPA 2 (72.4%), and SPA 8 (66.7%).
- Respondents from SD 1 were most likely to indicate that marijuana was easy to obtain (76.9%), followed by SD 2 (75.7%), SD 3 (75.6%), SD 4 (72.4%), and SD 5 (68.4%).

Perceived Risk of Youth – Regular Marijuana Use

- Over half (54.8%) of LAC residents aged 12 and older perceived regular marijuana use (1-2 times per week) to be a great risk for youth.
- Perceptions of great risk for youth were more pronounced for those who had not used marijuana as compared to those who had used (non-PWUM: 63.0% vs. PWUM: 40.1%).
- Overall, males (48.3%), young adults aged 18-20 (41.0%), AI/AN individuals (34.6%), US Born (48.2%) and LGBTQ individuals (45.0%) were least likely to perceive regular marijuana use to be a great risk for youth, as compared to others in their demographic groups.
- The following groups were most likely to perceive regular marijuana use to be a great risk for youth: females (59.6%), those aged 40+ (61.7%), Asian individuals (63.6%), Foreign Born (67.5%), and individuals indicating “Other” as their sexual orientation (58.4%).

¹ “Non-PWUM” indicates an individual who has never used marijuana.

Summary of Findings (Cont.)

- SPA 8 (61.8%) had the highest percentage of those perceiving regular marijuana use to be a great risk for youth, followed by SPA 6 (55.6%), SPA 3 (54.6%), SPA 2 (54.4%), SPA 7 (54.3%), SPA 4 (54.1%), SPA 1 (49.7%) and SPA 5 (33.4%).
- SD 4 (57.5%) had the highest percentage of those perceiving regular marijuana use to be a great risk for youth, followed by SD 2 (57.3%), SD 3 (53.3%), SD 1 (52.7%), and SD 5 (49.4%).

Perceived Risk of Adults – Regular Marijuana Use

- Less than half (49.3%) of LAC residents aged 18 and older perceived regular use of marijuana (1-2 times per week) to be a great risk for adults.
- Those who had ever used marijuana (PWUM) were less likely to indicate great risk for regular adult use than those who had never used marijuana (32.3% vs. 60.1%).
- Males (43.4%), those aged 18-20 (35.3%), Multiracial individuals (25.5%), US Born (40.3%), and LGBTQ individuals (43.5%) were least likely to perceive regular use of marijuana to be a great risk for adults, as compared to others in their demographic groups.
- The following groups were most likely to perceive regular marijuana use as a great risk to adults: females (53.4%), those aged 40+ (55.6%), Asian individuals (56.9%), Foreign Born (64.2%), and individuals indicating “Other” as their sexual orientation (55.8%).
- SPA 4 was the mostly likely to perceive regular use of marijuana to be a great risk for adults (53.3%), followed by SPA 6 (51.8%), SPA 8 (51.5%), SPA 3 (50.5%), SPA 1 (49.0%), SPA 7 (48.9%), SPA 2 (45.7%), and SPA 5 (26.8%).

- SD 2 (53.8%) was the most likely to perceive regular marijuana use to be a great risk for adults, followed by SDs 1 and 4 (both 49.6%), SD 3 (45.3%), and SD 5 (43.9%).

Perceived Harms

- Overall, DUI was the most commonly perceived harm from marijuana use (64.5%), followed by engagement in illegal activities (58.3%), and physical health problems (41.1%).
- Non-PWUM were more likely than PWUM to think that marijuana use could cause harm for the following categories: physical health problems (45.3% vs. 33.6%), trouble with family members (31.9% vs. 30.2%), mental health distress/problems (32.0% vs. 29.7%), overdose (33.8% vs. 11.7%). They were also more likely to indicate that they did not know about the perceived harms than those who had used marijuana (15.1% vs. 5.5%).
- PWUM were more likely than non-PWUM to think that marijuana use could harm in the following ways: DUI (68.3% vs. 62.3%), trouble at work/school (41.8% vs. 31.0%), affecting personal motivation to succeed (42.8% vs. 30.0%), and poor performance at work/school (33.5% vs. 23.9%).
- PWUM were also more likely than non-PWUM to indicate no perceived harms associated with use (9.3% vs. 1.6%).

Passengers of Drivers Under the Influence of Marijuana

- Nearly one-third of LAC residents (29.1%) have been a passenger in a car when the driver was driving under the influence of marijuana.
- SPA 5 (48.9%) had the highest prevalence of residents who had been a passenger in a car when the driver was driving under the influence of marijuana, followed by SPA 1 (31.2%),

Summary of Findings (Cont.)

- SPA 6 (31.1%), SPA 7 (29.1%), SPA 2 (28.7%), SPA 8 (27.6%), SPA 3 (26.5%), and SPA 4 (26.0%).
- SD 5 (32.9%) had the highest prevalence of residents who had been a passenger in a car when the driver was driving under the influence of marijuana followed by SD 3 (30.8%), SD 2 (30.5%), SD 1 (27.9%), and SD 4 (25.9%).

Perceived Social Disapproval

- 60.6% of LAC residents aged 12 and older perceived that their close friends would either disapprove or strongly disapprove if they used marijuana.
- People who have used marijuana (PWUM) were less likely to think their close friends would disapprove of their marijuana usage (33.1%) as compared to those who have not used marijuana (76.4%).
- The following demographic groups had the highest prevalence of perceiving that their close friends would disapprove of them if they used marijuana: females (63.7%), youth ages 12-17 (72.1%), Asian individuals (69.1%), Foreign Born (76.2%), and “Other” sexual orientation (66.2%).
- The following groups were least likely to perceive that their close friends would disapprove of them if they used marijuana: males (56.4%), those aged 21-29 (39.4%), AI/AN individuals (35.8%)[†], US Born (52.3%), and LGBTQ individuals (49.6%).
- Respondents from SPA 4 were most likely to perceive disapproval from close friends if they used marijuana (62.7%), followed by SPA 3 (62.3%), SPA 8 (62.0%), SPA 6 (61.7%), SPA 7 (60.7%), SPA 1 (59.6%), SPA 2 (58.9%), and SPA 5 (39.2%).

- Respondents SDs 2 and 4 were most likely to perceive disapproval from close friends if they use marijuana (62.2%) compared to the other SDs: SD 1 (61.6%), SD 5 (57.4%), and SD 3 (56.8%).



[†] The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix A: Final Analysis Sample

Demographics for Final Analysis Sample

Category	N	%
LAC	8,123	
Sex		
Male	3,171	39.0%
Female	4,952	61.0%
Gender Identity		
Male	3,041	37.9%
Female	4,762	59.4%
Transgender Male	51	0.6%
Transgender Female	53	0.7%
Gender Non-Conforming	115	1.4%
Age		
12-17	2,752	33.9%
18-20	465	5.7%
21-29	1,235	15.2%
30-39	1,211	14.9%
40+	2,460	30.3%
Race/Ethnicity		
Latino	5,354	65.9%
White	678	8.4%
Black	1,052	13.0%
Asian	725	8.9%
NHOPi	46	0.6%
AI/AN	39	0.5%
Other	46	0.6%
Multi	183	2.3%
Nativity		
US Born	6,135	77.1%
Foreign Born	1,819	22.9%
Sexual Orientation		
Heterosexual	6,263	78.0%
LGBQ	1,125	14.0%
Other	648	8.0%

Geographic Distribution for Final Analysis Sample

Area	N	%
LAC	8,123	
SPA 1	719	8.9%
SPA 2	1,440	17.7%
SPA 3	1,211	14.9%
SPA 4	967	11.9%
SPA 5	278	3.4%
SPA 6	1,411	17.4%
SPA 7	1,044	12.9%
SPA 8	1,053	13.0%
SD 1	1,807	22.3%
SD 2	2,171	26.7%
SD 3	1,186	14.6%
SD 4	1,483	18.3%
SD 5	1,476	18.2%

Notes: AI/AN includes "American Indian" and "Alaska Native".

NHOPi includes "Native Hawaiian and Other Pacific Islander".

"Other" sexual orientation included those who indicated "Other" and those who indicated "Prefer not to answer".

SPA and SD were based on zip code of residence, calculated based on the proportion of census block population distribution.

Percentages are based on non-missing values and may not sum to 100% due to rounding.

Appendix B: Prevalence of Use

Category	Lifetime Marijuana Use (%Yes)		Current Marijuana Use (%Yes)	
	%	95% C.I.	%	95% C.I.
LAC	36.5	(34.8 - 38.2)	13.8	(12.6 - 14.9)
Sex				
Male	44.6	(41.7 - 47.5)	16.7	(14.6 - 18.9)
Female	30.5	(28.6 - 32.5)	11.5	(10.2 - 12.8)
Age				
12-17	18.4	(15.7 - 21.1)	9.2	(7.3 - 11.0)
18-20	45.4	(38.6 - 52.2)	18.8	(14.1 - 23.6)
21-29	57.4	(53.3 - 61.4)	27.5	(23.8 - 31.3)
30-39	43.3	(39.3 - 47.3)	12.3	(10.0 - 14.7)
40+	29.0	(26.4 - 31.6)	9.3	(7.7 - 10.9)
Race/Ethnicity				
Latino	33.5	(31.4 - 35.5)	12.9	(11.5 - 14.3)
White	53.9	(48.5 - 59.3)	16.6	(12.8 - 20.3)
Black	53.6	(49.0 - 58.2)	25.1	(21.0 - 29.1)
Asian	26.2	(21.3 - 31.1)	5.9	(3.8 - 8.0)
NHOPI	49.9	(25.9 - 73.9)	19.5	(0.0 - 42.8)**
AI/AN	69.3	(52.0 - 86.7)	18.9	(4.2 - 33.6)*
Other	23.8	(8.8 - 38.7)*	5.0	(0.0 - 11.9)**
Multi	50.5	(41.4 - 59.7)	19.4	(11.5 - 27.3)
Nativity				
US Born	46.8	(44.8 - 48.9)	18.2	(16.7 - 19.8)
Foreign Born	17.3	(14.7 - 19.9)	5.4	(3.8 - 7.0)
Sexual Orientation				
Heterosexual	36.8	(34.9 - 38.7)	13.0	(11.7 - 14.3)
LGBQ	49.2	(44.3 - 54.0)	24.8	(20.6 - 29.0)
Other	20.4	(15.5 - 25.4)	8.0	(4.6 - 11.4)

Area	Lifetime Marijuana Use (%Yes)		Current Marijuana Use (%Yes)	
	%	95% C.I.	%	95% C.I.
LAC	36.5	(34.8 - 38.2)	13.8	(12.6 - 14.9)
SPA 1	38.5	(32.9 - 44.2)	14.4	(10.9 - 17.8)
SPA 2	36.4	(32.6 - 40.3)	13.5	(10.8 - 16.2)
SPA 3	37.4	(33.0 - 41.7)	13.5	(10.7 - 16.3)
SPA 4	32.2	(27.1 - 37.3)	13.7	(10.0 - 17.3)
SPA 5	60.5	(50.9 - 70.1)	25.9	(16.7 - 35.1)
SPA 6	34.0	(30.3 - 37.7)	14.4	(11.9 - 16.9)
SPA 7	39.8	(35.0 - 44.7)	14.5	(10.9 - 18.2)
SPA 8	32.4	(28.1 - 36.6)	9.6	(7.1 - 12.1)
SD 1	37.9	(33.9 - 41.9)	15.3	(12.4 - 18.1)
SD 2	33.9	(30.9 - 36.9)	13.1	(11.1 - 15.1)
SD 3	37.4	(33.4 - 41.4)	15.6	(12.6 - 18.6)
SD 4	35.2	(31.3 - 39.1)	12.3	(9.7 - 15.0)
SD 5	41.3	(37.3 - 45.3)	12.7	(10.4 - 15.0)

Notes: "Current use" was defined as using marijuana in the past 30 days.

Data for Native Hawaiian and other Pacific Islanders (NHOPI) and "Other" race are reported here but are subsequently excluded for all other variables due to small sample size of those indicating lifetime use of marijuana (N < 15).

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE >50%); Interpret with caution.

Appendix C: Use Behaviors

Category	Age of Initiation		% Used Before Age 18		Number Days Used	
	Mean	95% C.I.	%	95% C.I.	Mean	95% C.I.
LAC	17	(17 - 18)	59.7	(56.4 - 63.0)	14	(13 - 15)
Sex						
Male	17	(16 - 18)	63.4	(58.5 - 68.4)	16	(14 - 18)
Female	18	(17 - 18)	55.5	(51.2 - 59.8)	12	(11 - 14)
Age						
12-17	14	(13 - 14)	n/a	(n/a - n/a)	11	(9 - 14)
18-20	18	(17 - 18)	67.7	(55.2 - 80.1)	12	(9 - 15)
21-29	n/a	(n/a - n/a)	56.0	(49.6 - 62.3)	15	(13 - 17)
30-39	n/a	(n/a - n/a)	56.3	(49.1 - 63.4)	15	(12 - 17)
40+	n/a	(n/a - n/a)	54.3	(48.5 - 60.2)	14	(12 - 17)
Race/Ethnicity						
Latino	17	(16 - 17)	62.7	(58.4 - 66.9)	14	(13 - 16)
White	18	(17 - 19)	55.1	(46.9 - 63.3)	14	(11 - 16)
Black	18	(17 - 20)	58.9	(51.6 - 66.2)	17	(14 - 19)
Asian	20	(18 - 21)	37.1	(25.6 - 48.6)	10	(7 - 14)
AI/AN	16	(11 - 22)†	82.0	(63.8 - 100.0)†	20	(11 - 30)†
Multi	17	(16 - 18)	61.1	(45.9 - 76.3)	8	(5 - 11)
Nativity						
US Born	17	(17 - 17)	62.7	(59.3 - 66.2)	15	(13 - 16)
Foreign Born	20	(18 - 21)	43.1	(33.4 - 52.8)	13	(10 - 16)
Sexual Orientation						
Heterosexual	17	(17 - 18)	59.2	(56.4 - 63.0)	14	(13 - 16)
LGBQ	17	(16 - 18)	63.0	(55.3 - 70.8)	14	(11 - 16)
Other	17	(16 - 18)	57.1	(43.2 - 71.0)	16	(10 - 22)

Area	Age of Initiation		% Used Before Age 18		Number of Days Used	
	Mean	95% C.I.	%	95% C.I.	Mean	95% C.I.
LAC	17	(17 - 18)	59.7	(56.4 - 63.0)	14	(13 - 15)
SPA 1	17	(16 - 18)	61.8	(50.0 - 73.6)	14	(11 - 17)
SPA 2	18	(17 - 19)	60.7	(53.4 - 67.9)	13	(11 - 16)
SPA 3	17	(17 - 17)	60.0	(51.5 - 68.4)	12	(9 - 14)
SPA 4	17	(16 - 17)	61.6	(51.7 - 71.5)	18	(15 - 22)
SPA 5	18	(17 - 19)	47.6	(33.4 - 61.8)	13	(9 - 18)
SPA 6	17	(16 - 17)	69.3	(63.1 - 75.4)	17	(15 - 19)
SPA 7	18	(17 - 18)	54.6	(44.9 - 64.2)	14	(10 - 17)
SPA 8	18	(17 - 19)	54.4	(45.5 - 63.3)	12	(9 - 14)
SD 1	17	(16 - 17)	62.1	(54.6 - 69.7)	14	(12 - 17)
SD 2	17	(17 - 18)	62.5	(56.9 - 68.1)	16	(14 - 18)
SD 3	18	(17 - 19)	57.8	(50.7 - 65.0)	15	(12 - 18)
SD 4	18	(17 - 18)	55.3	(47.2 - 63.5)	13	(10 - 16)
SD 5	18	(17 - 18)	60.9	(52.8 - 69.1)	12	(10 - 14)

Notes: "Age of Initiation" and "% Used Before Age 18" were asked only to those who have used marijuana at least once in their lifetime.

"Number of Days Used" indicated the number of days a person used marijuana in the past 30 days. This question was only asked to those who had used marijuana in the past 30 days.

‡ The mean and C.I. were calculated using the 18+ age category

* The estimate is for planning or policy purposes (RSE is between 30% and 50%).

† The estimate is statistically unstable (sample size < 30);

Interpret with caution.

Appendix D: Easy to Access

How Easy Is It for You to Get Marijuana? (%Very Easy/Somewhat Easy)

Category	% Easy	95% C.I.	Area	% Easy	95% C.I.
LAC	93.1	(91.5 - 94.7)	LAC	93.1	(91.5 - 94.7)
Sex					
Male	93.5	(91.4 - 95.7)	SPA 1	92.9	(88.6 - 97.2)
Female	92.6	(90.3 - 94.9)	SPA 2	95.1	(92.1 - 98.0)
Age			SPA 3	92.5	(88.4 - 96.6)
12-17	81.7	(72.5 - 90.9)	SPA 4	93.6	(89.6 - 97.5)
18-20	90.8	(84.9 - 96.7)	SPA 5	96.2	(92.0 - 100.0)
21-29	94.4	(91.6 - 97.2)	SPA 6	91.7	(87.4 - 96.0)
30-39	95.3	(92.9 - 97.7)	SPA 7	91.5	(87.1 - 96.0)
40+	93.4	(90.6 - 96.1)	SPA 8	94.2	(89.4 - 99.0)
Race/Ethnicity					
Latino	92.4	(90.3 - 94.5)	SD 1	94.4	(91.6 - 97.3)
White	95.3	(91.7 - 98.9)	SD 2	94.0	(91.4 - 96.6)
Black	95.5	(93.1 - 98.0)	SD 3	96.0	(93.4 - 98.7)
Asian	90.7	(85.2 - 96.1)	SD 4	89.0	(84.2 - 93.8)
AI/AN [†]	100.0	(100.0 - 100.0)	SD 5	92.8	(89.4 - 96.1)
Multi	95.3	(90.9 - 99.7)			
Nativity					
US Born	94.1	(92.5 - 95.8)			
Foreign Born	86.8	(81.1 - 92.4)			
Sexual Orientation					
Heterosexual	93.8	(92.2 - 95.4)			
LGBQ	90.7	(85.5 - 96.0)			
Other	88.9	(79.4 - 98.3)			

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix E: Reasons for Use

For What Reason(s) Have You Used Marijuana?

Category	To Relax		For Fun		To Deal with Anxiety/Stress		To Help Sleep		To Get High		To Deal with Depression	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	62.9	(60.0 - 65.9)	57.9	(54.9 - 60.8)	41.3	(38.3 - 44.3)	38.4	(35.4 - 41.4)	32.0	(29.2 - 34.9)	24.8	(22.2 - 27.3)
Sex												
Male	65.1	(60.7 - 69.5)	62.3	(57.8 - 66.7)	38.5	(34.0 - 43.1)	37.1	(32.5 - 41.6)	37.0	(32.5 - 41.5)	22.7	(18.8 - 26.6)
Female	60.6	(56.8 - 64.4)	53.2	(49.3 - 57.0)	44.3	(40.5 - 48.1)	39.8	(36.0 - 43.6)	26.7	(23.3 - 30.1)	27.0	(23.6 - 30.3)
Age												
12-17	54.7	(45.9 - 63.5)	53.4	(44.7 - 62.2)	44.4	(35.9 - 52.9)	28.9	(22.1 - 35.7)	44.0	(35.7 - 52.3)	31.2	(22.9 - 39.5)
18-20	62.5	(51.9 - 73.1)	69.1	(59.5 - 78.7)	45.8	(34.8 - 56.8)	36.4	(26.1 - 46.8)	45.0	(33.5 - 56.6)	30.7	(20.9 - 40.5)
21-29	72.4	(67.6 - 77.2)	58.4	(52.9 - 63.9)	52.5	(46.9 - 58.0)	46.0	(40.4 - 51.7)	32.2	(26.9 - 37.4)	32.0	(26.6 - 37.4)
30-39	64.7	(58.4 - 71.0)	64.1	(58.3 - 69.9)	42.8	(36.7 - 49.0)	44.3	(38.1 - 50.5)	33.1	(27.2 - 38.9)	26.6	(21.3 - 31.8)
40+	54.8	(49.3 - 60.4)	51.2	(45.6 - 56.8)	28.4	(23.6 - 33.3)	29.9	(24.8 - 34.9)	25.6	(20.7 - 30.5)	14.1	(10.6 - 17.6)
Race/Ethnicity												
Latino	66.1	(62.5 - 69.7)	57.1	(53.3 - 60.9)	44.0	(40.1 - 47.9)	39.5	(35.7 - 43.4)	30.6	(27.0 - 34.2)	27.4	(24.0 - 30.8)
White	52.4	(44.8 - 60.0)	62.9	(55.7 - 70.1)	33.2	(26.3 - 40.1)	36.2	(29.0 - 43.3)	35.5	(28.4 - 42.7)	19.3	(14.0 - 24.6)
Black	63.2	(56.4 - 70.0)	50.2	(43.1 - 57.3)	39.6	(32.7 - 46.4)	38.0	(31.1 - 45.0)	38.1	(31.0 - 45.1)	19.7	(14.2 - 25.2)
Asian	48.8	(37.6 - 60.0)	71.2	(61.3 - 81.1)	33.1	(23.0 - 43.2)	30.3	(20.7 - 40.0)	28.7	(19.2 - 38.1)	15.9	(9.3 - 22.5)
AI/AN [†]	52.1	(25.7 - 78.6)	43.6	(17.1 - 70.1)*	45.6	(19.8 - 71.4)	68.5	(42.3 - 94.7)	30.8	(8.0 - 53.7)*	29.8	(7.4 - 52.3)*
Multi	65.2	(51.0 - 79.4)	53.0	(38.1 - 67.9)	37.3	(23.4 - 51.2)	34.9	(20.9 - 49.0)	26.0	(14.4 - 37.7)	25.9	(12.7 - 39.1)
Nativity												
US Born	64.4	(61.3 - 67.5)	58.4	(55.2 - 61.5)	43.6	(40.4 - 46.8)	39.0	(35.8 - 42.1)	33.3	(30.3 - 36.4)	26.4	(23.6 - 29.2)
Foreign Born	53.7	(44.6 - 62.7)	54.4	(45.3 - 63.4)	28.6	(20.3 - 37.0)	35.0	(25.7 - 44.2)	23.7	(15.9 - 31.5)	15.2	(9.5 - 20.9)
Sexual Orientation												
Heterosexual	61.6	(58.3 - 65.0)	57.7	(54.3 - 61.1)	38.3	(35.0 - 41.6)	36.6	(33.3 - 39.9)	31.1	(27.9 - 34.4)	21.8	(19.0 - 24.6)
LGBQ	70.3	(63.6 - 76.9)	59.7	(52.3 - 67.0)	55.1	(47.8 - 62.4)	46.3	(38.9 - 53.7)	35.4	(28.7 - 42.1)	35.5	(28.6 - 42.4)
Other	61.0	(46.7 - 75.3)	55.3	(40.9 - 69.8)	47.8	(33.0 - 62.5)	43.7	(29.0 - 58.3)	35.8	(21.0 - 50.5)	39.0	(24.6 - 53.4)

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

Respondents selected all choices that applied.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix E: Reasons for Use (Cont.)

For What Reason(s) Have You Used Marijuana?

Category	To Treat Chronic Pain		To Fit In		To Replace Prescription Rx		Enhance Other Drugs		To Avoid Withdrawal		Other (e.g., try it, appetite)	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	22.2	(19.7 - 24.8)	14.7	(12.4 - 17.0)	6.8	(5.3 - 8.4)	5.5	(4.2 - 6.9)	4.5	(3.2 - 5.7)	3.2	(2.1 - 4.3)
Sex												
Male	19.5	(15.9 - 23.1)	16.9	(13.2 - 20.6)	6.8	(4.4 - 9.2)	7.0	(4.6 - 9.4)	5.8	(3.7 - 8.0)	3.1	(1.5 - 4.6)
Female	25.2	(21.7 - 28.6)	12.3	(9.7 - 14.9)	6.9	(4.9 - 8.8)	4.0	(2.7 - 5.3)	3.0	(1.9 - 4.1)	3.4	(1.8 - 5.0)
Age												
12-17	5.1	(2.8 - 7.5)	13.6	(9.2 - 18.1)	3.3	(1.0 - 5.6)*	3.6	(0.9 - 6.3)*	7.7	(3.0 - 12.3)*	6.5	(0.0 - 13.4)**
18-20	17.4	(9.7 - 25.1)	12.0	(6.1 - 18.0)	0.9	(0.0 - 2.3)**	2.7	(0.5 - 5.0)*	1.8	(0.0 - 3.5)**	0.7	(0.0 - 1.4)*
21-29	21.0	(16.5 - 25.5)	13.8	(9.6 - 18.0)	7.4	(4.0 - 10.9)	8.4	(5.0 - 11.9)	4.6	(1.7 - 7.5)*	1.7	(0.5 - 2.8)*
30-39	25.6	(20.3 - 30.8)	17.1	(11.5 - 22.7)	9.9	(6.4 - 13.4)	7.1	(4.0 - 10.1)	7.6	(4.5 - 10.7)	3.0	(0.7 - 5.2)*
40+	25.8	(20.8 - 30.7)	14.6	(10.6 - 18.7)	6.4	(3.9 - 8.9)	3.0	(1.5 - 4.5)	2.2	(0.9 - 3.5)*	4.8	(2.3 - 7.2)
Race/Ethnicity												
Latino	22.2	(19.0 - 25.4)	14.6	(11.6 - 17.5)	7.1	(5.1 - 9.1)	5.8	(4.0 - 7.6)	4.3	(2.7 - 5.9)	3.3	(1.9 - 4.8)
White	23.5	(17.4 - 29.5)	16.8	(11.5 - 22.2)	6.8	(3.3 - 10.3)	6.0	(2.7 - 9.4)	6.0	(2.8 - 9.1)	3.2	(0.5 - 5.8)*
Black	23.3	(17.3 - 29.4)	13.6	(8.3 - 18.8)	5.9	(2.1 - 9.7)*	3.0	(0.5 - 5.4)*	2.9	(0.6 - 5.3)*	3.2	(0.4 - 6.0)*
Asian	16.6	(8.8 - 24.4)	12.8	(6.1 - 19.5)	5.5	(1.2 - 9.9)*	6.5	(2.1 - 10.9)*	5.5	(1.4 - 9.7)*	1.2	(0.0 - 2.7)**
AI/AN [†]	54.8	(28.3 - 81.2)	24.9	(0.0 - 51.1)**	39.3	(14.3 - 64.4)*	13.1	(0.0 - 29.0)**	1.3	(0.0 - 3.9)**	10.8	(0.0 - 25.3)**
Multi	22.1	(10.1 - 34.1)	9.6	(2.5 - 16.8)*	5.4	(0.0 - 12.9)**	4.1	(0.0 - 9.1)**	6.3	(0.4 - 12.1)*	6.8	(0.4 - 13.1)*
Nativity												
US Born	21.7	(19.1 - 24.3)	14.5	(12.1 - 17.0)	7.3	(5.6 - 9.1)	6.1	(4.5 - 7.7)	4.5	(3.1 - 5.8)	2.9	(1.8 - 4.0)
Foreign Born	25.1	(16.9 - 33.4)	16.4	(9.8 - 23.1)	3.7	(0.8 - 6.5)*	2.1	(0.7 - 3.6)*	4.3	(1.1 - 7.6)*	5.2	(0.8 - 9.7)*
Sexual Orientation												
Heterosexual	21.5	(18.7 - 24.3)	14.9	(12.2 - 17.5)	6.1	(4.4 - 7.8)	5.2	(3.7 - 6.7)	4.6	(3.1 - 6.0)	3.2	(2.0 - 4.4)
LGBQ	25.3	(18.9 - 31.7)	13.8	(8.9 - 18.7)	8.6	(4.7 - 12.5)	4.5	(2.3 - 6.6)	3.4	(1.5 - 5.2)	2.0	(0.0 - 5.0)**
Other	23.9	(12.3 - 35.5)	15.1	(4.0 - 26.3)*	13.1	(3.5 - 22.7)*	13.6	(1.5 - 25.7)*	5.9	(0.4 - 11.3)*	6.0	(0.0 - 12.2)**

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

Respondents selected all choices that applied.

*Other" responses included "to try it", "appetite", "creativity", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE >50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix F: Setting of Use

When You Use, Do You Typically Use Alone, with Friends, or With Family Members?

Category	With Friends		Alone		With Family		Other	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	51.5	(48.2 - 54.8)	33.4	(30.3 - 36.5)	10.5	(8.5 - 12.5)	4.5	(3.1 - 5.9)
Sex								
Male	52.9	(48.0 - 57.9)	32.8	(28.1 - 37.5)	9.8	(6.8 - 12.8)	4.5	(2.6 - 6.4)
Female	49.9	(45.8 - 54.1)	34.1	(30.1 - 38.1)	11.4	(8.8 - 14.0)	4.6	(2.6 - 6.5)
Age								
12-17	52.3	(43.0 - 61.6)	30.6	(21.6 - 39.6)	12.4	(4.8 - 20.1)*	4.6	(1.5 - 7.8)*
18-20	56.8	(45.5 - 68.1)	29.4	(19.2 - 39.6)	9.7	(3.3 - 16.0)*	4.1	(0.7 - 7.6)*
21-29	52.1	(46.2 - 58.0)	31.7	(26.0 - 37.4)	11.8	(7.6 - 16.0)	4.4	(1.7 - 7.1)*
30-39	54.9	(48.2 - 61.6)	30.6	(24.6 - 36.6)	10.5	(6.7 - 14.4)	4.0	(1.1 - 6.9)*
40+	46.4	(40.2 - 52.7)	39.4	(33.4 - 45.5)	9.0	(6.0 - 12.0)	5.1	(2.6 - 7.7)
Race/Ethnicity								
Latino	50.8	(46.7 - 54.9)	33.1	(29.2 - 37.0)	11.4	(8.8 - 14.1)	4.7	(3.0 - 6.4)
White	52.9	(44.8 - 61.0)	35.6	(27.9 - 43.4)	6.8	(3.3 - 10.2)	4.7	(0.5 - 8.9)*
Black	44.7	(37.1 - 52.4)	39.8	(32.2 - 47.3)	12.0	(7.7 - 16.2)	3.5	(1.2 - 5.8)*
Asian	73.5	(64.1 - 82.9)	20.2	(11.7 - 28.8)	2.8	(0.7 - 4.9)*	3.5	(0.0 - 7.4)**
AI/AN†	56.7	(29.0 - 84.3)	43.3	(15.7 - 71.0)*	0.0	--	0.0	--
Multi	54.4	(38.3 - 70.6)	15.5	(6.0 - 24.9)*	24.7	(8.6 - 40.9)*	5.4	(0.0 - 11.5)**
Nativity								
US Born	51.9	(48.4 - 55.4)	33.6	(30.3 - 36.9)	10.2	(8.1 - 12.3)	4.4	(2.9 - 5.9)
Foreign Born	48.9	(39.0 - 58.9)	32.3	(22.8 - 41.8)	13.7	(7.1 - 20.3)	5.1	(2.1 - 8.0)
Sexual Orientation								
Heterosexual	51.4	(47.7 - 55.2)	33.3	(29.8 - 36.8)	10.9	(8.6 - 13.2)	4.4	(2.8 - 5.9)
LGBQ	51.5	(43.5 - 59.4)	33.9	(26.2 - 41.7)	10.0	(5.3 - 14.7)	4.6	(1.1 - 8.1)*
Other	53.7	(38.3 - 69.1)	32.8	(17.6 - 47.9)	6.7	(0.0 - 13.6)**	6.8	(1.1 - 12.5)*

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

Respondents selected only one of the options.

"Other" included "boyfriend", "all of them", "parties with other people", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE >50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix G: Route of Administration

How Have You Used Marijuana?

Category	Smoke		Edible		Vape		Beverage	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	90.5	(88.9 - 92.2)	62.9	(59.9 - 65.8)	43.0	(40.0 - 46.0)	14.6	(12.6 - 16.7)
Sex								
Male	92.6	(90.5 - 94.7)	58.1	(53.5 - 62.6)	44.7	(40.2 - 49.3)	15.9	(12.8 - 19.1)
Female	88.3	(85.8 - 90.8)	68.1	(64.4 - 71.7)	41.1	(37.3 - 44.9)	13.2	(10.7 - 15.7)
Age								
12-17	77.4	(68.4 - 86.5)	67.2	(59.0 - 75.3)	51.1	(42.6 - 59.6)	11.2	(6.4 - 15.9)
18-20	88.2	(82.2 - 94.2)	63.2	(52.1 - 74.3)	59.2	(48.7 - 69.7)	14.8	(7.4 - 22.1)
21-29	92.3	(89.4 - 95.1)	76.1	(71.5 - 80.7)	55.2	(49.7 - 60.7)	21.8	(17.2 - 26.4)
30-39	92.2	(89.3 - 95.1)	64.8	(58.5 - 71.1)	47.1	(40.9 - 53.3)	17.1	(12.6 - 21.6)
40+	91.0	(88.3 - 93.8)	49.3	(43.8 - 54.7)	24.4	(19.7 - 29.1)	7.4	(4.8 - 10.1)
Race/Ethnicity								
Latino	90.4	(88.4 - 92.5)	62.6	(58.8 - 66.4)	47.4	(43.6 - 51.3)	15.1	(12.5 - 17.7)
White	93.6	(90.4 - 96.8)	70.9	(64.1 - 77.8)	35.8	(28.9 - 42.8)	15.1	(10.0 - 20.2)
Black	90.5	(86.6 - 94.4)	51.3	(44.3 - 58.3)	27.9	(22.0 - 33.8)	11.9	(7.7 - 16.2)
Asian	83.4	(73.8 - 93.0)	69.1	(58.7 - 79.4)	36.7	(26.4 - 47.1)	12.1	(6.2 - 18.1)
AI/AN [†]	79.0	(52.9 - 100.0)	83.3	(65.2 - 100.0)	54.1	(27.5 - 80.7)	22.0	(1.8 - 42.1)*
Multi	86.2	(76.6 - 95.8)	66.7	(52.7 - 80.8)	35.2	(21.7 - 48.7)	16.5	(5.8 - 27.3)*
Nativity								
US Born	90.6	(88.8 - 92.4)	65.6	(62.5 - 68.7)	44.9	(41.7 - 48.1)	15.6	(13.3 - 17.8)
Foreign Born	90.2	(86.1 - 94.3)	46.8	(37.9 - 55.8)	32.3	(24.1 - 40.4)	9.7	(5.1 - 14.2)
Sexual Orientation								
Heterosexual	92.0	(90.4 - 93.6)	61.7	(58.3 - 65.0)	40.7	(37.3 - 44.0)	12.9	(10.7 - 15.1)
LGBQ	86.9	(81.5 - 92.3)	70.7	(63.8 - 77.7)	54.8	(47.3 - 62.2)	21.9	(16.5 - 27.2)
Other	77.7	(65.5 - 89.8)	58.1	(44.4 - 71.9)	47.6	(33.7 - 61.5)	21.8	(8.9 - 34.8)*

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.
Respondents selected all choices that applied.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix G: Route of Administration (Cont.)

How Have You Used Marijuana?

Category	Topical		Tinctures or Sublingual		Capsules		Other	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	11.0	(9.2 - 12.9)	9.2	(7.6 - 10.8)	6.4	(4.9 - 7.9)	1.5	(0.7 - 2.3)
Sex								
Male	9.5	(7.0 - 12.1)	8.1	(5.8 - 10.4)	8.6	(6.1 - 11.2)	1.6	(0.4 - 2.7)*
Female	12.7	(10.1 - 15.3)	10.4	(8.0 - 12.7)	4.0	(2.7 - 5.3)	1.4	(0.4 - 2.5)*
Age								
12-17	3.3	(1.1 - 5.6)*	2.5	(0.9 - 4.2)*	3.4	(1.0 - 5.8)*	2.3	(0.2 - 4.4)*
18-20	5.2	(1.2 - 9.1)*	7.0	(1.9 - 12.2)*	10.0	(0.4 - 19.5)*	0.6	(0.0 - 1.3)**
21-29	13.5	(9.6 - 17.5)	10.6	(7.2 - 14.0)	7.4	(4.7 - 10.1)	3.1	(0.7 - 5.5)*
30-39	13.9	(9.8 - 18.0)	12.8	(8.8 - 16.8)	7.1	(4.2 - 10.0)	1.1	(0.1 - 2.2)*
40+	9.9	(7.0 - 12.9)	7.4	(5.0 - 9.8)	4.8	(2.8 - 6.9)	0.5	(0.0 - 0.9)**
Race/Ethnicity								
Latino	10.4	(8.1 - 12.6)	7.8	(5.9 - 9.7)	6.5	(4.6 - 8.4)	1.8	(0.7 - 2.9)*
White	16.7	(11.3 - 22.2)	18.4	(12.8 - 24.1)	9.5	(5.3 - 13.7)	1.1	(0.1 - 2.1)*
Black	8.3	(4.4 - 12.1)	6.3	(2.6 - 10.0)	2.5	(0.9 - 4.1)*	0.7	(0.0 - 1.6)**
Asian	9.7	(3.3 - 16.0)*	7.4	(2.5 - 12.3)*	4.2	(1.0 - 7.4)*	0.6	(0.0 - 1.7)**
AI/AN†	39.3	(14.3 - 64.4)*	31.1	(7.6 - 54.7)*	11.5	(0.0 - 26.8)**	5.9	(0.0 - 17.2)**
Multi	16.2	(4.7 - 27.6)*	16.7	(5.1 - 28.2)*	12.1	(4.1 - 20.1)*	2.1	(0.0 - 6.2)**
Nativity								
US Born	10.9	(9.0 - 12.8)	9.9	(8.1 - 11.7)	6.7	(5.1 - 8.4)	1.7	(0.7 - 2.6)
Foreign Born	12.4	(6.7 - 18.0)	5.3	(1.6 - 9.0)*	4.9	(1.5 - 8.2)*	0.8	(0.1 - 1.4)*
Sexual Orientation								
Heterosexual	10.4	(8.4 - 12.5)	8.5	(6.7 - 10.3)	6.6	(4.8 - 8.3)	1.2	(0.4 - 2.0)*
LGBQ	14.3	(9.1 - 19.5)	13.1	(8.6 - 17.6)	5.6	(2.8 - 8.3)	2.6	(0.0 - 5.5)**
Other	11.8	(3.6 - 20.1)*	9.6	(2.4 - 16.8)*	5.5	(0.0 - 11.7)**	1.8	(0.0 - 4.6)**

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.
Respondents selected all choices that applied.

"Other" included "wax", "concentrates", "butter", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE >50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix H: Source of Marijuana

Where Did You Get Marijuana the Last Time You Used It?

Category	Dispensary		Friend		Family/Relative		Dealer		Smoke Shop		Home/Self-grown	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	39.4	(36.2 - 42.5)	33.2	(30.2 - 36.2)	8.9	(7.2 - 10.6)	4.4	(3.3 - 5.5)	3.7	(2.6 - 4.9)	3.2	(1.9 - 4.5)
Sex												
Male	40.0	(35.2 - 44.9)	32.3	(27.7 - 36.9)	5.5	(3.6 - 7.5)	6.0	(4.1 - 7.9)	4.2	(2.4 - 6.0)	4.0	(1.9 - 6.2)
Female	38.7	(34.8 - 42.5)	34.1	(30.3 - 37.9)	12.5	(9.7 - 15.3)	2.7	(1.8 - 3.7)	3.2	(1.8 - 4.7)	2.3	(1.0 - 3.6)
Age												
12-17	7.6	(3.3 - 12.0)	43.0	(34.5 - 51.6)	11.5	(4.0 - 18.9)*	13.3	(8.1 - 18.4)	2.9	(0.0 - 6.6)**	1.3	(0.2 - 2.4)*
18-20	26.1	(14.3 - 37.8)	31.2	(21.2 - 41.3)	16.3	(6.7 - 25.8)	9.7	(4.1 - 15.2)	5.4	(1.9 - 9.0)*	2.9	(0.0 - 6.2)**
21-29	51.7	(45.9 - 57.5)	28.4	(23.5 - 33.3)	5.7	(3.2 - 8.1)	1.3	(0.4 - 2.3)*	3.7	(1.4 - 6.1)*	2.7	(0.4 - 5.0)*
30-39	45.7	(39.1 - 52.3)	28.5	(22.0 - 35.0)	10.2	(6.4 - 14.1)	1.2	(0.2 - 2.2)*	5.5	(2.5 - 8.5)	3.2	(0.8 - 5.6)*
40+	33.9	(28.5 - 39.3)	38.9	(33.1 - 44.6)	8.6	(6.0 - 11.3)	6.3	(3.7 - 8.8)	2.3	(0.6 - 4.1)*	4.0	(1.4 - 6.7)*
Race/Ethnicity												
Latino	41.7	(37.7 - 45.7)	31.4	(27.6 - 35.1)	8.3	(6.1 - 10.4)	3.8	(2.6 - 5.0)	3.9	(2.4 - 5.4)	3.4	(1.7 - 5.1)
White	33.2	(26.0 - 40.4)	38.7	(31.2 - 46.3)	12.5	(7.4 - 17.7)	4.4	(1.4 - 7.5)*	1.0	(0.0 - 2.6)**	2.3	(0.3 - 4.4)*
Black	39.2	(32.0 - 46.4)	27.9	(20.8 - 35.0)	9.1	(5.5 - 12.7)	9.6	(4.8 - 14.4)	4.9	(1.0 - 8.8)*	4.1	(0.3 - 7.9)*
Asian	27.6	(17.7 - 37.6)	51.1	(39.7 - 62.6)	5.9	(0.9 - 10.9)*	2.1	(0.0 - 4.6)**	7.6	(1.5 - 13.8)*	0.8	(0.0 - 1.7)**
AI/AN†	22.1	(0.4 - 43.7)*	51.6	(24.1 - 79.1)	0.0	--	6.8	(0.0 - 19.6)**	0.0	--	12.5	(0.0 - 29.1)**
Multi	26.8	(13.8 - 39.7)	43.4	(27.4 - 59.3)	14.0	(1.2 - 26.8)*	7.2	(1.0 - 13.5)*	0.0	--	5.1	(0.0 - 14.6)**
Nativity												
US Born	40.0	(36.7 - 43.4)	32.5	(29.3 - 35.7)	9.2	(7.3 - 11.1)	4.9	(3.6 - 6.1)	3.3	(2.1 - 4.5)	3.2	(1.8 - 4.6)
Foreign Born	35.8	(26.5 - 45.0)	36.7	(27.5 - 45.8)	7.9	(3.4 - 12.3)	1.1	(0.0 - 2.2)*	6.7	(2.6 - 10.9)*	3.0	(0.2 - 5.8)*
Sexual Orientation												
Heterosexual	39.2	(35.7 - 42.8)	34.4	(30.9 - 37.9)	8.7	(6.8 - 10.6)	4.7	(3.4 - 6.0)	4.1	(2.7 - 5.5)	3.0	(1.6 - 4.5)
LGBQ	40.3	(32.6 - 48.1)	28.8	(22.4 - 35.1)	10.9	(5.8 - 16.0)	3.0	(1.4 - 4.6)	1.8	(0.7 - 3.0)*	2.7	(0.6 - 4.7)*
Other	37.9	(22.0 - 53.8)	25.2	(13.9 - 36.6)	4.5	(0.3 - 8.7)*	4.5	(0.0 - 9.5)**	4.8	(0.0 - 11.9)**	8.2	(0.0 - 18.5)**

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

Respondents selected only one of the options.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE >50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix H: Source of Marijuana (Cont.)

Where Did You Get Marijuana the Last Time You Used It?

Category	Delivery Service		Other		Coworkers/ Schoolmates		Stole from Family/Friends		Internet		Social Media	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	2.6	(1.5 - 3.6)	1.8	(1.0 - 2.6)	1.6	(0.8 - 2.4)	0.7	(0.2 - 1.1)*	0.3	(0.0 - 0.6)*	0.3	(0.0 - 0.5)*
Sex												
Male	3.0	(1.2 - 4.7)	1.6	(0.7 - 2.6)	2.5	(1.0 - 3.9)*	0.4	(0.0 - 0.7)*	0.0	--	0.4	(0.0 - 0.9)**
Female	2.1	(0.9 - 3.3)	2.0	(0.7 - 3.3)*	0.7	(0.3 - 1.0)	1.0	(0.0 - 1.9)*	0.7	(0.0 - 1.3)*	0.1	(0.0 - 0.3)**
Age												
12-17	2.0	(0.2 - 3.9)*	1.4	(0.4 - 2.3)*	11.5	(3.5 - 19.5)*	3.9	(0.1 - 7.6)*	0.1	(0.0 - 0.3)**	1.5	(0.3 - 2.7)*
18-20	5.4	(0.6 - 10.2)*	2.6	(0.0 - 5.8)**	0.2	(0.0 - 0.5)**	0.0	--	0.0	--	0.3	(0.0 - 0.8)**
21-29	2.1	(0.1 - 4.1)*	2.1	(0.2 - 4.1)*	1.2	(0.0 - 2.7)**	0.3	(0.0 - 0.7)**	0.4	(0.0 - 0.9)**	0.4	(0.0 - 1.0)**
30-39	3.3	(0.6 - 6.1)*	1.2	(0.2 - 2.3)*	0.9	(0.0 - 1.9)**	0.0	--	0.1	(0.0 - 0.4)**	0.0	--
40+	1.9	(0.3 - 3.4)*	1.8	(0.6 - 3.0)*	0.7	(0.0 - 1.4)*	0.9	(0.0 - 2.1)**	0.5	(0.0 - 1.3)**	0.1	(0.0 - 0.4)**
Race/Ethnicity												
Latino	2.7	(1.4 - 4.1)	1.8	(0.7 - 2.8)*	1.8	(0.7 - 2.9)*	0.7	(0.0 - 1.4)*	0.2	(0.0 - 0.5)**	0.4	(0.1 - 0.8)*
White	3.7	(0.3 - 7.1)*	1.5	(0.0 - 3.0)**	1.1	(0.0 - 2.3)**	0.7	(0.0 - 1.6)**	0.8	(0.0 - 2.3)**	0.0	--
Black	0.9	(0.1 - 1.7)*	2.6	(0.5 - 4.7)*	0.6	(0.0 - 1.4)**	0.5	(0.0 - 1.6)**	0.5	(0.0 - 1.2)**	0.0	--
Asian	0.4	(0.0 - 1.1)**	2.0	(0.0 - 5.0)**	2.4	(0.0 - 4.9)**	0.0	--	0.0	--	0.0	--
AI/AN†	7.1	(0.0 - 20.6)**	0.0	--	0.0	--	0.0	--	0.0	--	0.0	--
Multi	0.0	--	2.0	(0.0 - 4.8)**	1.2	(0.0 - 3.5)**	0.4	(0.0 - 1.1)**	0.0	--	0.0	--
Nativity												
US Born	2.5	(1.4 - 3.6)	1.7	(0.8 - 2.5)	1.7	(0.8 - 2.6)	0.5	(0.1 - 0.8)*	0.3	(0.0 - 0.7)**	0.3	(0.0 - 0.5)*
Foreign Born	3.1	(0.0 - 6.6)**	2.8	(0.3 - 5.2)*	0.7	(0.0 - 1.6)**	1.6	(0.0 - 4.2)**	0.3	(0.0 - 0.8)**	0.5	(0.0 - 1.2)**
Sexual Orientation												
Heterosexual	1.8	(0.9 - 2.7)	1.6	(0.8 - 2.4)	1.5	(0.7 - 2.2)	0.3	(0.0 - 0.5)**	0.4	(0.0 - 0.8)**	0.3	(0.0 - 0.6)*
LGBQ	4.9	(1.1 - 8.7)*	2.4	(0.0 - 5.4)**	2.2	(0.0 - 5.4)**	2.8	(0.1 - 5.5)*	0.1	(0.0 - 0.2)**	0.1	(0.0 - 0.4)**
Other	8.4	(0.0 - 19.8)**	4.1	(0.0 - 8.7)**	1.9	(0.0 - 4.4)**	0.1	(0.0 - 0.4)**	0.3	(0.0 - 0.7)**	0.0	--

Notes: Only those who have used marijuana at least once in their lifetimes were asked this question.

Respondents selected only one of the options.

"Other" included "the streets", "stranger", "doctor", "DTLA", "found on ground", etc.

Adult surveys included the option of "coworkers", while youth surveys included the option "schoolmates".

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE >50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix I: Harms of Use

In What Ways Did Your Marijuana Use Cause Harm?

Category	None		DUI		Personal Motivation		Poor Performance		Trouble with Family Members		Illegal Activities	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	51.5	(48.4 - 54.6)	19.1	(16.6 - 21.7)	17.0	(14.7 - 19.3)	12.9	(10.8 - 15.0)	12.9	(10.9 - 14.9)	12.3	(10.3 - 14.2)
Sex												
Male	45.4	(40.6 - 50.2)	25.3	(21.1 - 29.5)	19.5	(15.9 - 23.2)	16.7	(13.1 - 20.2)	14.4	(11.2 - 17.6)	16.9	(13.6 - 20.2)
Female	58.2	(54.3 - 62.0)	12.4	(10.0 - 14.8)	14.2	(11.4 - 17.1)	8.7	(6.8 - 10.7)	11.2	(8.9 - 13.5)	7.2	(5.4 - 9.0)
Age												
12-17	46.9	(38.1 - 55.8)	5.5	(2.4 - 8.7)	11.1	(6.9 - 15.3)	14.3	(9.0 - 19.6)	24.1	(17.5 - 30.8)	10.1	(6.1 - 14.1)
18-20	42.1	(31.2 - 53.0)	17.1	(9.0 - 25.3)	16.9	(8.6 - 25.1)	14.8	(7.2 - 22.4)	23.4	(13.7 - 33.1)	13.3	(5.7 - 20.9)
21-29	56.2	(50.6 - 61.8)	17.7	(13.3 - 22.1)	15.5	(11.4 - 19.7)	12.0	(8.1 - 15.9)	11.1	(7.5 - 14.6)	7.2	(4.8 - 9.6)
30-39	48.4	(41.9 - 54.9)	19.7	(14.7 - 24.7)	20.6	(15.5 - 25.7)	13.4	(9.1 - 17.7)	11.1	(7.4 - 14.9)	15.4	(10.7 - 20.1)
40+	52.5	(46.7 - 58.4)	23.6	(18.5 - 28.8)	17.3	(12.8 - 21.7)	12.6	(8.7 - 16.4)	10.5	(7.2 - 13.9)	15.2	(11.2 - 19.2)
Race/Ethnicity												
Latino	51.0	(47.0 - 55.0)	19.4	(16.3 - 22.6)	15.5	(12.7 - 18.4)	13.3	(10.6 - 16.0)	14.5	(11.9 - 17.1)	12.3	(9.9 - 14.8)
White	49.1	(41.5 - 56.7)	19.5	(13.1 - 25.9)	22.4	(15.8 - 29.0)	11.1	(6.6 - 15.6)	7.7	(4.0 - 11.3)	12.8	(7.8 - 17.7)
Black	53.5	(46.1 - 61.0)	22.4	(15.6 - 29.2)	18.3	(11.9 - 24.7)	12.0	(6.7 - 17.3)	9.0	(4.9 - 13.0)	11.1	(6.0 - 16.1)
Asian	60.5	(50.0 - 70.9)	7.2	(3.0 - 11.4)	19.3	(11.8 - 26.9)	14.1	(6.8 - 21.4)	14.7	(7.2 - 22.2)	11.6	(4.3 - 18.8)*
AI/AN†	56.7	(32.1 - 81.3)	13.7	(0.0 - 29.0)**	21.8	(2.1 - 41.5)*	14.0	(0.0 - 29.5)**	3.7	(0.0 - 11.0)**	25.2	(5.3 - 45.2)*
Multi	57.1	(42.7 - 71.4)	8.9	(1.8 - 16.1)*	12.3	(3.1 - 21.4)*	11.2	(2.9 - 19.6)*	4.9	(0.0 - 10.6)**	19.2	(8.1 - 30.4)
Nativity												
US Born	51.8	(48.5 - 55.2)	19.3	(16.6 - 22.0)	16.6	(14.2 - 19.1)	12.5	(10.3 - 14.7)	12.0	(10.0 - 14.1)	11.4	(9.4 - 13.4)
Foreign Born	50.3	(40.8 - 59.8)	17.7	(10.3 - 25.2)	18.9	(11.7 - 26.2)	14.8	(7.8 - 21.8)	17.1	(10.2 - 24.0)	17.0	(10.5 - 23.4)
Sexual Orientation												
Heterosexual	50.7	(47.2 - 54.3)	19.8	(16.8 - 22.7)	18.3	(15.5 - 21.0)	13.5	(11.1 - 16.0)	12.8	(10.5 - 15.1)	12.7	(10.5 - 15.0)
LGBQ	55.8	(48.5 - 63.1)	15.7	(10.8 - 20.6)	11.0	(7.4 - 14.6)	9.3	(5.9 - 12.7)	13.3	(9.0 - 17.6)	9.4	(6.2 - 12.7)
Other	52.2	(37.4 - 67.0)	17.1	(5.9 - 28.3)*	13.5	(4.4 - 22.6)*	13.5	(2.3 - 24.8)*	9.0	(2.9 - 15.1)*	12.3	(1.5 - 23.1)*

Notes: Only those who have used marijuana at least once in their lifetime were asked this question.

Respondents selected only one of the options.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE > 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix I: Harms of Use (Cont.)

In What Ways Did Your Marijuana Use Cause Harm?

Category	Mental Health Problems		Physical Health Problems		Trouble at Work/School		Other		Overdose	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	11.5	(9.6 - 13.4)	11.3	(9.3 - 13.3)	7.2	(5.6 - 8.8)	2.4	(1.3 - 3.5)	1.7	(1.0 - 2.4)
Sex										
Male	12.8	(9.7 - 15.9)	11.1	(8.0 - 14.2)	9.6	(6.8 - 12.4)	1.4	(0.3 - 2.5)*	1.3	(0.4 - 2.2)*
Female	10.1	(7.9 - 12.2)	11.5	(9.0 - 14.0)	4.5	(3.3 - 5.8)	3.4	(1.5 - 5.3)	2.2	(1.1 - 3.2)
Age										
12-17	9.1	(5.1 - 13.2)	8.2	(4.6 - 11.8)	19.2	(13.2 - 25.2)	2.3	(0.0 - 4.8)**	4.2	(1.2 - 7.2)*
18-20	18.1	(9.5 - 26.7)	21.2	(9.5 - 32.9)	8.5	(1.1 - 15.8)*	3.5	(0.0 - 9.3)**	3.3	(0.2 - 6.3)*
21-29	11.4	(8.2 - 14.5)	10.5	(7.3 - 13.7)	5.7	(2.7 - 8.6)	0.7	(0.0 - 1.5)**	0.8	(0.0 - 1.6)**
30-39	15.6	(10.7 - 20.6)	9.0	(5.5 - 12.4)	6.3	(3.3 - 9.3)	2.7	(0.7 - 4.7)*	2.4	(0.5 - 4.3)*
40+	7.5	(4.7 - 10.2)	11.8	(8.2 - 15.4)	6.3	(3.7 - 9.0)	3.6	(1.1 - 6.0)*	1.2	(0.2 - 2.3)*
Race/Ethnicity										
Latino	11.1	(8.8 - 13.4)	10.7	(8.3 - 13.2)	7.8	(5.7 - 9.8)	2.4	(1.0 - 3.9)	2.0	(1.1 - 2.9)
White	14.7	(9.5 - 20.0)	13.1	(8.1 - 18.2)	6.4	(2.7 - 10.2)	2.5	(0.0 - 5.2)**	1.1	(0.0 - 2.2)*
Black	10.9	(5.0 - 16.8)	12.2	(6.2 - 18.3)	6.9	(3.2 - 10.6)	2.3	(0.6 - 3.9)*	0.5	(0.0 - 1.1)**
Asian	8.6	(3.6 - 13.5)	12.8	(5.3 - 20.2)	2.3	(0.4 - 4.1)*	0.9	(0.0 - 2.6)**	2.5	(0.2 - 4.7)*
AI/AN†	10.0	(0.0 - 23.7)**	10.0	(0.0 - 23.7)**	4.4	(0.0 - 12.8)**	0.0	--	8.1	(0.0 - 19.2)**
Multi	15.8	(5.1 - 26.5)*	4.0	(0.0 - 9.4)**	3.8	(0.0 - 7.7)**	6.2	(0.0 - 12.5)**	0.0	--
Nativity										
US Born	11.1	(9.1 - 13.0)	11.3	(9.1 - 13.5)	7.2	(5.5 - 9.0)	2.6	(1.4 - 3.9)	1.4	(0.7 - 2.0)
Foreign Born	13.5	(7.6 - 19.4)	11.6	(6.0 - 17.3)	6.8	(2.3 - 11.2)*	0.9	(0.0 - 1.9)**	3.7	(0.7 - 6.7)*
Sexual Orientation										
Heterosexual	11.3	(9.1 - 13.5)	11.6	(9.2 - 14.0)	7.3	(5.4 - 9.2)	2.4	(1.2 - 3.7)	1.5	(0.8 - 2.2)
LGBQ	12.7	(8.6 - 16.8)	11.1	(7.0 - 15.2)	6.3	(3.7 - 8.9)	2.0	(0.0 - 4.0)**	1.8	(0.5 - 3.2)*
Other	11.8	(3.9 - 19.7)*	7.3	(0.7 - 13.9)*	7.9	(1.5 - 14.3)*	1.1	(0.0 - 2.6)**	3.7	(0.0 - 8.8)**

Notes: Only those who have used marijuana at least once in their lifetime were asked this question. Respondents selected only one of the options.

Youth surveys included the option of "school" while the adult surveys included the option of "work".

"Other" included "all of the above", "gateway drug", "overeat", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE > 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix J: Gone to Work/School and DUI

Category	Ever Gone to Work/School Under Influence (%Yes)		Ever Driven a Car Under Influence (%Yes)	
	%	95% C.I.	%	95% C.I.
LAC	28.3	(25.5 - 31.0)	35.6	(32.6 - 38.6)
Sex				
Male	35.5	(31.1 - 39.9)	44.8	(40.1 - 49.4)
Female	20.4	(17.6 - 23.3)	25.6	(22.3 - 28.8)
Age				
12-17	48.4	(40.0 - 56.8)	13.5	(8.4 - 18.7)
18-20	24.9	(15.4 - 34.4)	22.0	(13.7 - 30.4)
21-29	28.2	(22.9 - 33.5)	39.1	(33.4 - 44.8)
30-39	32.4	(26.6 - 38.2)	38.3	(32.2 - 44.5)
40+	22.3	(17.8 - 26.9)	38.3	(32.9 - 43.7)
Race/Ethnicity				
Latino	28.8	(25.3 - 32.3)	34.7	(30.9 - 38.4)
White	29.4	(22.8 - 36.1)	38.3	(30.9 - 45.8)
Black	28.1	(22.1 - 34.1)	45.6	(38.4 - 52.8)
Asian	17.5	(10.4 - 24.6)	17.7	(11.0 - 24.4)
AI/AN [†]	47.1	(21.1 - 73.2)	42.0	(15.7 - 68.3)*
Multi	18.6	(8.8 - 28.4)	34.6	(20.4 - 48.8)
Nativity				
US Born	28.7	(25.9 - 31.6)	36.7	(33.6 - 39.9)
Foreign Born	26.1	(17.7 - 34.5)	29.5	(20.8 - 38.2)
Sexual Orientation				
Heterosexual	28.3	(25.2 - 31.4)	36.9	(33.6 - 40.3)
LGBQ	31.2	(24.2 - 38.1)	32.1	(24.8 - 39.3)
Other	16.5	(7.9 - 25.0)	22.1	(11.3 - 32.8)

Area	Ever Gone to Work/School Under Influence (%Yes)		Ever Driven a Car Under Influence (%Yes)	
	%	95% C.I.	%	95% C.I.
LAC	28.3	(25.5 - 31.0)	35.6	(32.6 - 38.6)
SPA 1	34.6	(25.5 - 43.8)	37.4	(27.4 - 47.4)
SPA 2	27.9	(21.7 - 34.1)	31.2	(24.5 - 37.8)
SPA 3	22.0	(16.5 - 27.5)	28.4	(22.1 - 34.8)
SPA 4	23.0	(15.2 - 30.7)	40.4	(30.5 - 50.4)
SPA 5	31.0	(18.3 - 43.6)	47.5	(33.8 - 61.2)
SPA 6	33.7	(27.0 - 40.3)	40.8	(33.8 - 47.8)
SPA 7	28.1	(20.6 - 35.5)	34.3	(26.4 - 42.3)
SPA 8	29.4	(21.3 - 37.6)	37.3	(28.7 - 45.9)
SD 1	24.6	(18.7 - 30.5)	32.9	(26.3 - 39.5)
SD 2	32.4	(26.8 - 38.0)	42.2	(36.3 - 48.0)
SD 3	27.9	(21.5 - 34.2)	34.6	(27.7 - 41.5)
SD 4	26.9	(20.8 - 33.0)	32.9	(26.2 - 39.6)
SD 5	30.0	(24.1 - 36.0)	34.9	(28.4 - 41.4)

Notes: Only those who have used marijuana at least once in their lifetimes were asked these questions.

Adults were asked if they had gone to work, and youth were asked if they had gone to school under the influence of marijuana.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix K: Use Among Close Friends

Do Any of Your Close Friends Use Marijuana? (%Yes)

Category	Overall		PWUM		Non-PWUM		Area	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.		%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	45.3	(43.5 - 47.0)	80.3	(78.0 - 82.7)	25.1	(23.2 - 26.9)	LAC	45.3	(43.5 - 47.0)	80.3	(78.0 - 82.7)	25.1	(23.2 - 26.9)
Sex													
Male	51.7	(48.8 - 54.6)	81.4	(77.9 - 84.9)	27.7	(24.3 - 31.1)	SPA 1	45.4	(39.7 - 51.2)	81.4	(73.5 - 89.3)	22.9	(16.9 - 29.0)
Female	40.5	(38.4 - 42.6)	79.1	(76.0 - 82.2)	23.5	(21.3 - 25.6)	SPA 2	45.5	(41.6 - 49.5)	83.6	(78.9 - 88.2)	23.7	(19.5 - 27.9)
Age							SPA 3	45.7	(41.1 - 50.2)	79.0	(72.7 - 85.2)	25.9	(20.9 - 30.9)
12-17	30.8	(27.7 - 33.9)	84.5	(80.1 - 88.9)	18.8	(16.0 - 21.5)	SPA 4	41.9	(36.5 - 47.4)	79.4	(72.0 - 86.9)	24.2	(18.5 - 29.8)
18-20	50.6	(43.9 - 57.4)	78.6	(68.2 - 89.1)	27.5	(20.2 - 34.7)	SPA 5	60.2	(50.3 - 70.1)	85.4	(75.1 - 95.7)	21.6	(10.1 - 33.0)
21-29	66.4	(62.5 - 70.2)	87.5	(84.4 - 90.7)	37.9	(32.1 - 43.7)	SPA 6	43.3	(39.4 - 47.2)	79.5	(74.5 - 84.5)	24.5	(20.5 - 28.6)
30-39	51.0	(47.0 - 55.0)	82.4	(77.8 - 87.0)	27.2	(22.6 - 31.8)	SPA 7	46.8	(42.0 - 51.7)	76.3	(69.3 - 83.3)	27.2	(22.0 - 32.4)
40+	37.5	(34.7 - 40.3)	72.7	(68.0 - 77.4)	23.0	(20.1 - 25.8)	SPA 8	44.7	(40.1 - 49.2)	84.0	(78.5 - 89.5)	25.9	(21.0 - 30.7)
Race/Ethnicity													
Latino	43.1	(41.0 - 45.2)	79.7	(76.7 - 82.8)	24.7	(22.5 - 26.8)	SD 1	45.4	(41.3 - 49.4)	78.0	(72.2 - 83.9)	25.6	(21.3 - 29.9)
White	57.4	(52.0 - 62.8)	84.6	(79.3 - 90.0)	25.8	(19.1 - 32.4)	SD 2	42.9	(39.8 - 46.0)	81.1	(77.2 - 85.1)	23.2	(20.1 - 26.4)
Black	62.0	(57.5 - 66.4)	79.9	(74.7 - 85.0)	40.9	(34.6 - 47.1)	SD 3	47.0	(42.8 - 51.1)	84.2	(79.4 - 89.1)	24.6	(20.1 - 29.1)
Asian	32.5	(27.4 - 37.6)	76.9	(67.4 - 86.4)	16.7	(12.2 - 21.3)	SD 4	44.8	(40.9 - 48.8)	77.6	(71.8 - 83.4)	27.0	(22.7 - 31.2)
AI/AN	73.9	(56.8 - 90.9)	89.9	(76.3 - 100.0)†	37.6	(7.5 - 67.7)†*	SD 5	48.7	(44.6 - 52.7)	82.5	(77.4 - 87.5)	24.9	(20.6 - 29.3)
Multi	56.7	(47.7 - 65.7)	83.7	(73.7 - 93.7)	28.7	(17.9 - 39.5)							
Nativity													
US Born	54.3	(52.3 - 56.4)	81.9	(79.5 - 84.4)	30.2	(27.8 - 32.6)							
Foreign Born	28.6	(25.5 - 31.7)	72.4	(64.9 - 79.8)	19.2	(16.2 - 22.1)							
Sexual Orientation													
Heterosexual	45.4	(43.4 - 47.3)	79.9	(77.2 - 82.6)	25.2	(23.1 - 27.3)							
LGBQ	57.2	(52.5 - 61.9)	82.4	(77.1 - 87.8)	32.9	(26.6 - 39.3)							
Other	30.4	(24.6 - 36.3)	81.8	(73.3 - 90.3)	17.5	(11.9 - 23.1)							

Notes: PWUM included those who ever used marijuana

Non-PWUM included those who never used marijuana.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix L: Use Among Family Members

Do Any of Your Family Members Use Marijuana? (%Yes)

Category	Overall		PWUM		Non-PWUM		Area	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.		%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	37.2	(35.5 - 38.9)	66.6	(63.8 - 69.4)	20.2	(18.5 - 22.0)	LAC	37.2	(35.5 - 38.9)	66.6	(63.8 - 69.4)	20.2	(18.5 - 22.0)
Sex													
Male	38.5	(35.6 - 41.3)	62.4	(58.0 - 66.8)	19.2	(16.1 - 22.2)	SPA 1	40.7	(35.1 - 46.2)	75.3	(65.8 - 84.8)	19.1	(13.7 - 24.5)
Female	36.2	(34.1 - 38.3)	71.2	(67.8 - 74.6)	20.8	(18.8 - 22.9)	SPA 2	36.4	(32.5 - 40.3)	67.5	(61.5 - 73.5)	18.4	(14.5 - 22.3)
Age							SPA 3	37.7	(33.2 - 42.1)	62.4	(55.2 - 69.6)	23.1	(18.0 - 28.2)
12-17	26.3	(23.3 - 29.2)	66.8	(59.7 - 73.8)	17.1	(14.7 - 19.6)	SPA 4	31.2	(26.1 - 36.4)	63.7	(54.7 - 72.7)	15.7	(10.7 - 20.6)
18-20	44.2	(37.4 - 50.9)	67.0	(56.6 - 77.4)	25.3	(17.3 - 33.2)	SPA 5	49.7	(39.5 - 59.8)	65.1	(52.6 - 77.6)	26.0	(12.8 - 39.2)
21-29	49.6	(45.5 - 53.7)	68.2	(63.0 - 73.5)	24.5	(19.2 - 29.8)	SPA 6	39.5	(35.7 - 43.3)	71.4	(65.3 - 77.4)	23.0	(19.0 - 27.1)
30-39	42.2	(38.3 - 46.2)	70.2	(64.3 - 76.0)	21.1	(16.9 - 25.3)	SPA 7	37.1	(32.4 - 41.7)	63.3	(55.3 - 71.2)	19.6	(15.2 - 24.1)
40+	32.0	(29.3 - 34.7)	62.9	(57.8 - 68.0)	19.3	(16.7 - 22.0)	SPA 8	35.0	(30.7 - 39.3)	67.8	(59.8 - 75.7)	19.6	(15.2 - 24.0)
Race/Ethnicity													
Latino	35.7	(33.7 - 37.8)	67.0	(63.4 - 70.6)	20.0	(17.9 - 22.0)	SD 1	36.3	(32.4 - 40.2)	61.7	(54.9 - 68.4)	20.9	(16.7 - 25.1)
White	44.4	(39.0 - 49.8)	63.7	(56.5 - 70.9)	21.9	(15.4 - 28.3)	SD 2	36.3	(33.3 - 39.3)	66.7	(61.3 - 72.0)	20.7	(17.6 - 23.8)
Black	60.4	(55.9 - 64.9)	77.5	(71.7 - 83.2)	41.1	(34.9 - 47.3)	SD 3	38.4	(34.3 - 42.5)	68.1	(62.1 - 74.2)	20.5	(16.3 - 24.8)
Asian	16.4	(12.6 - 20.1)	44.9	(34.3 - 55.5)	6.3	(3.6 - 8.9)	SD 4	36.4	(32.5 - 40.2)	67.9	(61.6 - 74.3)	19.3	(15.6 - 23.1)
AI/AN	61.5	(42.7 - 80.4)	70.9	(50.1 - 91.8)†	40.3	(9.4 - 71.2)†*	SD 5	40.4	(36.5 - 44.4)	70.4	(64.1 - 76.7)	19.4	(15.5 - 23.3)
Multi	45.1	(35.9 - 54.3)	65.1	(51.9 - 78.3)	24.7	(14.9 - 34.6)							
Nativity													
US Born	45.8	(43.8 - 47.9)	69.8	(66.9 - 72.8)	24.8	(22.5 - 27.1)							
Foreign Born	21.1	(18.3 - 23.9)	49.4	(41.0 - 57.7)	14.9	(12.2 - 17.7)							
Sexual Orientation													
Heterosexual	37.5	(35.6 - 39.4)	65.9	(62.7 - 69.1)	21.0	(19.0 - 23.0)							
LGBQ	46.7	(41.9 - 51.6)	69.5	(62.6 - 76.5)	24.9	(19.3 - 30.5)							
Other	22.5	(17.5 - 27.4)	71.3	(59.7 - 82.9)	10.1	(6.7 - 13.6)							

Notes: PWUM included those who ever used marijuana

Non-PWUM included those who never used marijuana.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix M: Perceived Easy Access

How Easy Would It Be for Someone to Get Marijuana on the Street Around Your Neighborhood? (% Very/Somewhat Easy)

Category	Overall		PWUM		Non-PWUM		Area	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.		%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	74.3	(72.8 - 75.8)	86.6	(84.7 - 88.6)	67.1	(65.0 - 69.1)	LAC	74.3	(72.8 - 75.8)	86.6	(84.7 - 88.6)	67.1	(65.0 - 69.1)
Sex													
Male	72.8	(70.4 - 75.3)	86.0	(83.0 - 88.9)	62.2	(58.6 - 65.7)	SPA 1	72.8	(67.5 - 78.0)	83.5	(74.5 - 92.6)	66.0	(59.4 - 72.6)
Female	75.4	(73.5 - 77.2)	87.4	(84.9 - 89.8)	70.0	(67.6 - 72.4)	SPA 2	72.4	(68.8 - 76.0)	84.9	(80.0 - 89.8)	65.2	(60.4 - 70.0)
Age							SPA 3	74.0	(70.2 - 77.7)	87.2	(82.8 - 91.6)	66.0	(60.7 - 71.3)
12-17	56.1	(52.9 - 59.2)	84.6	(79.0 - 90.1)	49.6	(46.1 - 53.0)	SPA 4	78.1	(73.8 - 82.4)	87.7	(82.1 - 93.3)	73.3	(67.6 - 79.1)
18-20	73.9	(68.3 - 79.5)	89.4	(84.2 - 94.6)	60.9	(52.7 - 69.2)	SPA 5	74.9	(65.9 - 83.9)	88.3	(80.1 - 96.5)	54.3	(39.1 - 69.6)
21-29	83.6	(80.7 - 86.5)	88.6	(85.3 - 91.8)	76.8	(71.7 - 82.0)	SPA 6	77.9	(74.8 - 81.1)	90.9	(87.6 - 94.3)	71.2	(66.9 - 75.5)
30-39	78.5	(75.3 - 81.6)	85.4	(81.3 - 89.5)	73.2	(68.7 - 77.7)	SPA 7	76.1	(72.2 - 79.9)	84.5	(79.0 - 89.9)	70.3	(65.1 - 75.5)
40+	74.0	(71.5 - 76.5)	85.6	(81.8 - 89.4)	69.1	(65.9 - 72.3)	SPA 8	66.7	(62.3 - 71.0)	86.1	(81.1 - 91.1)	57.0	(51.4 - 62.7)
Race/Ethnicity													
Latino	75.8	(74.1 - 77.5)	87.4	(85.1 - 89.7)	69.8	(67.6 - 72.1)	SD 1	76.9	(73.8 - 80.1)	90.2	(86.9 - 93.4)	68.8	(64.4 - 73.3)
White	73.1	(68.1 - 78.1)	81.7	(75.5 - 88.0)	63.1	(55.2 - 70.9)	SD 2	75.7	(73.1 - 78.4)	89.6	(86.6 - 92.7)	68.5	(64.9 - 72.1)
Black	79.9	(76.2 - 83.5)	89.7	(85.6 - 93.8)	68.1	(62.2 - 74.0)	SD 3	75.6	(72.0 - 79.2)	88.7	(84.6 - 92.7)	67.7	(62.6 - 72.7)
Asian	53.0	(47.3 - 58.7)	82.8	(75.0 - 90.6)	42.4	(35.9 - 48.9)	SD 4	72.4	(68.9 - 75.8)	82.6	(77.6 - 87.6)	66.6	(62.1 - 71.1)
AI/AN	85.2	(70.6 - 99.7)	95.5	(86.9 - 100.0)†	61.7	(27.7 - 95.8)†	SD 5	68.4	(64.6 - 72.3)	80.0	(73.7 - 86.3)	60.4	(55.4 - 65.3)
Multi	68.1	(59.7 - 76.5)	83.9	(73.1 - 94.6)	52.0	(40.2 - 63.8)							
Nativity													
US Born	75.8	(74.2 - 77.5)	86.3	(84.2 - 88.5)	66.5	(64.1 - 68.9)							
Foreign Born	71.9	(68.9 - 74.9)	88.3	(83.6 - 92.9)	68.3	(64.8 - 71.7)							
Sexual Orientation													
Heterosexual	74.8	(73.1 - 76.4)	85.9	(83.7 - 88.2)	68.2	(65.9 - 70.4)							
LGBQ	75.6	(71.7 - 79.5)	90.5	(87.3 - 93.7)	60.8	(54.5 - 67.1)							
Other	69.9	(64.6 - 75.2)	86.6	(78.3 - 94.9)	65.5	(59.3 - 71.8)							

Notes: PWUM included those who ever used marijuana

Non-PWUM included those who never used marijuana.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix N: Perceived Risk of Youth Harm

How Much Do You Think *Youth* Risk Harming Themselves If They Use Marijuana Regularly? (% Great Risk)

Category	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	54.8	(53.0 - 56.5)	40.1	(37.2 - 43.0)	63.0	(60.9 - 65.1)
Sex						
Male	48.3	(45.4 - 51.2)	34.9	(30.7 - 39.2)	58.9	(55.2 - 62.6)
Female	59.6	(57.4 - 61.7)	45.8	(42.0 - 49.7)	65.4	(62.9 - 68.0)
Age						
12-17	45.5	(42.3 - 48.8)	27.8	(20.9 - 34.8)	49.5	(46.1 - 53.0)
18-20	41.0	(34.5 - 47.5)	34.7	(24.4 - 45.0)	46.5	(38.3 - 54.8)
21-29	47.9	(43.8 - 52.0)	40.7	(35.3 - 46.1)	57.6	(51.4 - 63.7)
30-39	56.1	(52.1 - 60.1)	40.4	(34.4 - 46.5)	67.9	(63.1 - 72.8)
40+	61.7	(58.9 - 64.6)	43.1	(37.8 - 48.3)	69.1	(65.8 - 72.5)
Race/Ethnicity						
Latino	55.8	(53.7 - 57.9)	40.7	(37.0 - 44.4)	63.3	(60.9 - 65.8)
White	44.1	(38.7 - 49.5)	33.6	(26.7 - 40.4)	56.4	(48.5 - 64.4)
Black	50.4	(45.7 - 55.0)	44.9	(38.2 - 51.6)	56.0	(49.7 - 62.2)
Asian	63.6	(58.3 - 68.9)	40.5	(29.7 - 51.3)	71.9	(66.3 - 77.4)
AI/AN	34.6	(16.7 - 52.4)	35.6	(13.3 - 57.9)†*	32.2	(3.3 - 61.1)†*
Multi	35.1	(26.4 - 43.9)	31.8	(18.4 - 45.2)	38.6	(27.3 - 49.9)
Nativity						
US Born	48.2	(46.2 - 50.3)	39.1	(36.0 - 42.2)	56.2	(53.5 - 58.9)
Foreign Born	67.5	(64.3 - 70.7)	45.9	(37.6 - 54.3)	71.9	(68.5 - 75.3)
Sexual Orientation						
Heterosexual	55.3	(53.3 - 57.3)	40.7	(37.4 - 44.0)	63.8	(61.4 - 66.2)
LGBQ	45.0	(40.1 - 49.8)	37.3	(30.3 - 44.3)	51.4	(45.0 - 57.8)
Other	58.4	(52.3 - 64.5)	38.2	(25.5 - 51.0)	63.6	(56.8 - 70.3)

Area	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	54.8	(53.0 - 56.5)	40.1	(37.2 - 43.0)	63.0	(60.9 - 65.1)
SPA 1	49.7	(43.8 - 55.5)	36.2	(27.1 - 45.3)	58.2	(51.1 - 65.3)
SPA 2	54.4	(50.4 - 58.4)	38.8	(32.2 - 45.3)	63.7	(58.9 - 68.5)
SPA 3	54.6	(50.1 - 59.2)	39.3	(32.2 - 46.4)	63.8	(58.2 - 69.5)
SPA 4	54.1	(48.5 - 59.6)	38.5	(29.4 - 47.6)	60.8	(54.1 - 67.5)
SPA 5	33.4	(24.5 - 42.4)	23.5	(12.6 - 34.4)	48.7	(33.9 - 63.5)
SPA 6	55.6	(51.7 - 59.6)	40.6	(34.1 - 47.2)	63.1	(58.4 - 67.8)
SPA 7	54.3	(49.4 - 59.2)	42.5	(34.4 - 50.5)	62.1	(56.3 - 67.8)
SPA 8	61.8	(57.4 - 66.3)	48.2	(40.1 - 56.4)	67.9	(62.7 - 73.0)
SD 1	52.7	(48.6 - 56.7)	39.5	(32.9 - 46.2)	60.6	(55.6 - 65.7)
SD 2	57.3	(54.2 - 60.4)	43.7	(38.2 - 49.2)	63.8	(60.2 - 67.5)
SD 3	53.3	(49.1 - 57.5)	35.1	(28.6 - 41.7)	64.4	(59.4 - 69.5)
SD 4	57.5	(53.5 - 61.5)	41.9	(35.1 - 48.7)	65.8	(61.1 - 70.4)
SD 5	49.4	(45.3 - 53.4)	38.2	(31.8 - 44.7)	57.2	(52.2 - 62.3)

Notes: Regular use was defined as using marijuana at least once or twice a week.

PWUM included those who ever used marijuana

Non-PWUM included those who never used marijuana.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix O: Perceived Risk of Adult Harm

How Much Do You Think *Adults* Risk Harming Themselves If They Use Marijuana Regularly? (% Great Risk)

Category	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	49.3	(47.3 - 51.3)	32.3	(29.4 - 35.3)	60.1	(57.6 - 62.6)
Sex						
Male	43.4	(40.0 - 46.7)	30.0	(25.6 - 34.5)	56.6	(51.9 - 61.3)
Female	53.4	(51.0 - 55.9)	34.8	(31.0 - 38.7)	61.9	(59.0 - 64.8)
Age						
12-17	n/a	(n/a - n/a)	n/a	(n/a - n/a)	n/a	(n/a - n/a)
18-20	35.3	(28.7 - 42.0)	24.3	(15.4 - 33.1)	45.4	(36.2 - 54.6)
21-29	38.8	(34.8 - 42.8)	29.9	(24.8 - 35.1)	50.7	(44.5 - 56.9)
30-39	49.0	(44.9 - 53.0)	34.1	(28.0 - 40.1)	60.1	(55.0 - 65.3)
40+	55.6	(52.7 - 58.5)	34.9	(29.8 - 40.1)	63.8	(60.4 - 67.2)
Race/Ethnicity						
Latino	52.3	(49.9 - 54.7)	33.4	(29.5 - 37.3)	62.8	(59.9 - 65.7)
White	31.2	(25.8 - 36.5)	25.0	(18.2 - 31.7)	39.3	(30.7 - 47.9)
Black	38.1	(33.2 - 43.1)	33.5	(26.8 - 40.2)	44.0	(36.6 - 51.4)
Asian	56.9	(50.7 - 63.0)	37.4	(26.1 - 48.8)	64.2	(57.1 - 71.2)
AI/AN	30.8	(12.1 - 49.5)†*	29.9	(8.3 - 51.5)†*	34.0	(.0 - 71.1)†**
Multi	25.5	(14.9 - 36.2)	26.4	(12.7 - 40.0)	23.5	(8.0 - 39.1)*
Nativity						
US Born	40.3	(37.9 - 42.6)	30.8	(27.6 - 34.0)	51.0	(47.5 - 54.5)
Foreign Born	64.2	(60.8 - 67.5)	40.0	(31.5 - 48.5)	69.0	(65.5 - 72.6)
Sexual Orientation						
Heterosexual	48.9	(46.7 - 51.1)	32.2	(28.8 - 35.5)	59.5	(56.7 - 62.3)
LGBQ	43.5	(37.6 - 49.4)	33.4	(25.7 - 41.1)	56.3	(47.7 - 65.0)
Other	55.8	(48.7 - 63.0)	30.4	(17.9 - 42.8)	64.0	(56.0 - 71.9)

Area	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	49.3	(47.3 - 51.3)	32.3	(29.4 - 35.3)	60.1	(57.6 - 62.6)
SPA 1	49.0	(42.2 - 55.8)	32.3	(21.5 - 43.0)	60.7	(52.1 - 69.3)
SPA 2	45.7	(41.2 - 50.2)	29.2	(22.7 - 35.6)	56.5	(50.6 - 62.4)
SPA 3	50.5	(45.4 - 55.6)	34.5	(27.1 - 41.8)	61.1	(54.4 - 67.8)
SPA 4	53.3	(47.0 - 59.6)	30.3	(21.1 - 39.5)	66.3	(58.8 - 73.9)
SPA 5	26.8	(18.0 - 35.6)	20.2	(8.9 - 31.6)	38.2	(23.4 - 53.0)
SPA 6	51.8	(47.3 - 56.2)	29.6	(23.4 - 35.9)	63.3	(57.8 - 68.8)
SPA 7	48.9	(43.5 - 54.4)	36.3	(27.8 - 44.8)	58.0	(51.1 - 64.9)
SPA 8	51.5	(46.4 - 56.7)	37.8	(29.4 - 46.2)	59.1	(52.7 - 65.5)
SD 1	49.6	(45.0 - 54.2)	33.1	(26.1 - 40.1)	60.8	(54.9 - 66.7)
SD 2	53.8	(50.2 - 57.3)	35.1	(29.5 - 40.7)	64.5	(60.2 - 68.9)
SD 3	45.3	(40.7 - 49.9)	28.8	(22.2 - 35.3)	56.3	(50.2 - 62.3)
SD 4	49.6	(45.2 - 54.1)	32.9	(25.9 - 39.8)	59.1	(53.6 - 64.6)
SD 5	43.9	(39.2 - 48.6)	30.1	(23.3 - 36.8)	55.7	(49.3 - 62.1)

Notes: Regular use was defined as using marijuana at least once or twice a week.

PWUM included those who ever used marijuana

Non-PWUM included those who never used marijuana.

Only adult surveys (age 18+) included this question.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE > 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix P: Perceived Harms

In What Ways Do You Think Marijuana Use Can Cause Harm?

Category	DUI		Illegal Activities		Physical Health Problems		Trouble at Work/School		Personal Motivation		Trouble with Family Members	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	64.5	(62.8 - 66.1)	58.3	(56.6 - 60.1)	41.1	(39.3 - 42.8)	34.9	(33.2 - 36.6)	34.6	(32.9 - 36.3)	31.4	(29.7 - 33.0)
PWUM	68.3	(65.7 - 71.0)	51.1	(48.1 - 54.1)	33.6	(30.9 - 36.4)	41.8	(38.8 - 44.7)	42.8	(39.8 - 45.7)	30.2	(27.5 - 33.0)
Non-PWUM	62.3	(60.1 - 64.4)	62.5	(60.4 - 64.6)	45.3	(43.1 - 47.4)	31.0	(29.0 - 32.9)	30.0	(28.0 - 32.0)	31.9	(29.8 - 33.9)
Sex												
Male	62.0	(59.3 - 64.8)	56.9	(54.0 - 59.8)	36.6	(33.8 - 39.5)	36.2	(33.4 - 39.0)	33.9	(31.1 - 36.7)	30.2	(27.4 - 32.9)
Female	66.3	(64.2 - 68.3)	59.4	(57.3 - 61.6)	44.4	(42.2 - 46.6)	34.0	(31.9 - 36.0)	35.2	(33.1 - 37.2)	32.3	(30.2 - 34.3)
Age												
12-17	49.2	(46.0 - 52.5)	61.7	(58.5 - 64.9)	45.9	(42.7 - 49.1)	38.5	(35.3 - 41.6)	26.3	(23.6 - 29.1)	36.5	(33.4 - 39.6)
18-20	62.7	(56.2 - 69.2)	55.0	(48.3 - 61.7)	37.4	(31.0 - 43.8)	35.5	(29.1 - 41.9)	33.5	(26.8 - 40.1)	31.7	(25.5 - 37.8)
21-29	65.1	(61.1 - 69.1)	54.6	(50.5 - 58.7)	37.5	(33.5 - 41.5)	37.7	(33.7 - 41.8)	36.9	(32.9 - 40.9)	29.4	(25.7 - 33.1)
30-39	67.1	(63.3 - 70.9)	56.7	(52.7 - 60.7)	38.4	(34.5 - 42.3)	35.6	(31.7 - 39.4)	35.9	(32.1 - 39.7)	28.9	(25.2 - 32.6)
40+	67.8	(65.1 - 70.5)	60.1	(57.3 - 63.0)	42.8	(40.0 - 45.7)	32.3	(29.6 - 35.0)	35.8	(33.0 - 38.5)	31.7	(29.0 - 34.4)
Race/Ethnicity												
Latino	63.1	(61.0 - 65.1)	59.1	(57.0 - 61.2)	41.5	(39.4 - 43.6)	35.0	(33.0 - 37.0)	32.7	(30.7 - 34.7)	32.3	(30.3 - 34.3)
White	75.3	(71.1 - 79.5)	54.1	(48.7 - 59.5)	38.5	(33.3 - 43.7)	39.0	(33.7 - 44.3)	47.0	(41.6 - 52.5)	28.1	(23.3 - 32.9)
Black	62.7	(58.3 - 67.0)	53.2	(48.6 - 57.8)	33.6	(29.0 - 38.2)	29.0	(24.8 - 33.2)	39.1	(34.4 - 43.7)	25.0	(20.9 - 29.1)
Asian	67.0	(62.1 - 72.0)	61.8	(56.4 - 67.2)	48.4	(42.8 - 54.1)	34.6	(29.3 - 40.0)	33.8	(28.4 - 39.1)	32.9	(27.7 - 38.2)
AI/AN [†]	53.7	(33.0 - 74.5)	59.3	(39.6 - 78.9)	36.3	(16.5 - 56.2)	55.5	(35.3 - 75.7)	38.3	(18.8 - 57.8)	50.7	(30.1 - 71.2)
Multi	60.1	(51.3 - 69.0)	54.7	(45.4 - 63.9)	39.6	(30.6 - 48.7)	38.7	(29.7 - 47.8)	39.9	(30.6 - 49.1)	29.8	(21.3 - 38.2)
Nativity												
US Born	65.7	(63.8 - 67.7)	56.6	(54.6 - 58.7)	38.5	(36.5 - 40.5)	37.0	(35.0 - 39.0)	37.5	(35.5 - 39.5)	30.4	(28.5 - 32.3)
Foreign Born	62.9	(59.6 - 66.2)	61.8	(58.5 - 65.1)	46.3	(42.9 - 49.7)	31.1	(28.0 - 34.3)	29.2	(26.1 - 32.3)	32.6	(29.4 - 35.8)
Sexual Orientation												
Heterosexual	66.4	(64.5 - 68.3)	60.3	(58.3 - 62.2)	41.9	(39.9 - 43.8)	35.8	(33.9 - 37.7)	37.3	(35.3 - 39.2)	32.0	(30.2 - 33.9)
LGBQ	62.2	(57.6 - 66.8)	54.5	(49.7 - 59.3)	38.5	(33.7 - 43.3)	33.9	(29.3 - 38.6)	27.4	(23.3 - 31.6)	29.0	(24.7 - 33.3)
Other	52.0	(45.7 - 58.2)	47.2	(41.0 - 53.4)	37.0	(31.0 - 43.0)	29.8	(24.3 - 35.3)	20.7	(16.2 - 25.3)	29.0	(23.4 - 34.5)

Notes: Respondents were asked to select up to five responses.

PWUM indicates people who ever used marijuana.

Non-PWUM indicates people who never used marijuana.

[†] The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix P: Perceived Harms (Cont.)

In What Ways Do You Think Marijuana Use Can Cause Harm?

Category	Mental Health Problems		Poor Performance		Overdose		Don't Know		None		Other	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	31.1	(29.5 - 32.7)	27.4	(25.8 - 29.0)	25.8	(24.2 - 27.3)	11.6	(10.4 - 12.7)	4.5	(3.8 - 5.2)	2.7	(2.1 - 3.3)
PWUM	29.7	(27.0 - 32.3)	33.5	(30.7 - 36.3)	11.7	(9.8 - 13.6)	5.5	(4.2 - 6.8)	9.3	(7.5 - 11.1)	3.1	(1.9 - 4.2)
Non-PWUM	32.0	(29.9 - 34.0)	23.9	(22.0 - 25.7)	33.8	(31.7 - 35.9)	15.1	(13.4 - 16.7)	1.6	(1.2 - 2.1)	2.4	(1.8 - 3.0)
Sex												
Male	27.0	(24.4 - 29.6)	28.6	(25.9 - 31.3)	21.6	(19.2 - 24.0)	11.3	(9.5 - 13.0)	6.7	(5.2 - 8.1)	2.8	(1.8 - 3.8)
Female	34.2	(32.2 - 36.3)	26.5	(24.7 - 28.4)	28.9	(26.9 - 30.9)	11.8	(10.3 - 13.3)	2.9	(2.2 - 3.6)	2.6	(1.9 - 3.3)
Age												
12-17	39.2	(36.0 - 42.3)	25.3	(22.5 - 28.1)	39.7	(36.6 - 42.8)	15.1	(12.6 - 17.7)	4.1	(2.3 - 5.8)	1.5	(0.9 - 2.2)
18-20	31.3	(25.1 - 37.4)	25.7	(19.9 - 31.5)	25.2	(19.2 - 31.2)	12.1	(8.3 - 15.9)	6.4	(3.7 - 9.2)	1.7	(0.2 - 3.3)*
21-29	31.9	(28.1 - 35.7)	27.8	(24.1 - 31.5)	16.8	(13.6 - 19.9)	8.8	(6.5 - 11.1)	7.3	(4.9 - 9.8)	2.1	(0.8 - 3.4)*
30-39	26.9	(23.3 - 30.5)	28.8	(25.1 - 32.5)	22.9	(19.5 - 26.2)	9.6	(7.0 - 12.1)	4.9	(3.2 - 6.5)	2.7	(1.5 - 3.9)
40+	30.2	(27.5 - 32.9)	27.5	(25.0 - 30.1)	26.7	(24.1 - 29.3)	12.5	(10.5 - 14.4)	3.0	(2.1 - 4.0)	3.4	(2.4 - 4.4)
Race/Ethnicity												
Latino	30.7	(28.7 - 32.6)	25.3	(23.5 - 27.2)	26.7	(24.9 - 28.5)	12.3	(10.9 - 13.7)	4.4	(3.5 - 5.3)	2.8	(2.1 - 3.5)
White	35.0	(29.8 - 40.1)	38.0	(32.7 - 43.3)	15.9	(11.9 - 20.0)	5.4	(3.0 - 7.8)	3.7	(2.1 - 5.2)	2.4	(0.8 - 4.0)*
Black	25.4	(21.2 - 29.5)	33.1	(28.6 - 37.7)	16.1	(13.0 - 19.3)	12.5	(9.6 - 15.4)	8.2	(5.9 - 10.4)	3.0	(1.3 - 4.8)
Asian	37.3	(31.8 - 42.8)	28.9	(23.6 - 34.1)	40.3	(34.6 - 46.0)	11.2	(7.8 - 14.6)	2.4	(0.9 - 3.9)*	1.6	(0.3 - 2.8)*
AI/AN†	33.0	(13.2 - 52.9)*	30.4	(12.4 - 48.4)*	20.5	(2.7 - 38.3)*	4.2	(0.0 - 12.2)**	11.2	(0.0 - 23.4)**	4.0	(0.0 - 11.6)**
Multi	32.3	(23.7 - 40.9)	37.9	(28.8 - 47.0)	20.5	(13.3 - 27.7)	11.5	(5.0 - 18.1)	9.1	(3.9 - 14.2)	1.9	(0.1 - 3.6)*
Nativity												
US Born	31.7	(29.8 - 33.6)	30.3	(28.4 - 32.2)	20.3	(18.7 - 21.9)	9.5	(8.4 - 10.7)	5.7	(4.8 - 6.7)	2.3	(1.7 - 2.9)
Foreign Born	30.2	(27.1 - 33.4)	22.2	(19.4 - 24.9)	36.7	(33.4 - 40.0)	14.9	(12.4 - 17.3)	2.1	(1.0 - 3.2)	3.6	(2.3 - 4.9)
Sexual Orientation												
Heterosexual	31.9	(30.1 - 33.8)	28.7	(26.8 - 30.5)	25.5	(23.8 - 27.3)	10.0	(8.8 - 11.2)	4.2	(3.4 - 5.0)	2.4	(1.8 - 3.0)
LGBQ	29.7	(25.4 - 34.0)	25.2	(21.1 - 29.3)	22.5	(18.5 - 26.4)	11.6	(8.5 - 14.7)	6.8	(4.3 - 9.3)	1.9	(0.8 - 3.0)*
Other	26.6	(21.3 - 31.8)	19.4	(14.7 - 24.2)	31.6	(25.8 - 37.5)	23.4	(17.7 - 29.1)	4.7	(1.4 - 8.0)*	5.8	(2.9 - 8.6)

Notes: Respondents were asked to select up to five responses.

PWUM indicates people who ever used marijuana.

Non-PWUM indicates people who never used marijuana.

"Other" included "all of the above", "gateway drug", "overeat", etc.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE > 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix Q: Passengers of Drivers Under the Influence

Have You Ever Been a Passenger in a Car When the Driver Was Under the Influence of Marijuana? (%Yes)

Category	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	29.1	(27.5 - 30.7)	58.0	(55.1 - 60.9)	12.5	(11.1 - 14.0)
Sex						
Male	36.2	(33.4 - 39.0)	64.3	(60.0 - 68.5)	13.6	(11.1 - 16.1)
Female	23.9	(22.1 - 25.7)	51.2	(47.5 - 55.0)	11.9	(10.1 - 13.7)
Age						
12-17	14.7	(12.4 - 17.0)	47.2	(39.0 - 55.5)	7.4	(5.8 - 8.9)
18-20	25.7	(20.1 - 31.2)	33.1	(24.1 - 42.2)	19.2	(12.1 - 26.4)
21-29	42.6	(38.5 - 46.7)	60.0	(54.5 - 65.4)	19.6	(14.7 - 24.5)
30-39	38.2	(34.3 - 42.2)	69.4	(64.0 - 74.8)	14.3	(10.7 - 17.9)
40+	24.4	(22.0 - 26.9)	57.0	(51.8 - 62.1)	11.1	(8.9 - 13.3)
Race/Ethnicity						
Latino	27.0	(25.1 - 28.9)	57.0	(53.3 - 60.7)	11.9	(10.3 - 13.6)
White	42.5	(37.0 - 47.9)	64.8	(58.1 - 71.5)	16.3	(10.5 - 22.1)
Black	45.0	(40.3 - 49.7)	64.7	(58.5 - 71.0)	22.6	(17.2 - 27.9)
Asian	15.6	(11.7 - 19.5)	37.4	(27.6 - 47.2)	7.8	(4.0 - 11.7)
AI/AN	55.1	(35.1 - 75.2)	65.3	(40.0 - 90.5)†	32.2	(3.3 - 61.1)†*
Multi	36.8	(27.8 - 45.7)	55.8	(41.8 - 69.9)	17.3	(8.2 - 26.4)
Nativity						
US Born	35.5	(33.5 - 37.5)	58.9	(55.7 - 62.0)	15.1	(13.1 - 17.0)
Foreign Born	17.7	(15.0 - 20.4)	54.6	(46.4 - 62.8)	9.9	(7.5 - 12.2)
Sexual Orientation						
Heterosexual	29.7	(27.9 - 31.6)	58.8	(55.5 - 62.1)	12.8	(11.2 - 14.5)
LGBQ	39.3	(34.4 - 44.1)	61.1	(54.1 - 68.1)	18.6	(13.2 - 23.9)
Other	12.0	(8.0 - 16.1)	33.5	(22.1 - 44.9)	6.5	(2.3 - 10.8)*

Area	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	29.1	(27.5 - 30.7)	58.0	(55.1 - 60.9)	12.5	(11.1 - 14.0)
SPA 1	31.2	(25.7 - 36.6)	57.7	(48.4 - 67.0)	14.5	(9.3 - 19.7)
SPA 2	28.7	(25.1 - 32.4)	57.2	(50.6 - 63.7)	12.6	(9.1 - 16.0)
SPA 3	26.5	(22.5 - 30.5)	50.4	(43.1 - 57.8)	12.2	(8.3 - 16.1)
SPA 4	26.0	(21.3 - 30.8)	62.5	(53.3 - 71.7)	9.0	(5.4 - 12.5)
SPA 5	48.9	(38.8 - 59.1)	67.8	(56.0 - 79.5)	20.0	(8.3 - 31.7)
SPA 6	31.1	(27.4 - 34.7)	62.9	(56.5 - 69.2)	14.7	(11.2 - 18.2)
SPA 7	29.1	(24.6 - 33.6)	54.8	(46.6 - 62.9)	11.9	(8.1 - 15.8)
SPA 8	27.6	(23.3 - 31.8)	61.1	(53.6 - 68.6)	11.7	(7.9 - 15.6)
SD 1	27.9	(24.2 - 31.6)	54.3	(47.5 - 61.0)	11.8	(8.4 - 15.1)
SD 2	30.5	(27.5 - 33.4)	64.2	(59.2 - 69.1)	13.3	(10.7 - 15.9)
SD 3	30.8	(26.9 - 34.7)	59.8	(53.2 - 66.5)	13.5	(9.9 - 17.1)
SD 4	25.9	(22.4 - 29.4)	52.9	(45.9 - 59.8)	11.2	(8.1 - 14.3)
SD 5	32.9	(28.9 - 36.8)	60.0	(53.7 - 66.3)	13.7	(10.0 - 17.5)

Notes: PWUM included those who ever used marijuana

Non-PWUM included those who never used marijuana.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

Appendix R: Perceived Peer Disapproval

How Would Your Close Friends Feel If You Used Marijuana? (%Strongly Disapprove/Disapprove)

Category	Overall		PWUM		Non-PWUM		Area	Overall		PWUM		Non-PWUM	
	%	95% C.I.	%	95% C.I.	%	95% C.I.		%	95% C.I.	%	95% C.I.	%	95% C.I.
LAC	60.6	(58.9 - 62.3)	33.1	(30.3 - 36.0)	76.4	(74.6 - 78.2)	LAC	60.6	(58.9 - 62.3)	33.1	(30.3 - 36.0)	76.4	(74.6 - 78.2)
Sex													
Male	56.4	(53.5 - 59.3)	34.2	(29.8 - 38.6)	74.4	(71.3 - 77.6)	SPA 1	59.6	(54.0 - 65.3)	30.6	(21.9 - 39.4)	77.9	(72.2 - 83.6)
Female	63.7	(61.6 - 65.8)	32.0	(28.3 - 35.6)	77.6	(75.5 - 79.8)	SPA 2	58.9	(54.9 - 62.8)	29.8	(23.6 - 36.1)	75.5	(71.3 - 79.8)
Age							SPA 3	62.3	(57.9 - 66.7)	32.9	(25.8 - 40.1)	79.7	(75.1 - 84.4)
12-17	72.1	(69.4 - 74.8)	28.1	(20.0 - 36.2)	82.1	(79.9 - 84.3)	SPA 4	62.7	(57.3 - 68.1)	23.9	(16.7 - 31.2)	81.8	(76.5 - 87.1)
18-20	50.0	(43.3 - 56.7)	29.9	(19.4 - 40.3)	66.5	(58.6 - 74.4)	SPA 5	39.2	(29.8 - 48.7)	24.1	(12.6 - 35.6)	62.4	(46.5 - 78.3)
21-29	39.4	(35.4 - 43.5)	19.2	(14.9 - 23.6)	66.5	(60.8 - 72.1)	SPA 6	61.7	(58.0 - 65.4)	35.3	(28.5 - 42.1)	75.1	(71.1 - 79.1)
30-39	58.3	(54.5 - 62.2)	35.8	(29.5 - 42.2)	75.5	(71.1 - 79.9)	SPA 7	60.7	(56.0 - 65.5)	38.7	(30.7 - 46.7)	75.2	(70.4 - 80.1)
40+	68.4	(65.8 - 71.1)	44.5	(39.3 - 49.7)	78.5	(75.7 - 81.3)	SPA 8	62.0	(57.6 - 66.3)	37.0	(29.1 - 45.0)	74.2	(69.4 - 79.1)
Race/Ethnicity													
Latino	63.1	(61.1 - 65.2)	34.1	(30.4 - 37.8)	77.8	(75.7 - 79.8)	SD 1	61.6	(57.6 - 65.6)	30.4	(24.2 - 36.6)	80.6	(76.5 - 84.7)
White	46.6	(41.2 - 52.0)	28.1	(21.6 - 34.6)	68.0	(60.3 - 75.7)	SD 2	62.2	(59.2 - 65.2)	34.8	(29.3 - 40.2)	76.5	(73.3 - 79.7)
Black	45.8	(41.1 - 50.4)	33.0	(26.4 - 39.6)	61.4	(55.2 - 67.6)	SD 3	56.8	(52.6 - 60.9)	28.0	(21.7 - 34.3)	74.1	(69.5 - 78.7)
Asian	69.1	(64.0 - 74.3)	33.8	(23.2 - 44.5)	81.8	(76.5 - 87.1)	SD 4	62.2	(58.4 - 66.0)	39.6	(32.6 - 46.6)	74.4	(70.4 - 78.4)
AI/AN	35.8	(17.1 - 54.5)†	25.7	(5.5 - 45.9)†*	57.7	(26.1 - 89.3)†	SD 5	57.4	(53.4 - 61.4)	30.0	(23.9 - 36.0)	76.7	(72.3 - 81.0)
Multi	48.0	(38.8 - 57.1)	32.1	(18.9 - 45.2)	64.2	(52.7 - 75.7)							
Nativity													
US Born	52.3	(50.2 - 54.4)	30.3	(27.2 - 33.3)	71.7	(69.2 - 74.1)							
Foreign Born	76.2	(73.3 - 79.1)	47.9	(39.6 - 56.1)	82.4	(79.7 - 85.2)							
Sexual Orientation													
Heterosexual	61.2	(59.3 - 63.1)	34.4	(31.2 - 37.7)	76.8	(74.8 - 78.9)							
LGBQ	49.6	(44.7 - 54.5)	27.0	(20.2 - 33.8)	71.6	(65.9 - 77.3)							
Other	66.2	(60.2 - 72.2)	29.0	(17.1 - 40.9)	75.7	(69.4 - 82.0)							

Notes: Regular use was defined as using marijuana at least once or twice a week.

PWUM included those who ever used marijuana

Non-PWUM included those who never used marijuana.

Only adult respondents (age 18+) answered this question.

* The estimate is for planning or policy purposes (RSE is between 30% and 50%); Interpret with caution.

** The estimate is statistically unstable (RSE > 50%); Interpret with caution.

† The estimate is statistically unstable (sample size < 30); Interpret with caution.

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