



Opioid Use and Consequences in Los Angeles County & PPSDS

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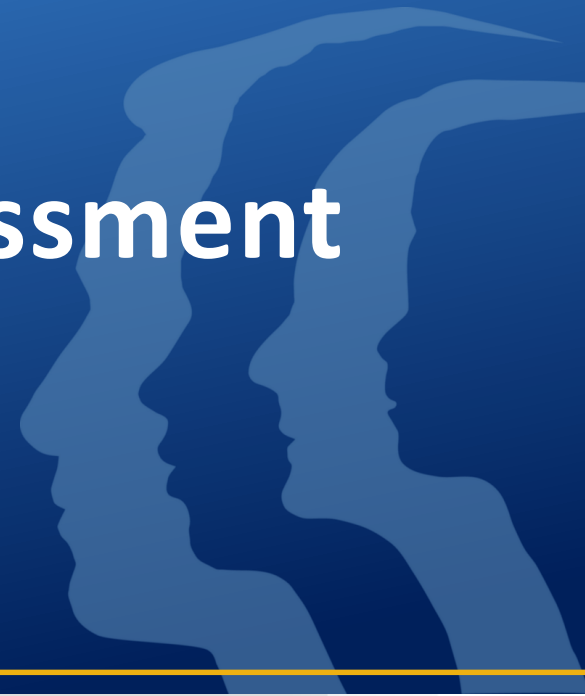
Chief, Health Outcomes and Data Analytics
Substance Abuse Prevention and Control

AOD Prevention Services Provider Meeting
July 12, 2018





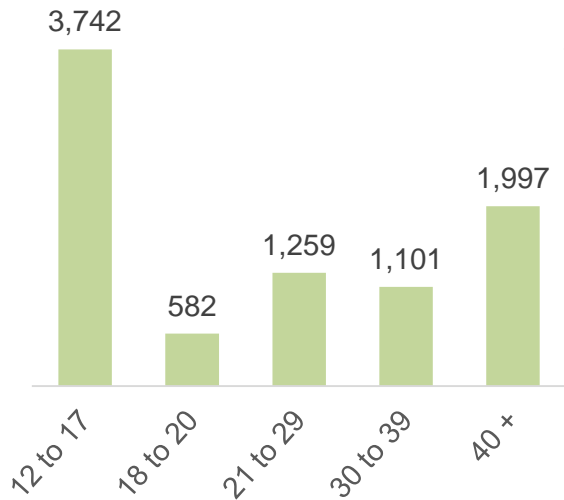
Community Needs Assessment



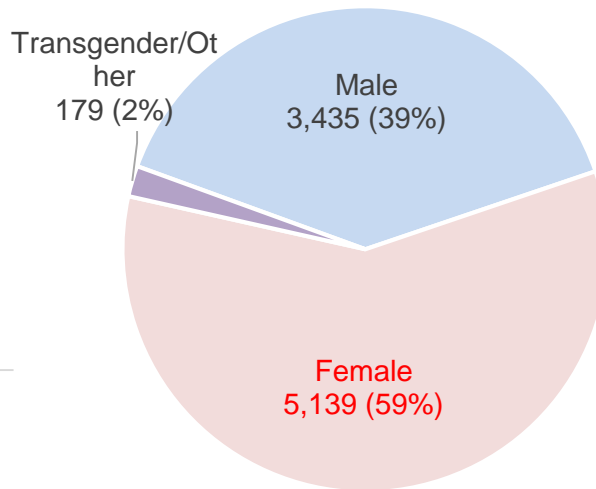
LAC Sample Participants (N=9,487)



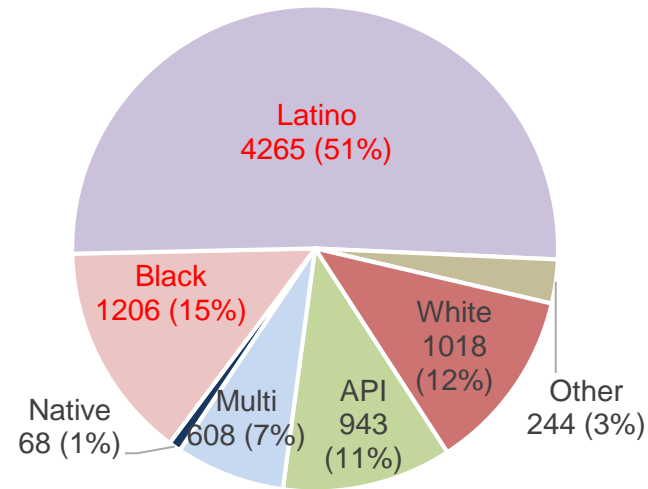
Age (years)



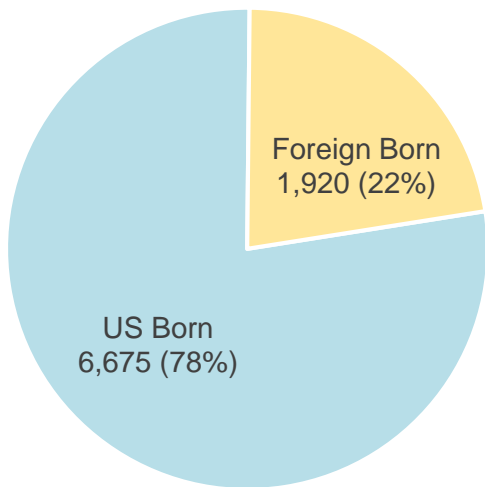
Gender



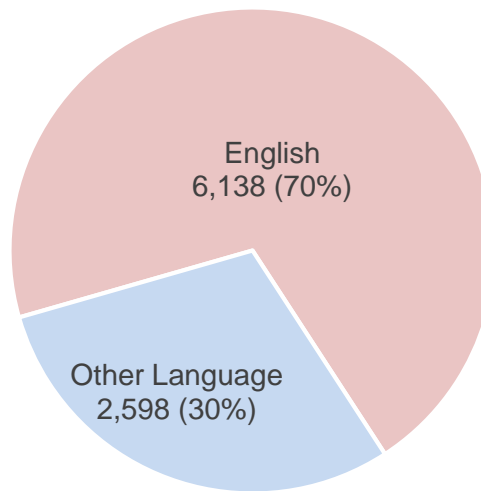
Race/Ethnicity



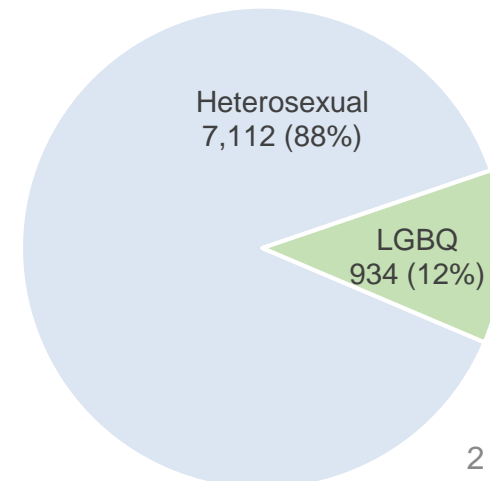
Nativity



Primary Language Spoken at Home



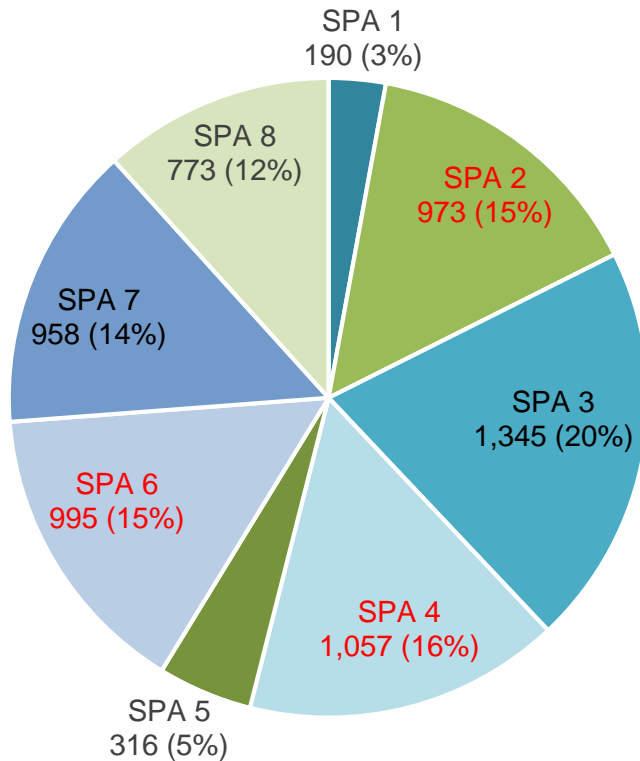
Sexual Orientation



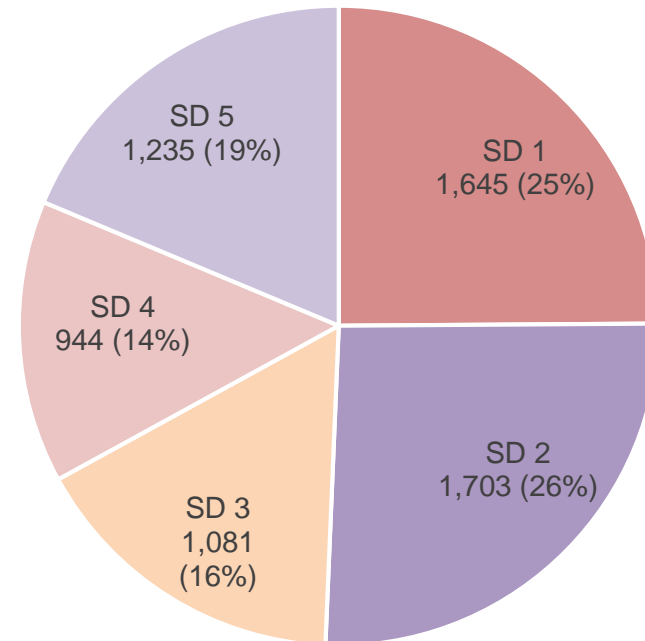
Geography of Participants*



Service Planning Area (SPA)



Supervisorial District (SD)



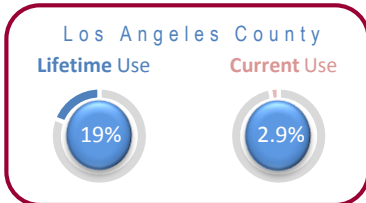
*69% of participants provided their current residence zip codes;

LAC Pop 12+: 8.6 million, SPA 1-4%, SPA2-22%, SPA3-18%, SPA4-12%, SPA5-7%, SPA6-10%, SPA7-13%, SPA8-15%

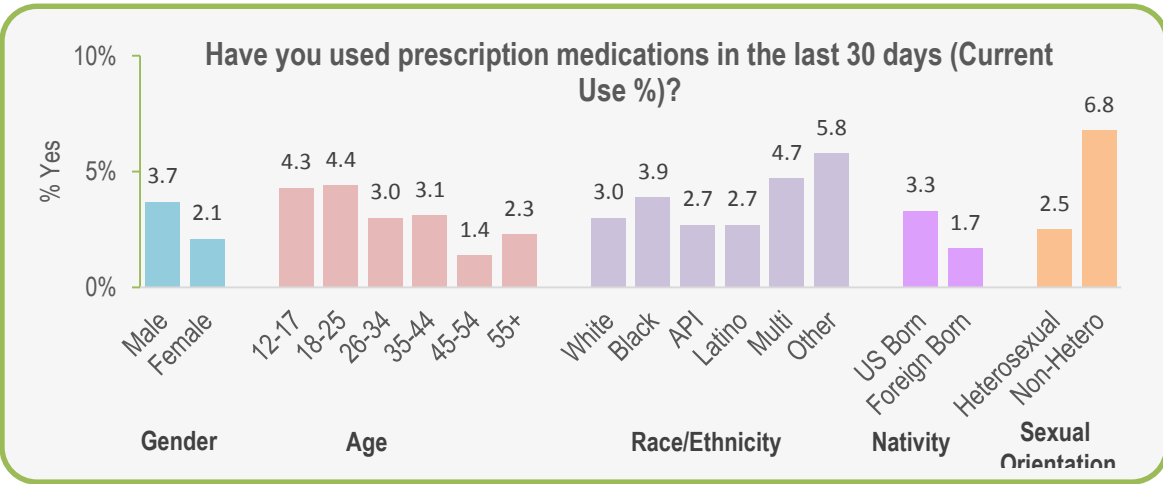
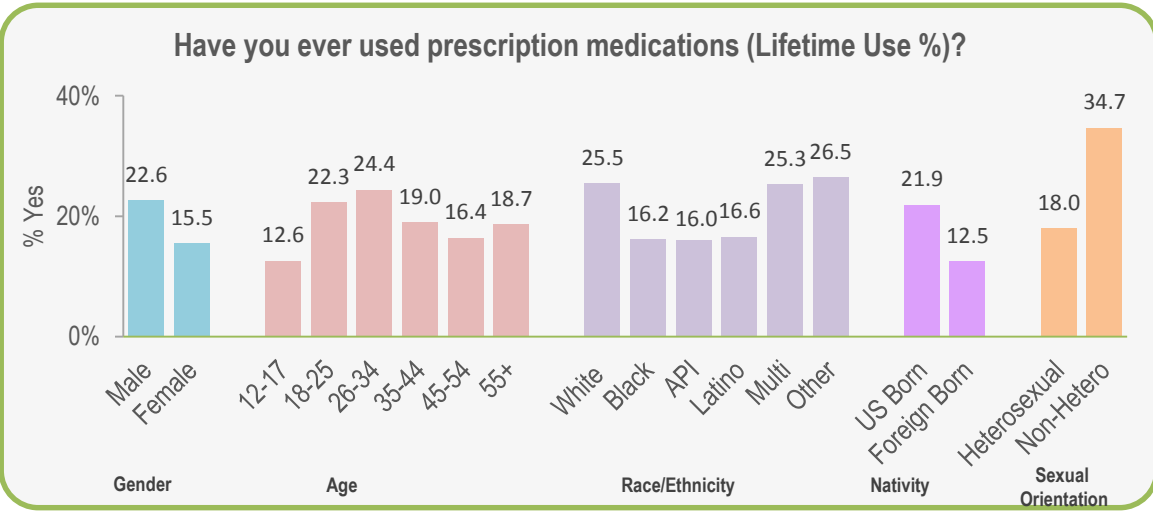


Weighting and population estimates

- Calculated sample weights using age, gender, and race/ethnicity variables:
 - To permit unbiased estimates
 - To reduce sampling errors
 - To reflect estimates of the population totals
- All subsequent analysis and estimates are population estimates based on the sample weights



Area	% Lifetime Use	% Current Use
Service Planning Area (SPA)		
SPA 1	22.9	1.9
SPA 2	15.7	1.7
SPA 3	19.3	3.2
SPA 4	20.0	3.0
SPA 5	20.5	3.5
SPA 6	18.1	5.5
SPA 7	15.7	1.2
SPA 8	21.0	1.2
Supervisory District (SD)		
SD 1	16.1	2.1
SD 2	19.9	3.8
SD 3	19	2.4
SD 4	20.1	1.5
SD 5	19.1	3.1

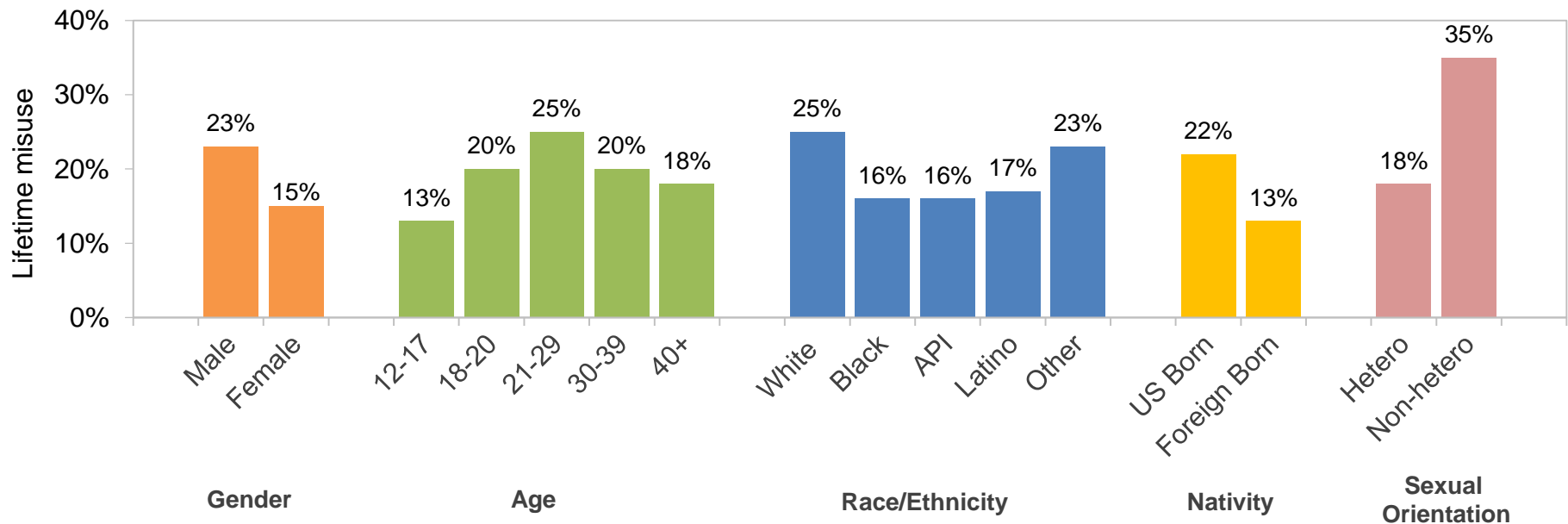
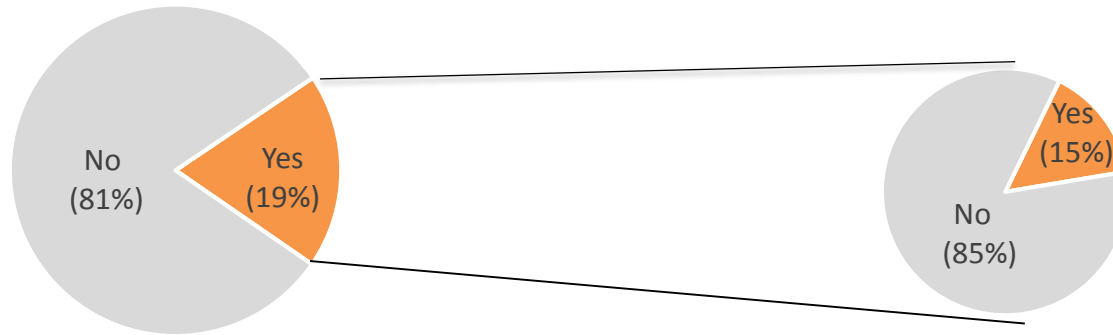


Prevalence of Lifetime Rx Misuse



Have you ever misused Rx medications (lifetime misuse)?

Have you misused Rx medications in the last 30 days (current use among ever users)?



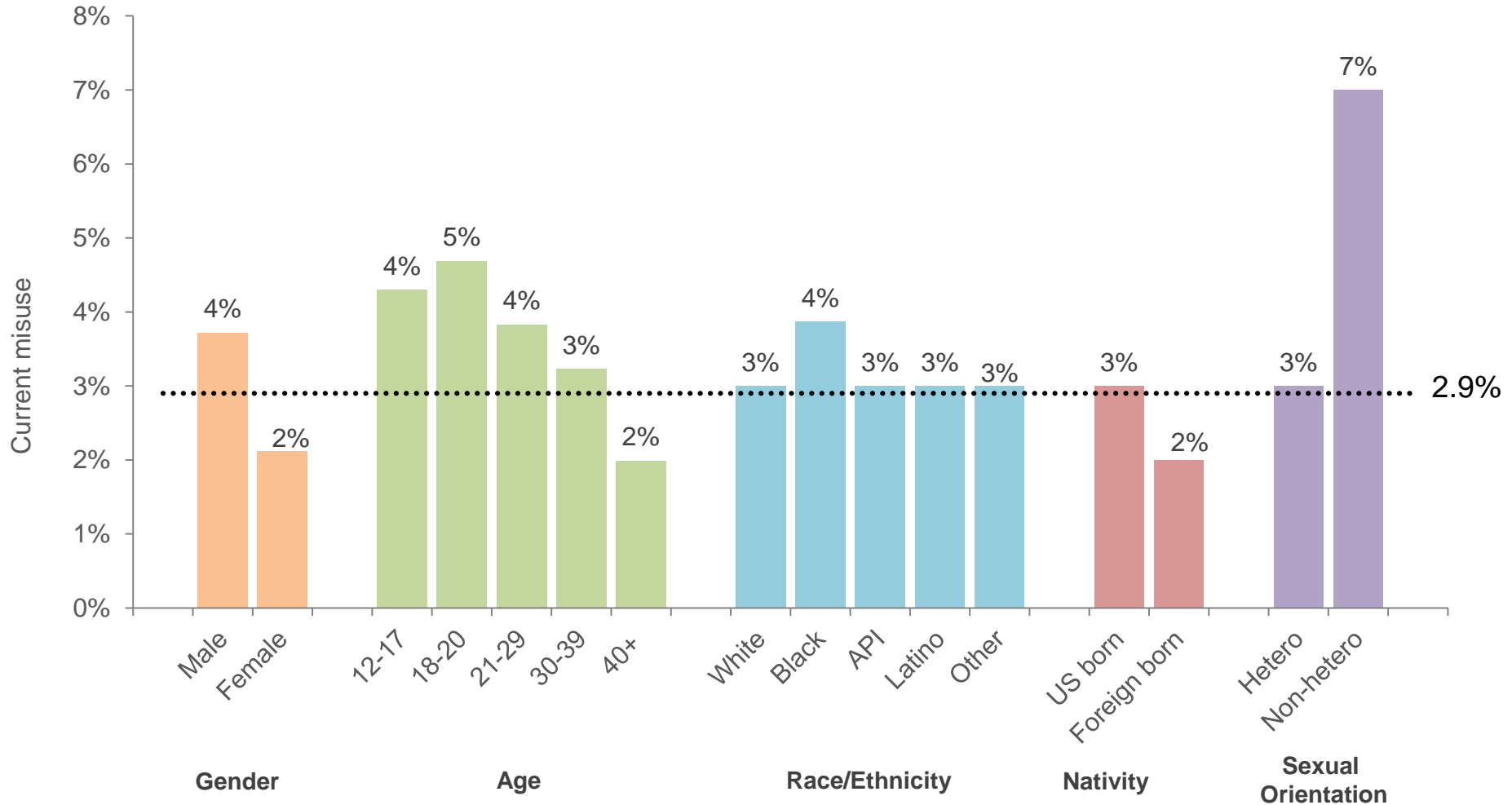
API: Asian Pacific Islander; Other includes Native American, multi-race, other

Data Source: Community Needs Assessment 2017 (N=9,487). Substance Abuse Prevention and Control, Health Outcomes and Data Analytics Unit. Los Angeles County Department of Public Health.

Prevalence of Current Rx Misuse



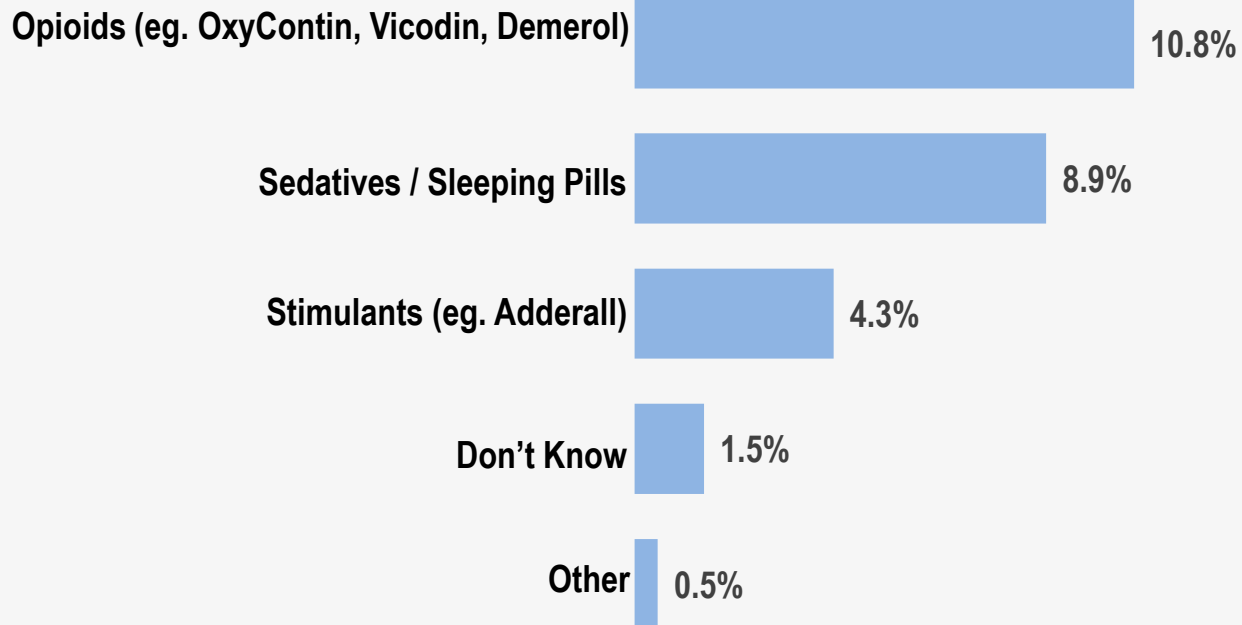
Have you misused prescription medication in the last 30 days?



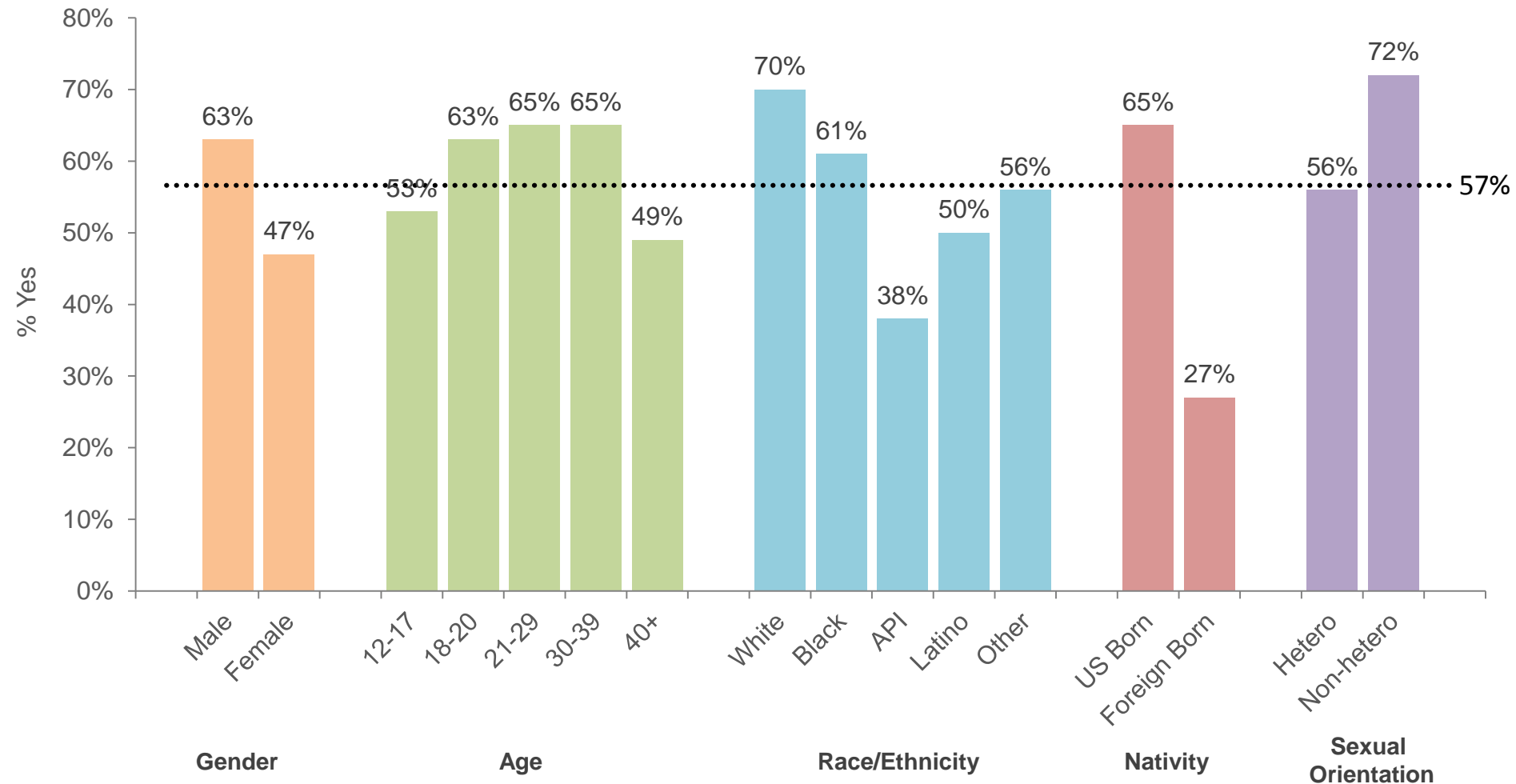
Type of Rx Misuse (Prevalence)



What type of prescription medications have you misused?



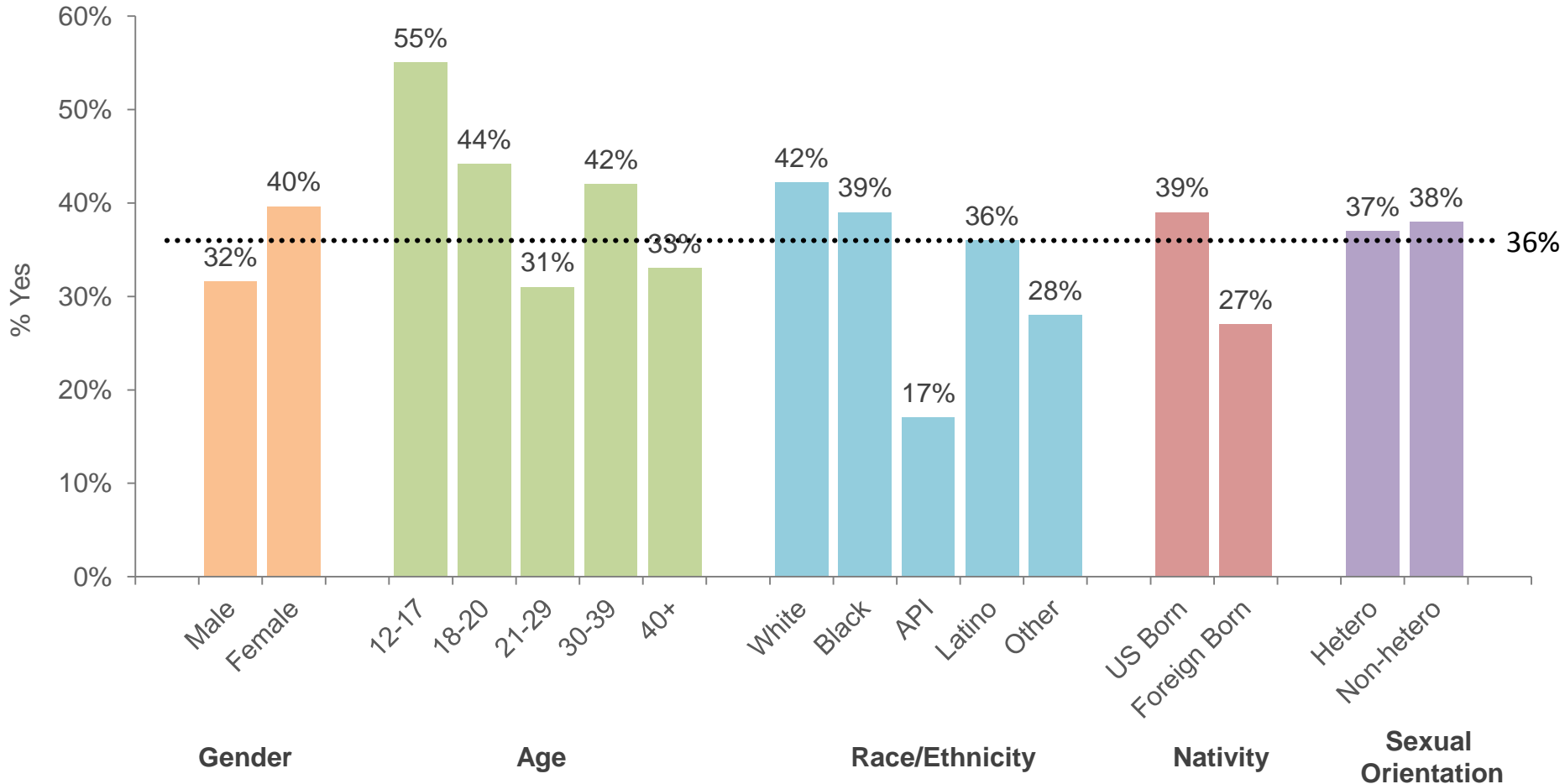
Have you ever misused prescription medications with alcohol or other drugs?



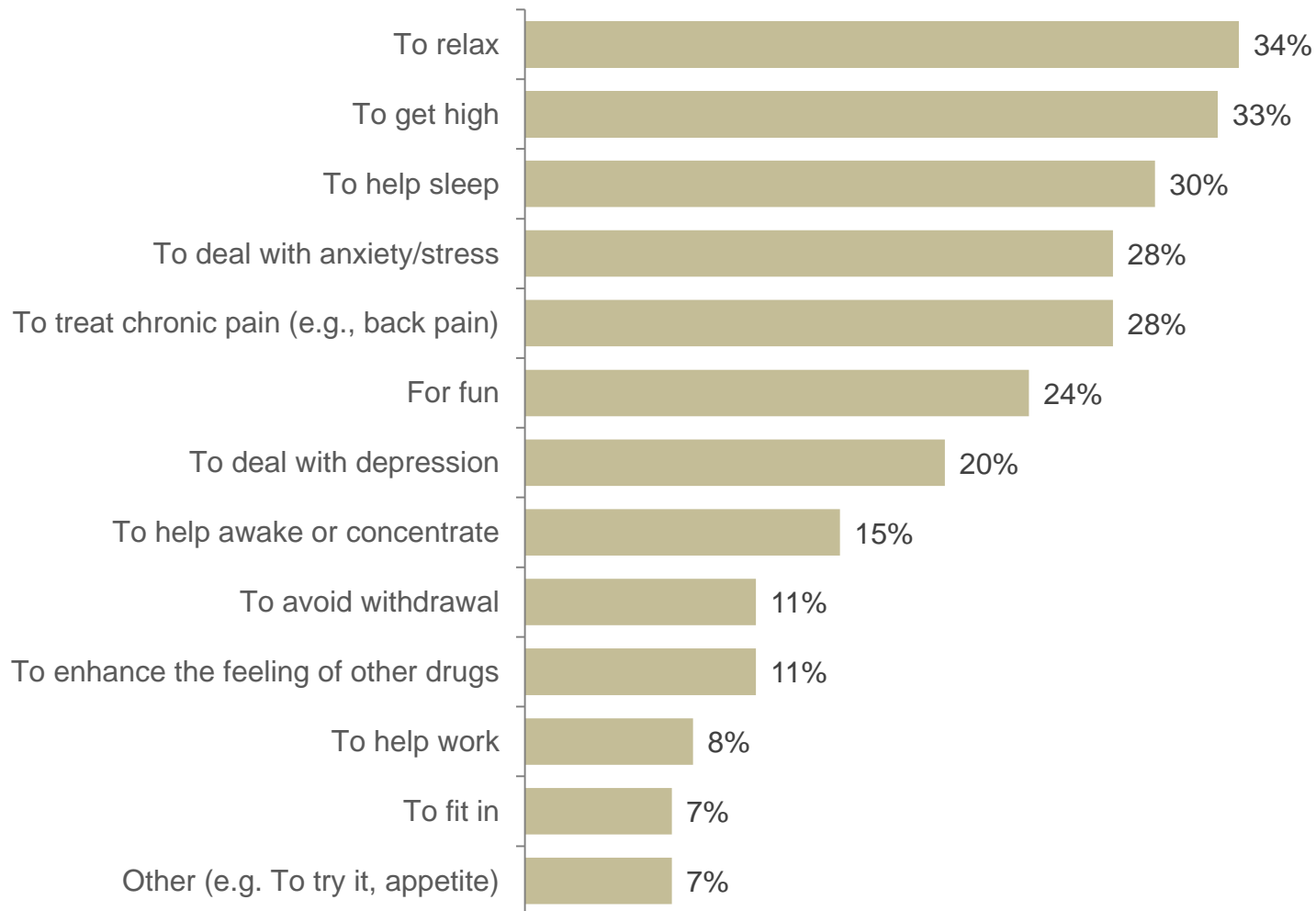
Patterns of Misuse



Have you ever misused prescription medications before or during work/school?



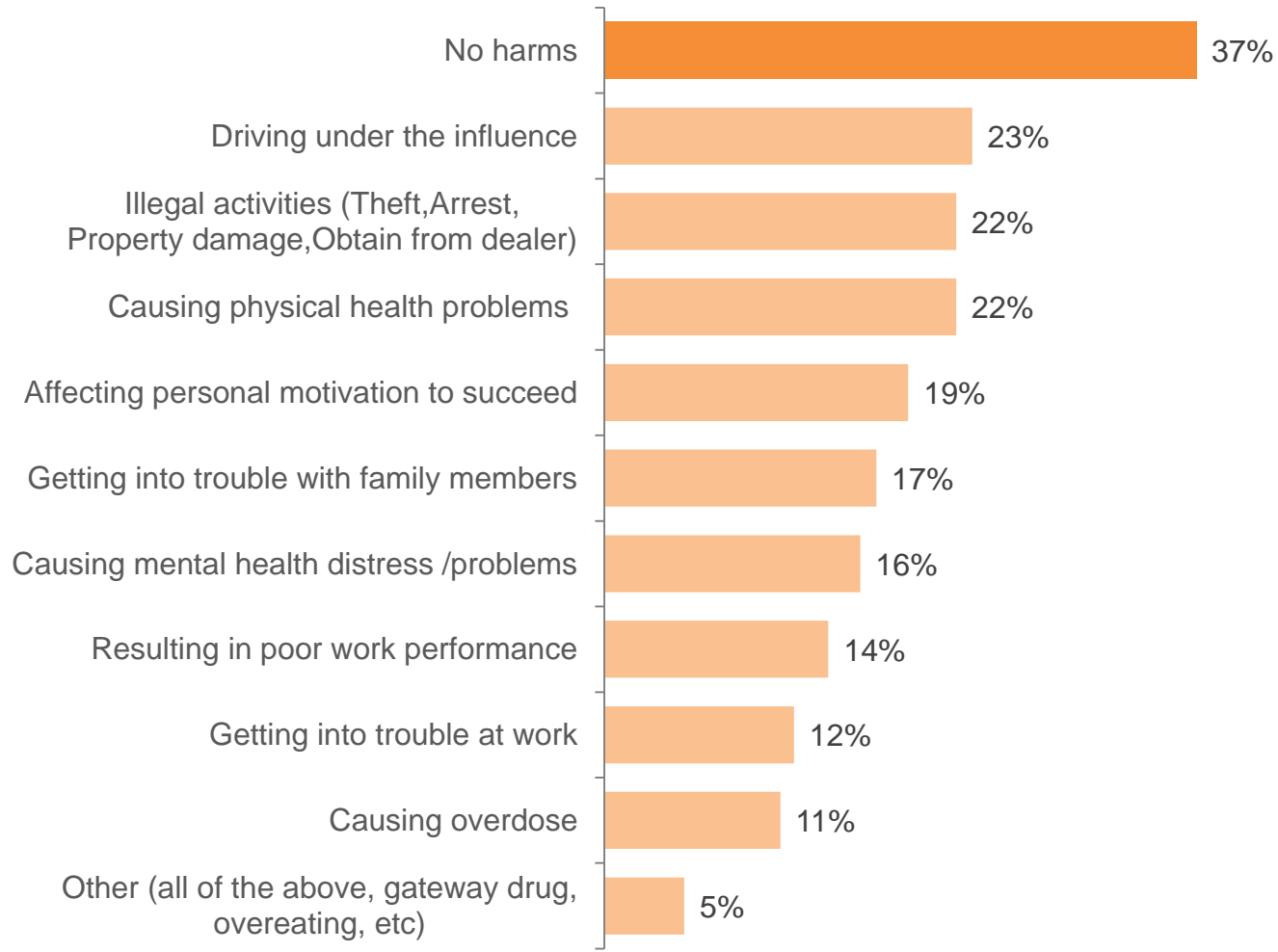
For what reasons have you misused prescription medications?



Experienced Harms among Misusers

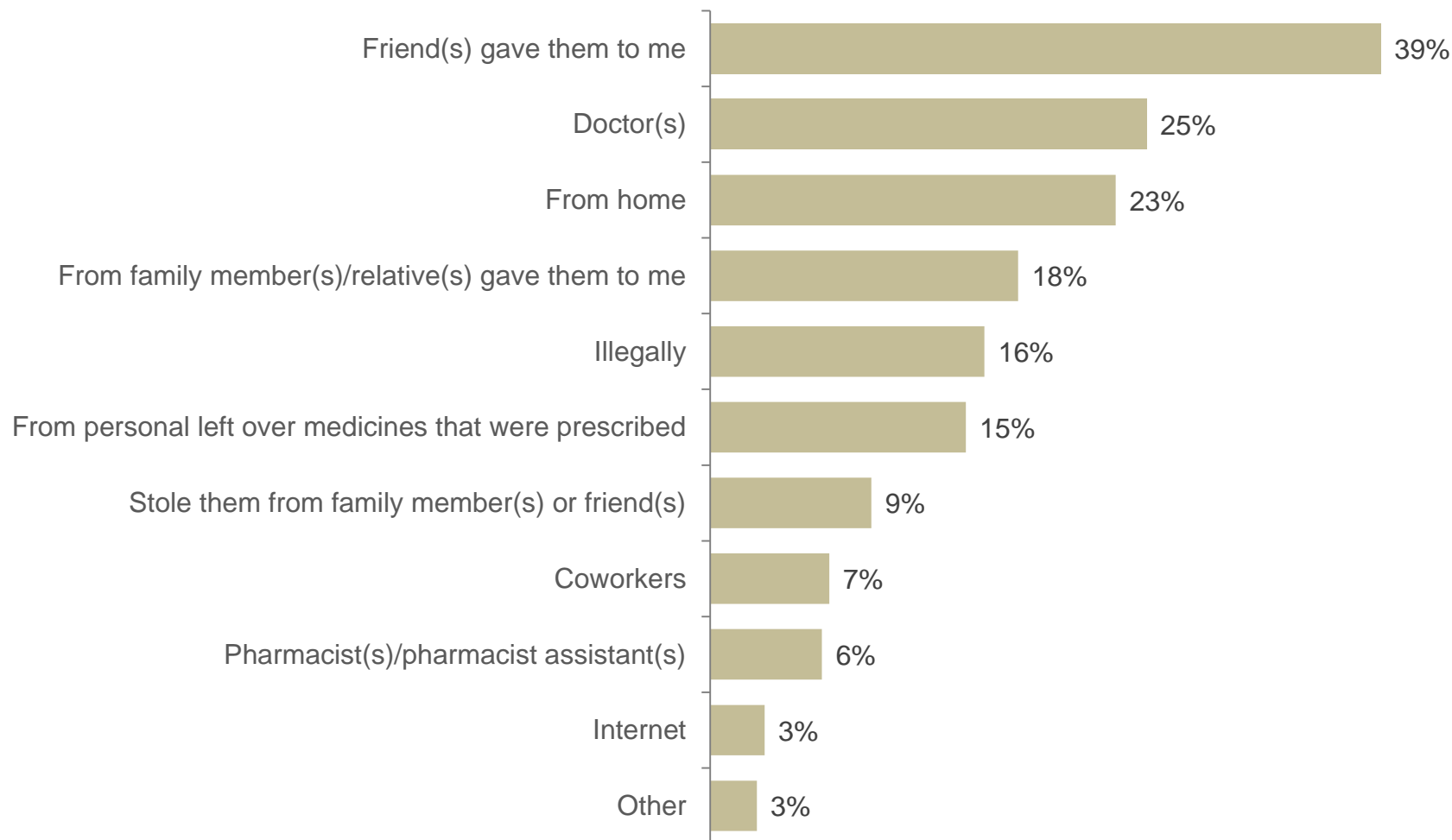


In what ways did your prescription medication misuse cause harm?



*Similar pattern for all demographics

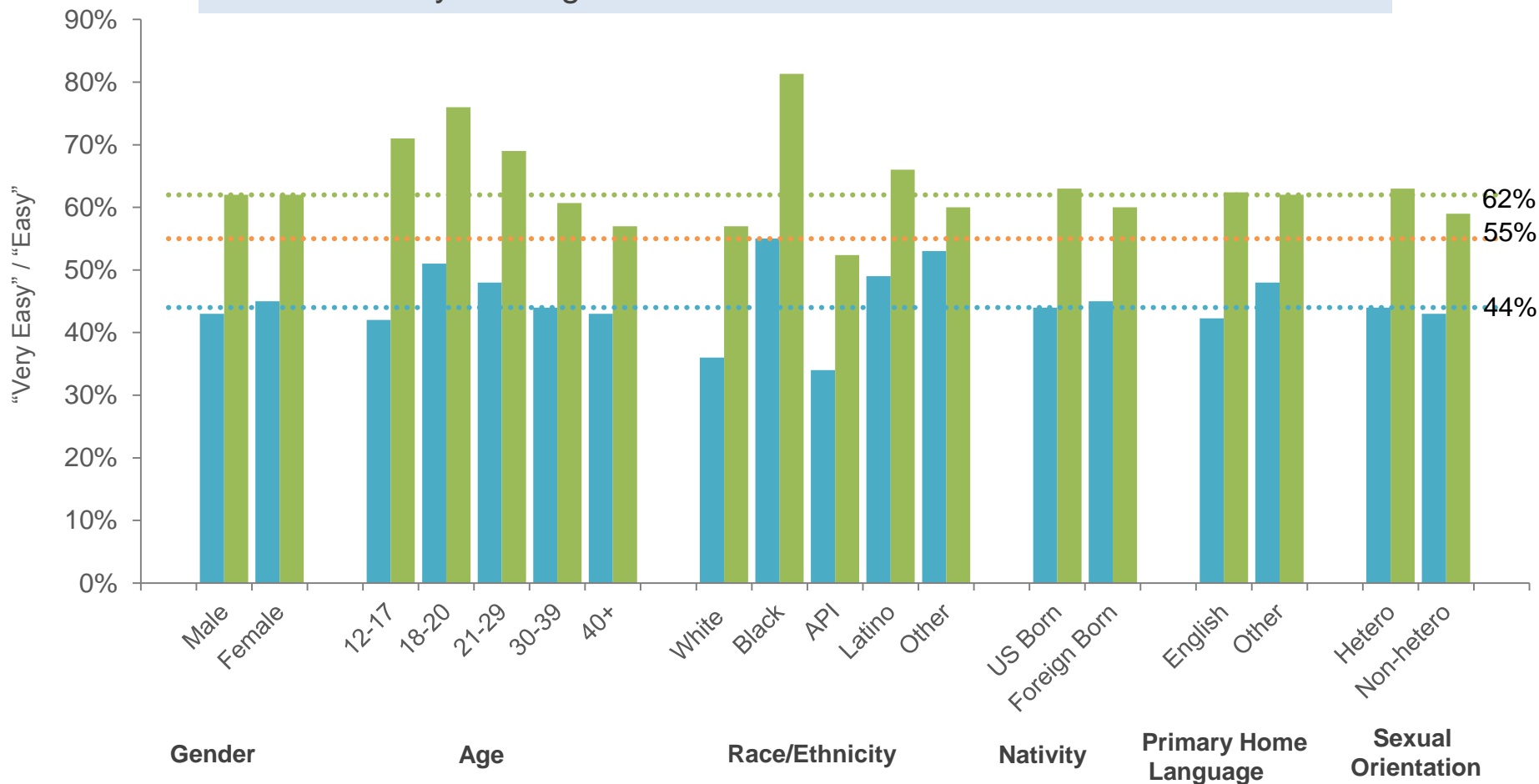
Where did/do you obtain prescription medications that you have misused?



Perceived Easy Access



How easy would it be for someone to get prescription medications on the street around your neighborhood?



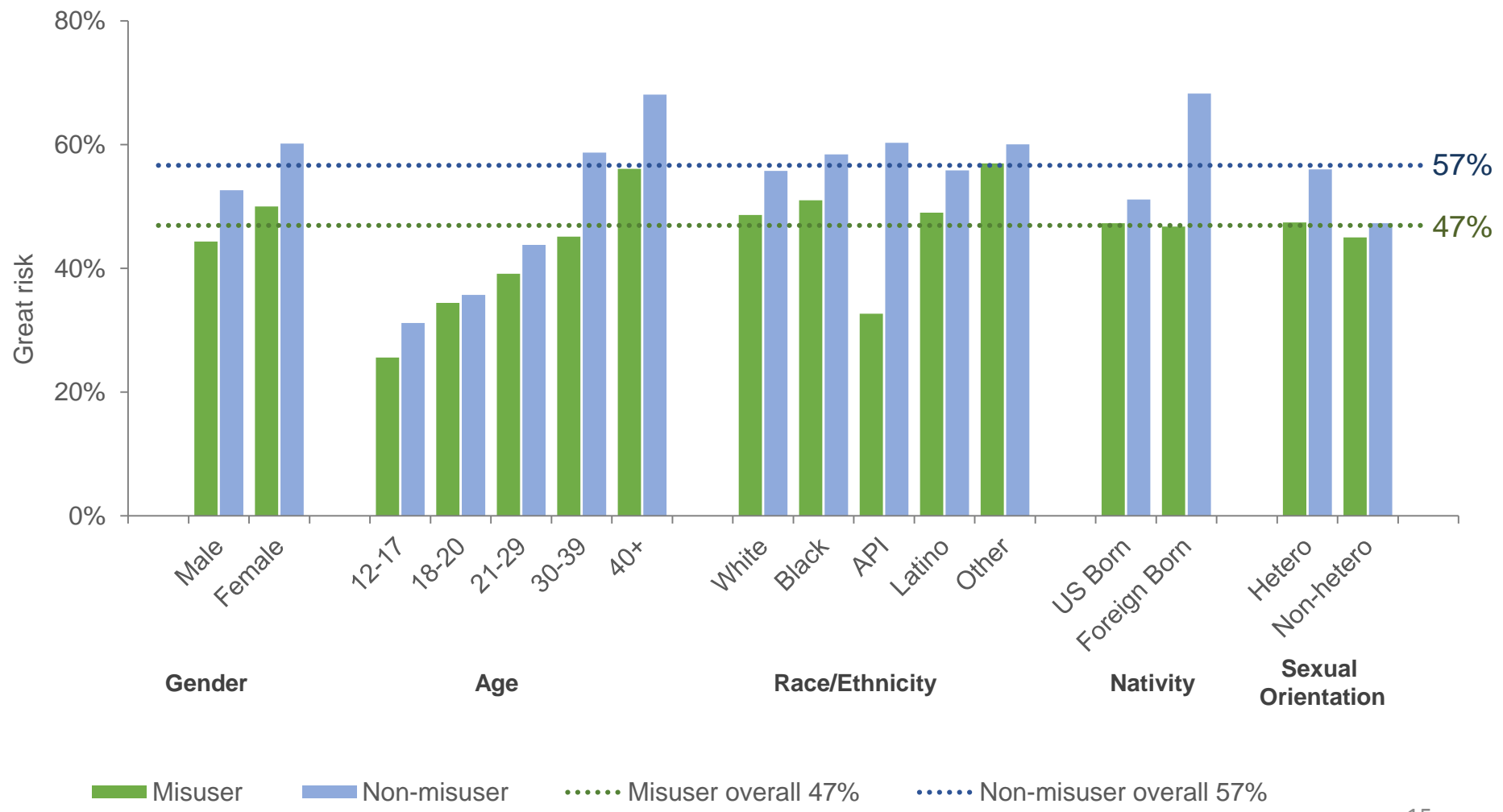
■ Non-misuser
 ■ Misuser
 ⋯ Misuser overall
 ⋯ Non-misuser overall
 ⋯ Self-access among misusers

LAC Overall 48%

Perceived Great Risk by Misuse



How much do you think **youth** risk harming themselves if they **occasionally** (about once a month) misuse prescription medications?

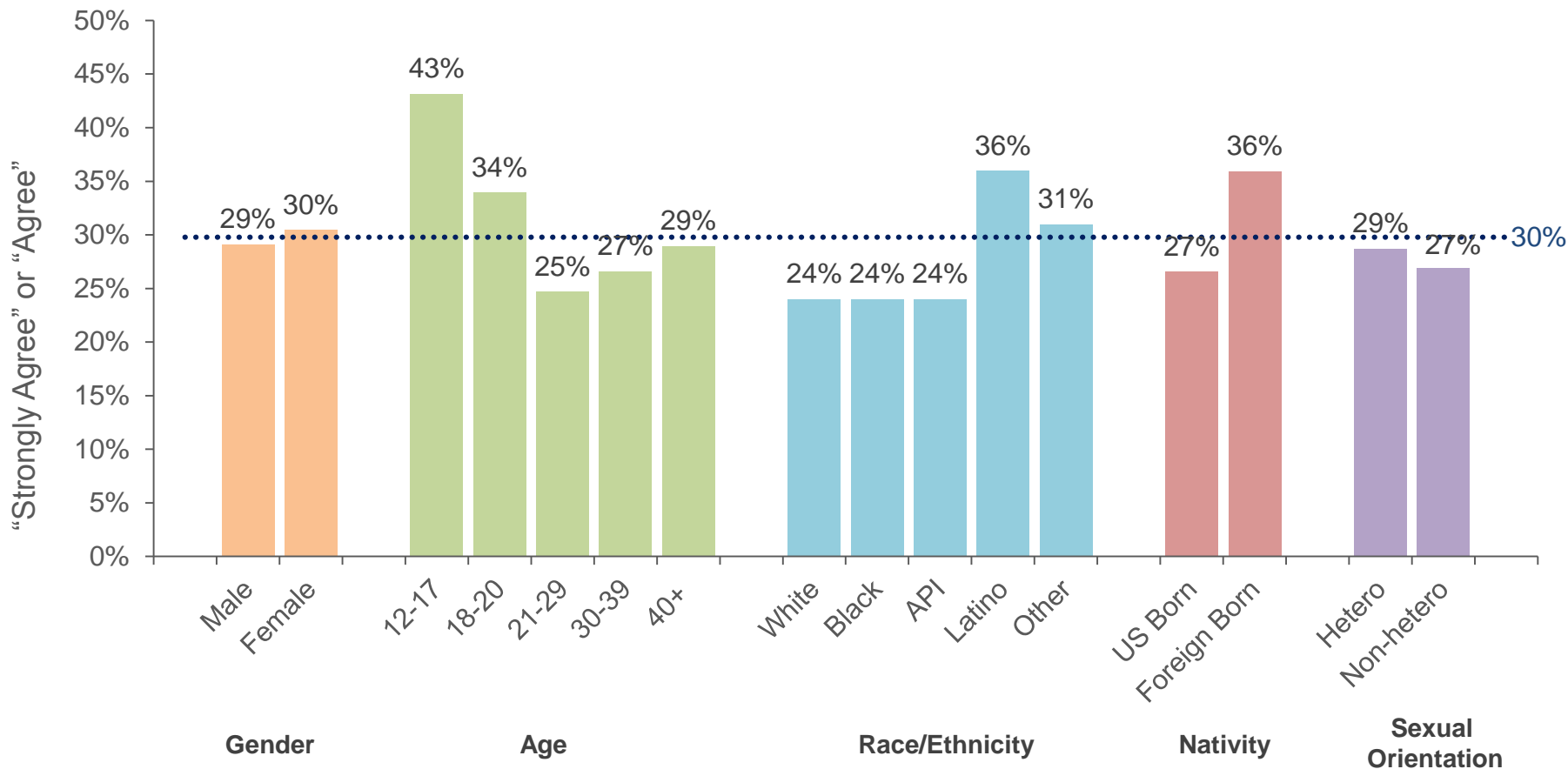


LAC Overall 55%

Perceived Harm (Rx vs. Illegal Drugs)



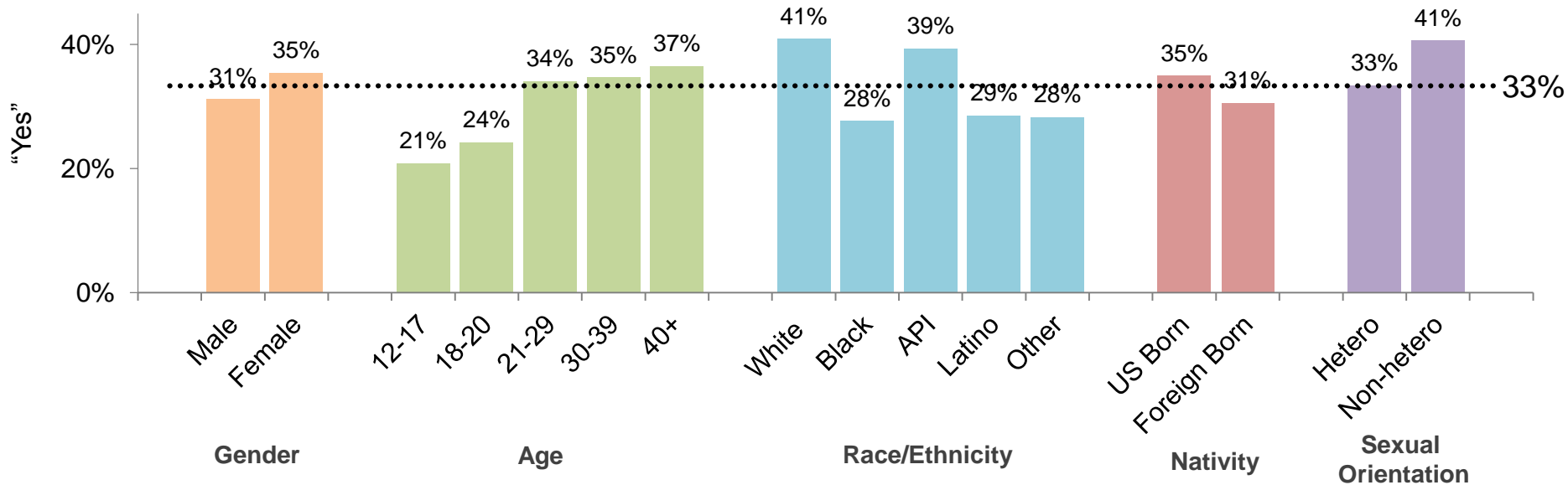
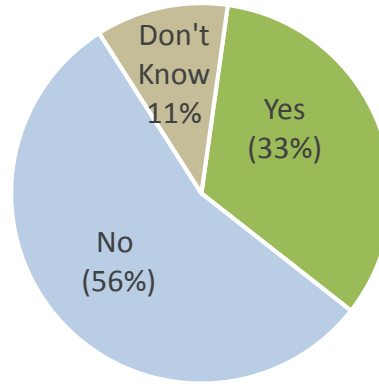
It is safer to use prescription medication to get high than illegal street drugs.



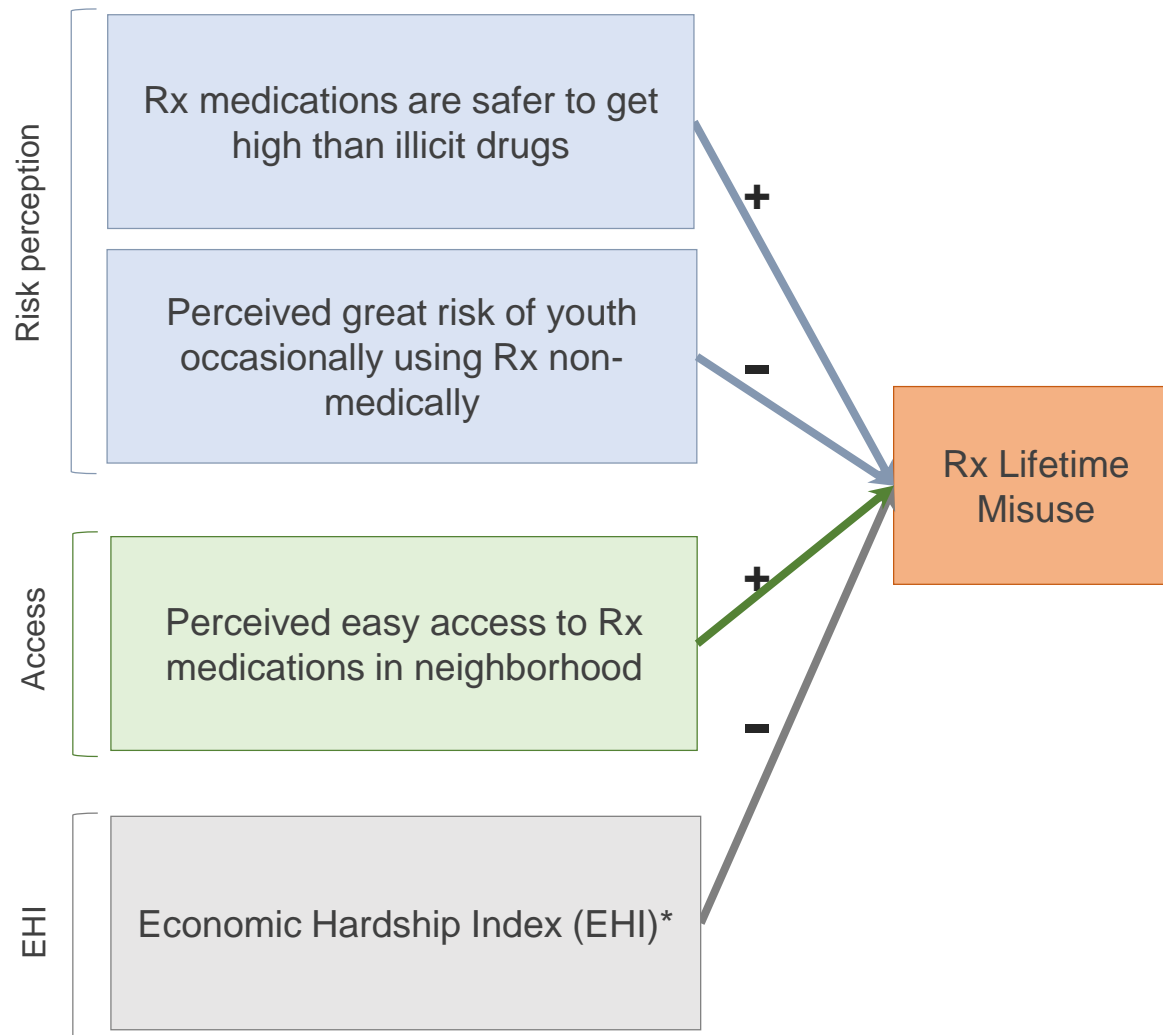
Unused/Expired Rx at Home



Do you currently have unused or expired (left-over) prescription medications where you live?



Perceived Risk, Access, EHI & Misuse



*EHI is a composite score of unemployment, dependency, education, income level, crowded housing, and poverty level based on zip code (N=6,413). A higher EHI value indicates greater economic hardship.



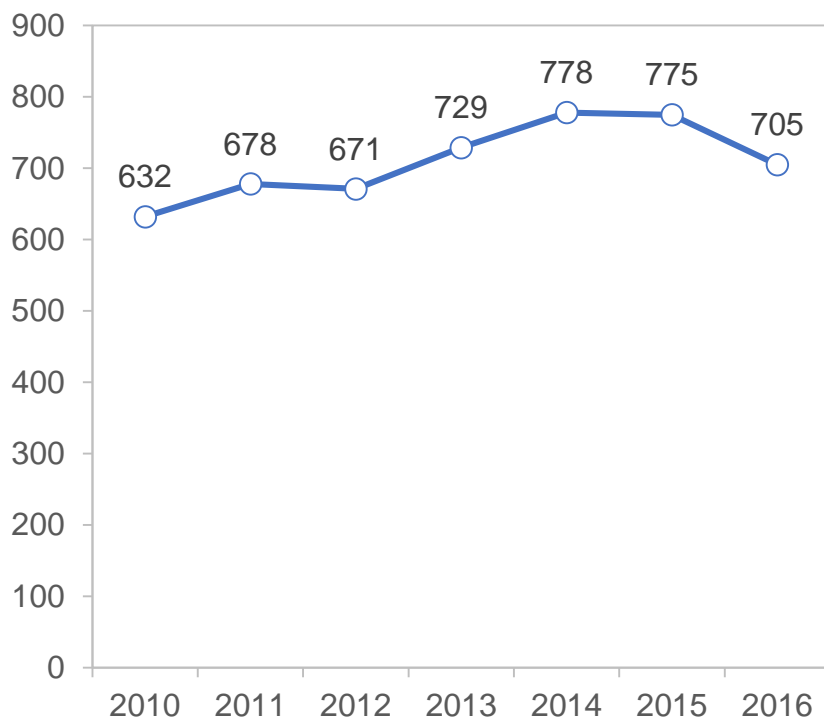
Consequences



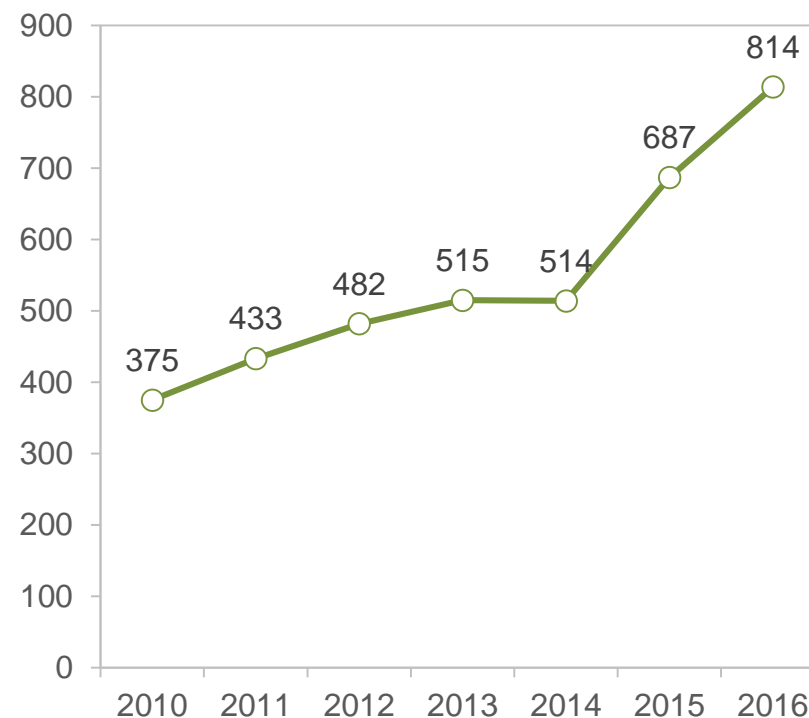
ED Visits (any mention)



Rx opioid **overdose**-related ED visits (any mention), LAC



Heroin **overdose**-related ED visits (any mention), LAC



Any mention: Includes records listing Rx opioid/heroin **poisoning** as a diagnosis or an external cause of injury.

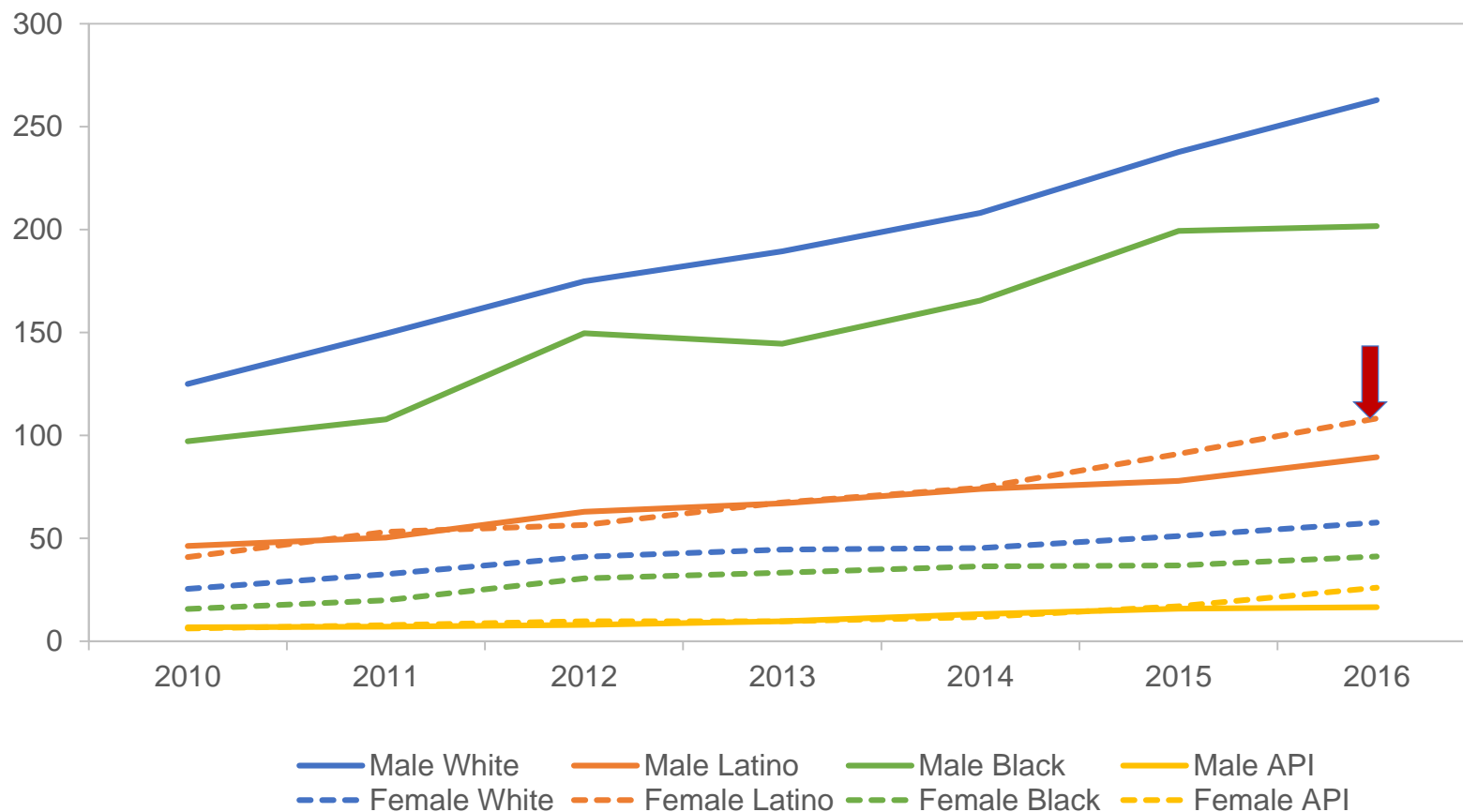
Rx opioids: All opioids excluding heroin.

Source: Office of Statewide Healthcare Planning and Development. Emergency department and inpatient discharge data. California Department of Public Health.

ED Visits (any mention)



Rate of opioid-related ED visits (any mention) by race/ethnicity and gender, LAC



Rates per 100,000 population. API: Asian or Pacific Islander

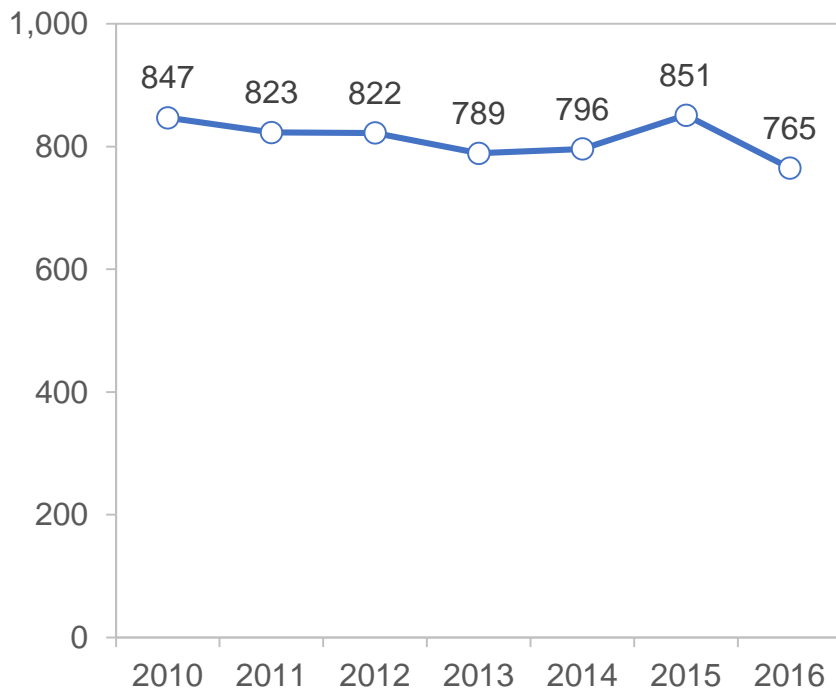
Any mention: Includes records listing **opioid abuse, dependence, or poisoning** as a diagnosis or an external cause of injury.

Source: Office of Statewide Healthcare Planning and Development. Emergency department and inpatient discharge data. California Department of Public Health.

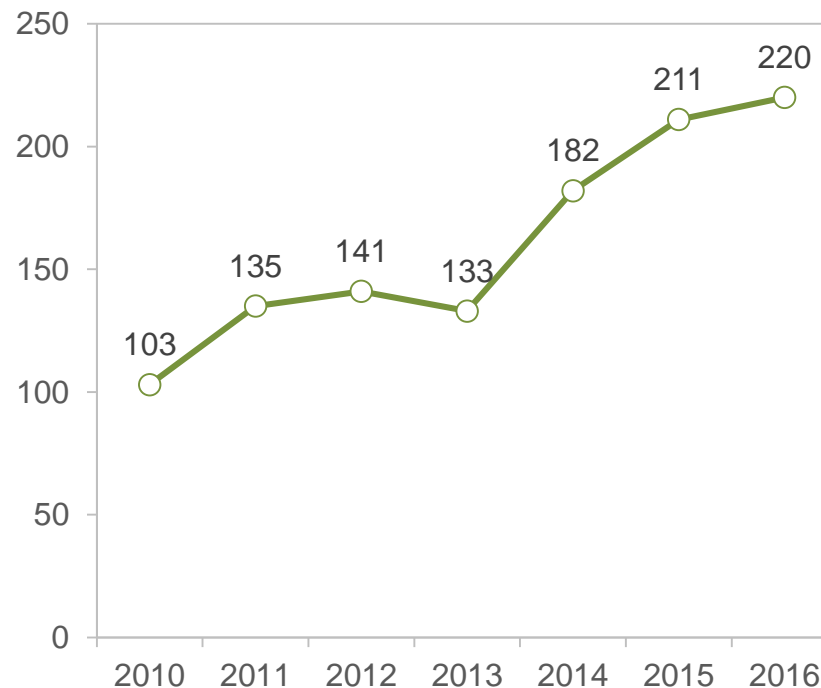
Hospitalizations (any mention)



Rx opioid **overdose**-related hospitalizations (any mention), LAC



Heroin **overdose**-related hospitalizations (any mention), LAC



Any mention: Includes records listing Rx opioid/heroin **poisoning** as a diagnosis or an external cause of injury.

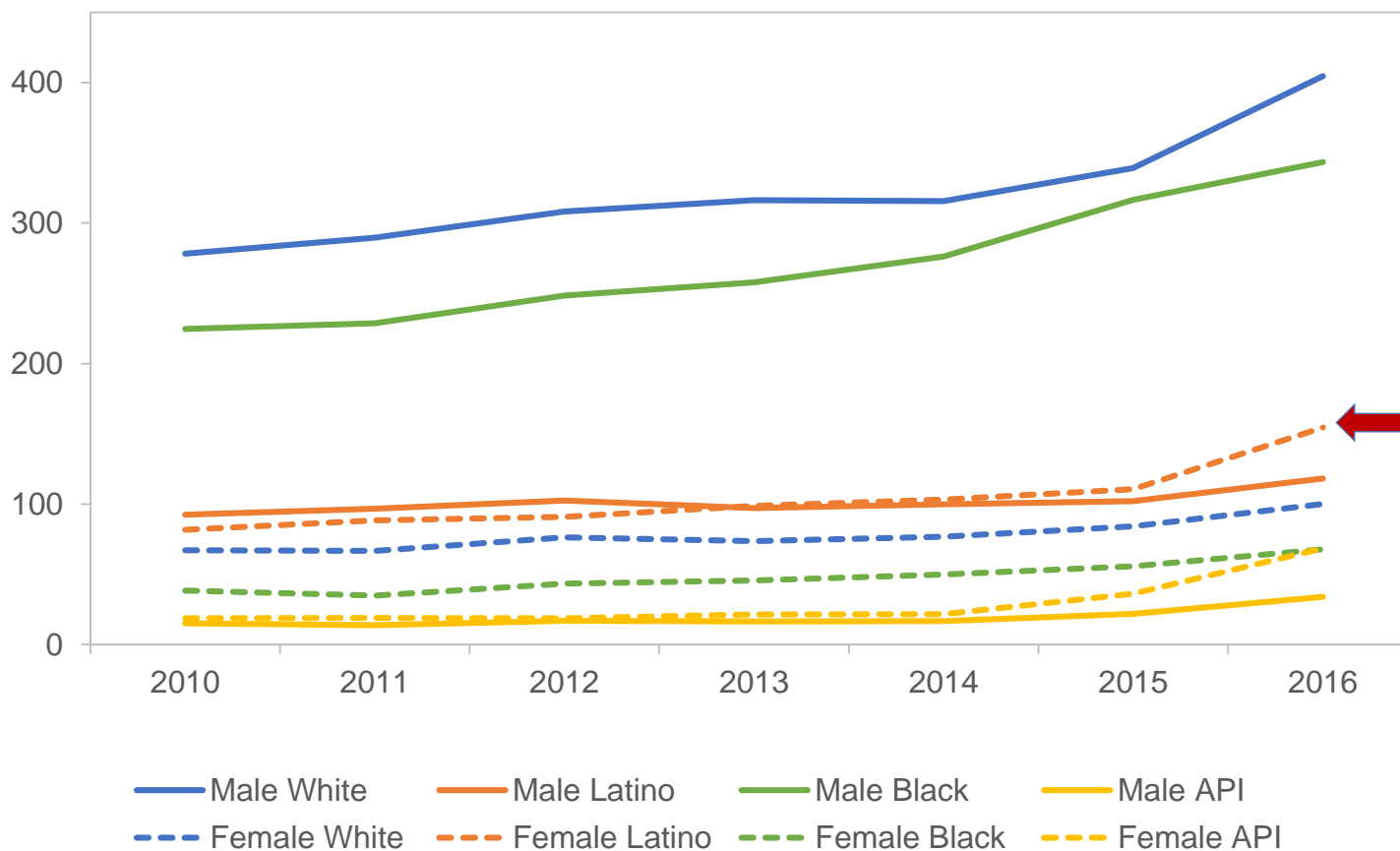
Rx opioids: All opioids excluding heroin.

Source: Office of Statewide Healthcare Planning and Development. Emergency department and inpatient discharge data. California Department of Public Health.

Hospitalizations (any mention)



Rate of opioid-related hospitalizations (any mention) by race/ethnicity and gender, LAC



Rates per 100,000 population. API: Asian or Pacific Islander.

Opioids: All opioids, including both prescription opioids and heroin

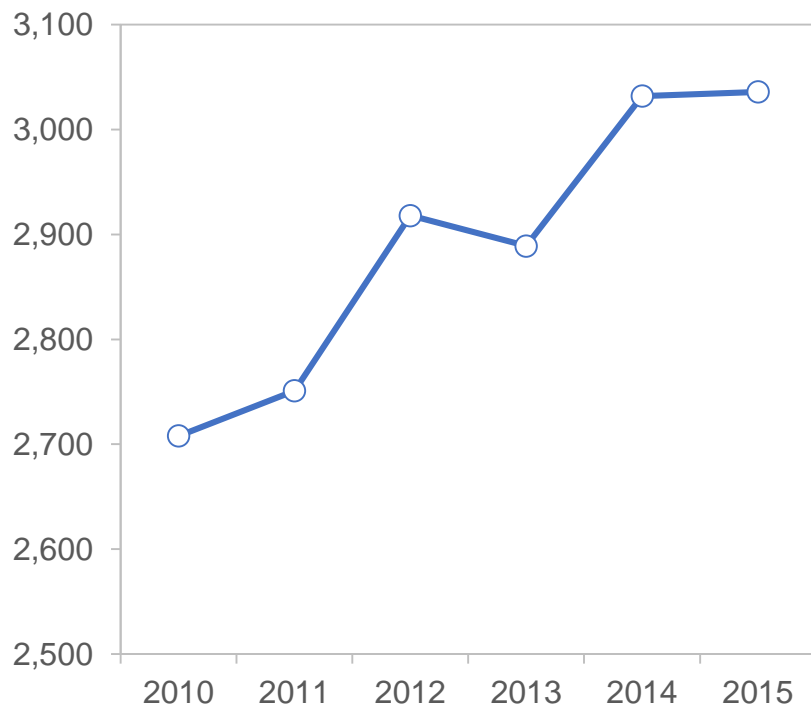
Any mention: Includes records listing opioid abuse, dependence, or poisoning as a diagnosis or an external cause of injury.

Source: Office of Statewide Healthcare Planning and Development. Emergency department and inpatient discharge data. California Department of Public Health.

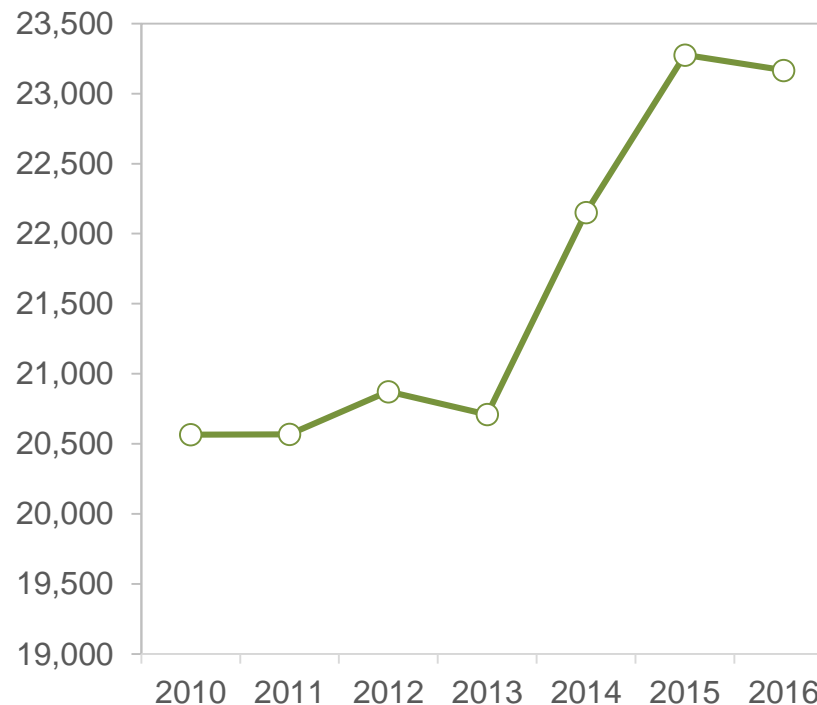
Treatment (primary drug)



Primary Rx opioid treatment admissions to publicly funded SUD programs, LAC



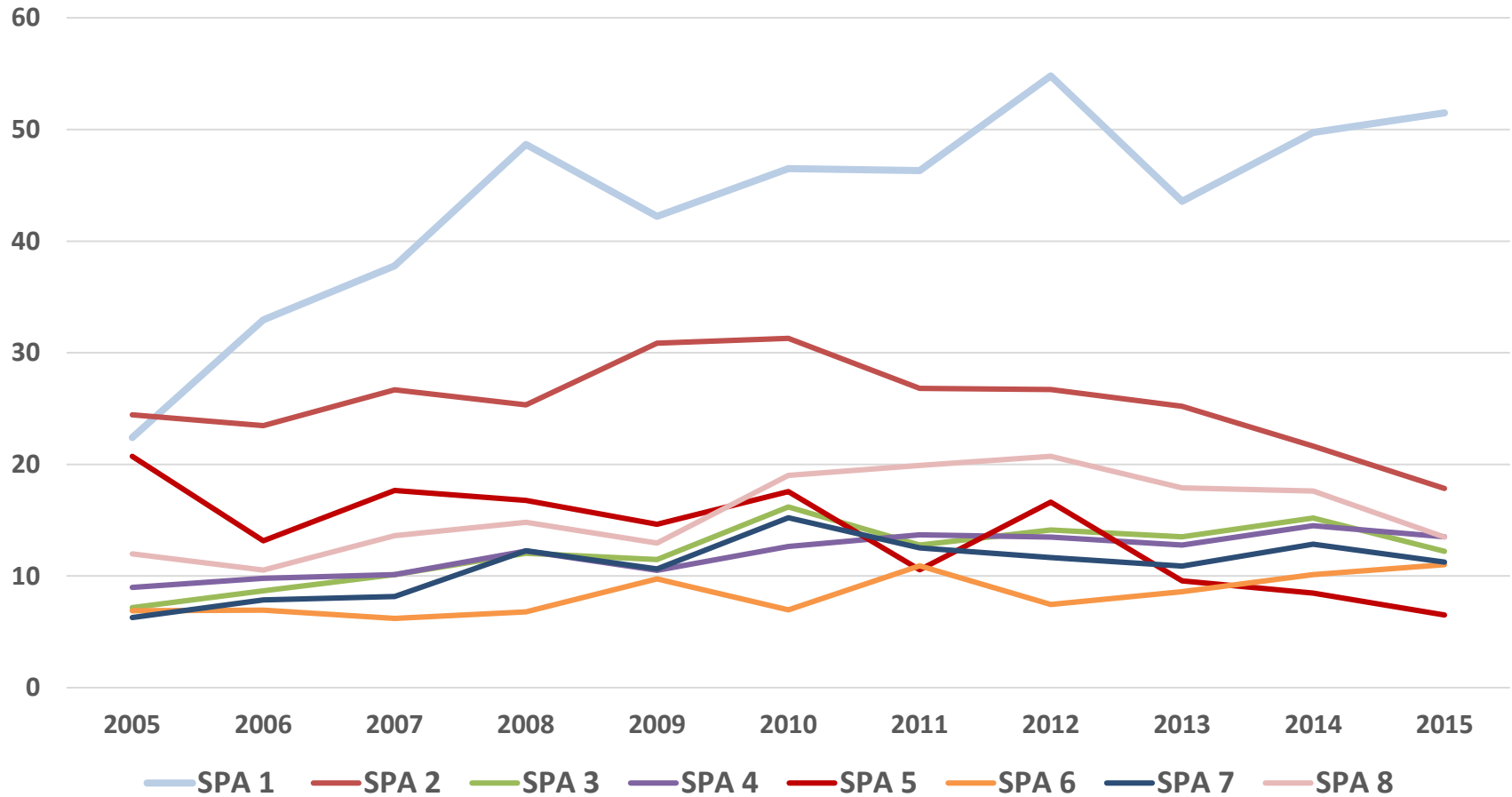
Primary heroin treatment admissions to publicly funded SUD programs, LAC



Primary: Client reported primary drug problem at admission

Source: Los Angeles County Participant Reporting System. Substance Abuse Control and Prevention. Los Angeles County Department of Public Health.

Rate of Primary non-Heroin Opioid Treatment Admissions



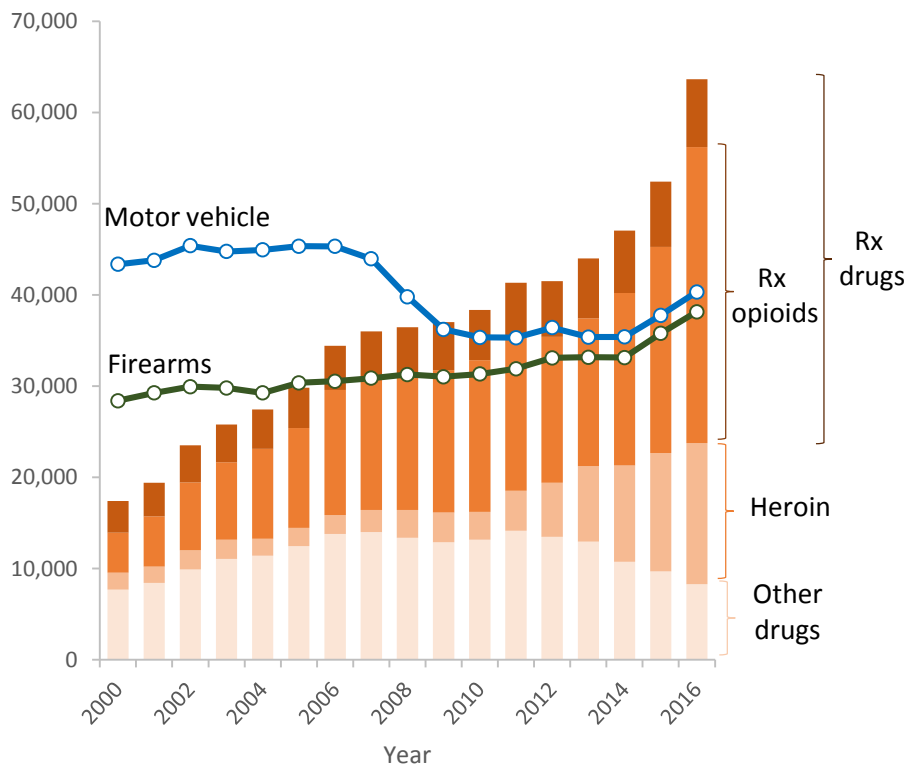
Source: Los Angeles County Participant Reporting System. Substance Abuse Prevention and Control. Los Angeles County Department of Public Health

Drug Overdose Death

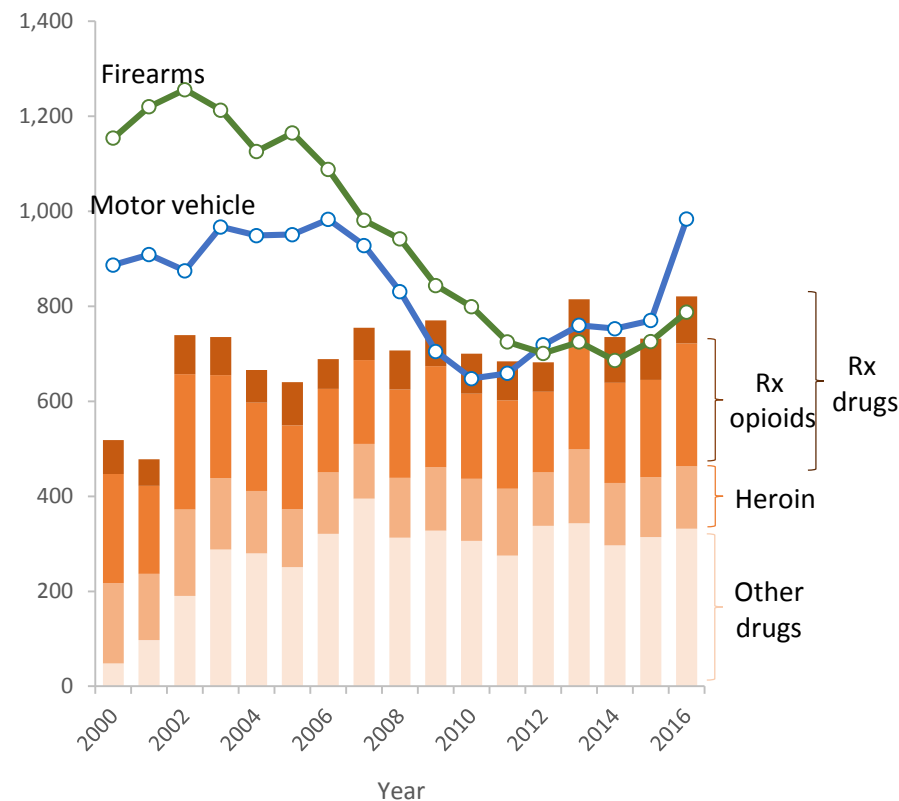


Drug overdose, motor vehicle, and firearms deaths, US and LAC

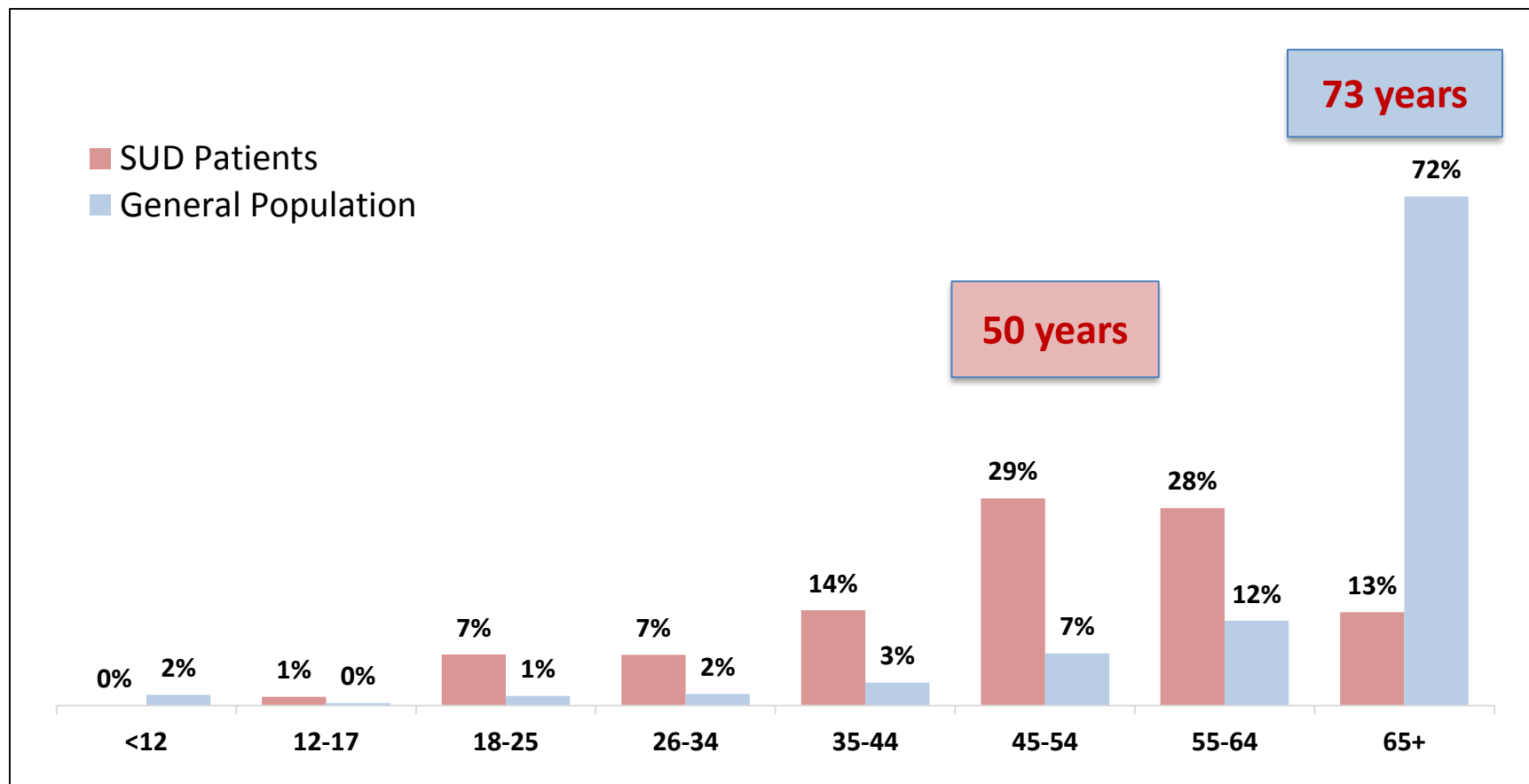
United States



Los Angeles County



Age at Death, 2004-2014 (N=9,460)





PPSDS

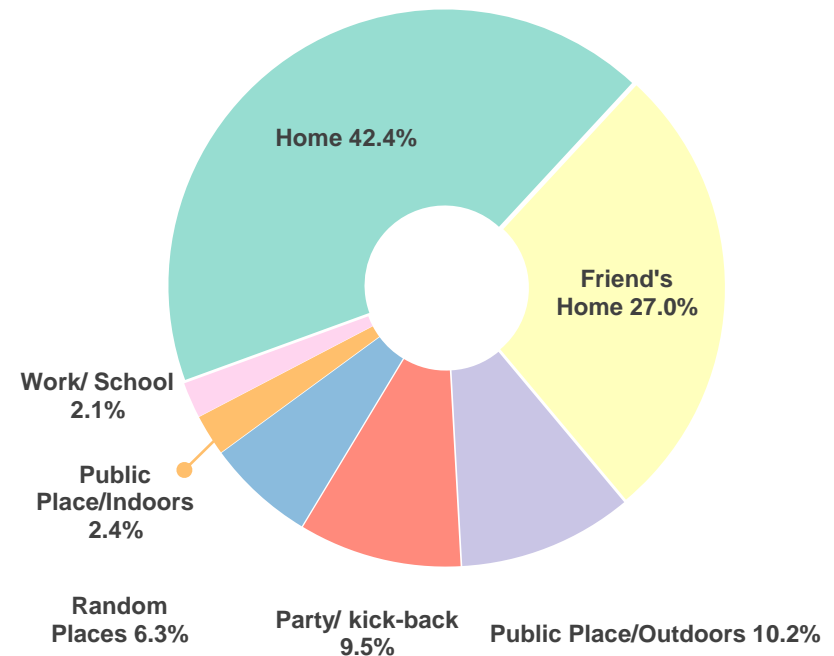


Cannabis Smoking in Public Places Initiative

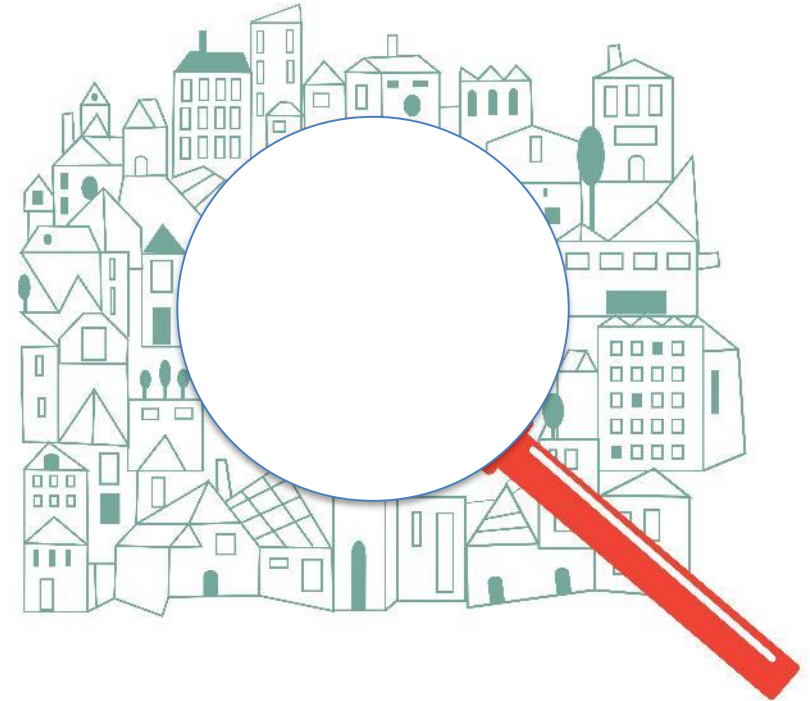


MARIJUANA SMOKING IS PROHIBITED IN ALL PUBLIC PLACES

Prop 64: The Adult Use of Marijuana Act 2016
Marijuana smoking is not permitted where tobacco smoking is prohibited or in any public place
[Health & Safety Code Section 11362.79]



Last Place of Marijuana Use



Broadening the focus on **individuals and families** to the **environments** in which they live

Spectrum of Prevention

1
Support self-efficacy, knowledge & skill acquisition for individuals

2
Promote Healthy Communities

3
Educate providers

4
Foster Coalitions & Networks

5
Change Organizational Practices & Community Norms

6
Influence Policy Legislation

