

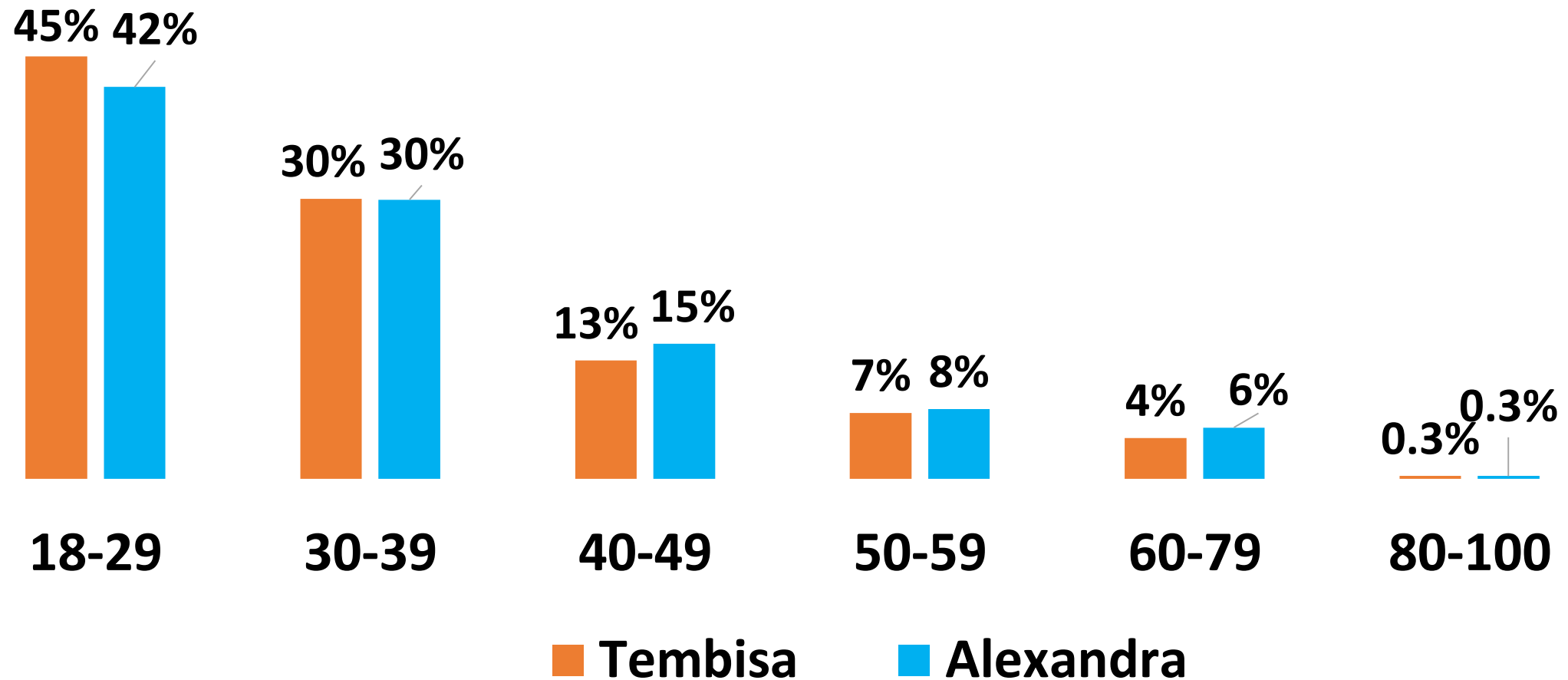
South Africa Adult Survey Results & Harm Baseline

Ted Miller, HBSA, March 2019

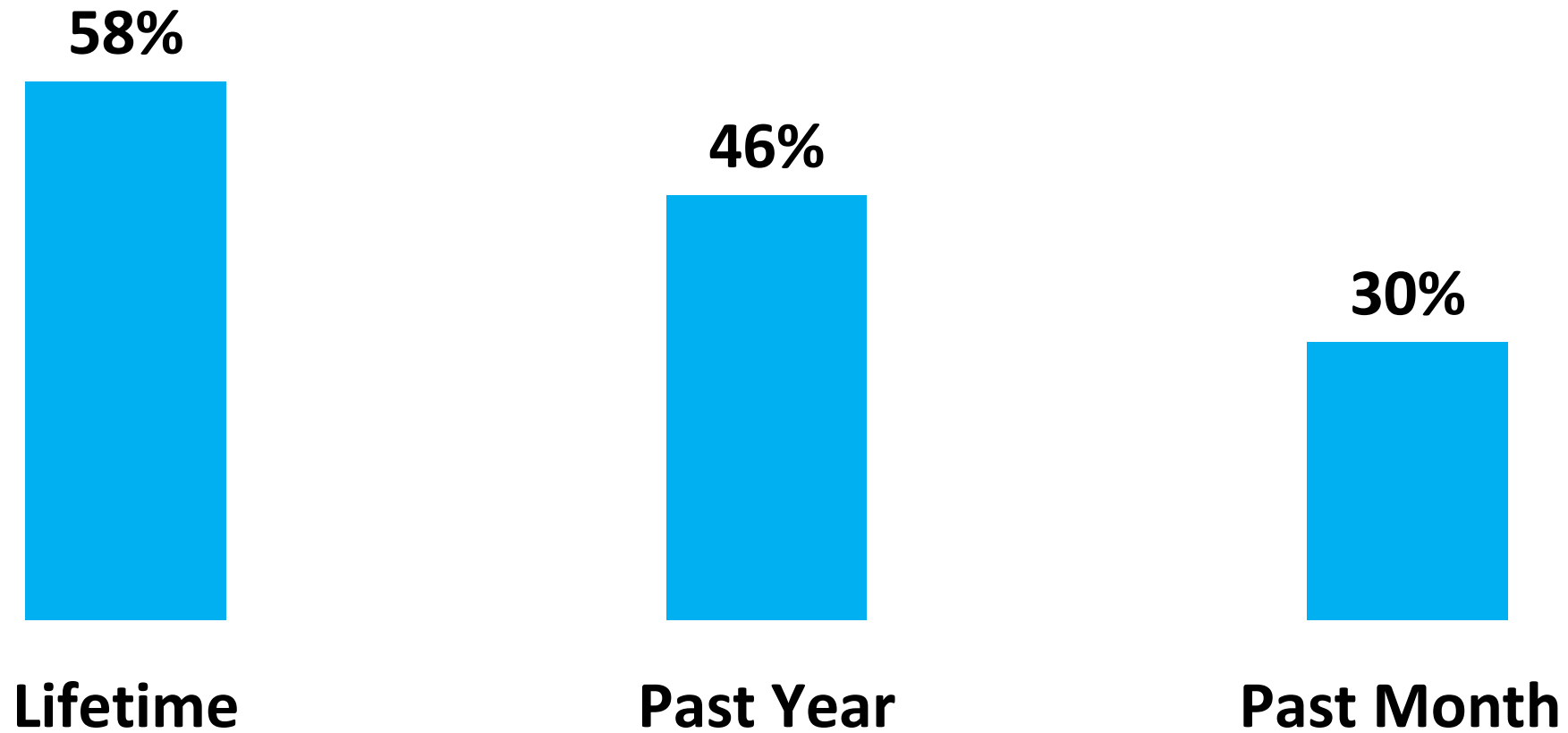
Survey Methods

- 2 townships surveyed, Tembisa and Alexandra
 - N = 1483 respondents, Alexandra
 - N = 1701 respondents, Tembisa
- A quota sample so respondents match the 2011 census distribution by gender, age category, employment status & dwelling type (formal, formal backyard, informal)
- Survey instruments in English, IsiZulu, & Northern Sotho ; sometimes switched mid-interview
- Enumerators trained on consistent translations of key terms in other popular languages including IsiXhosa & Venda

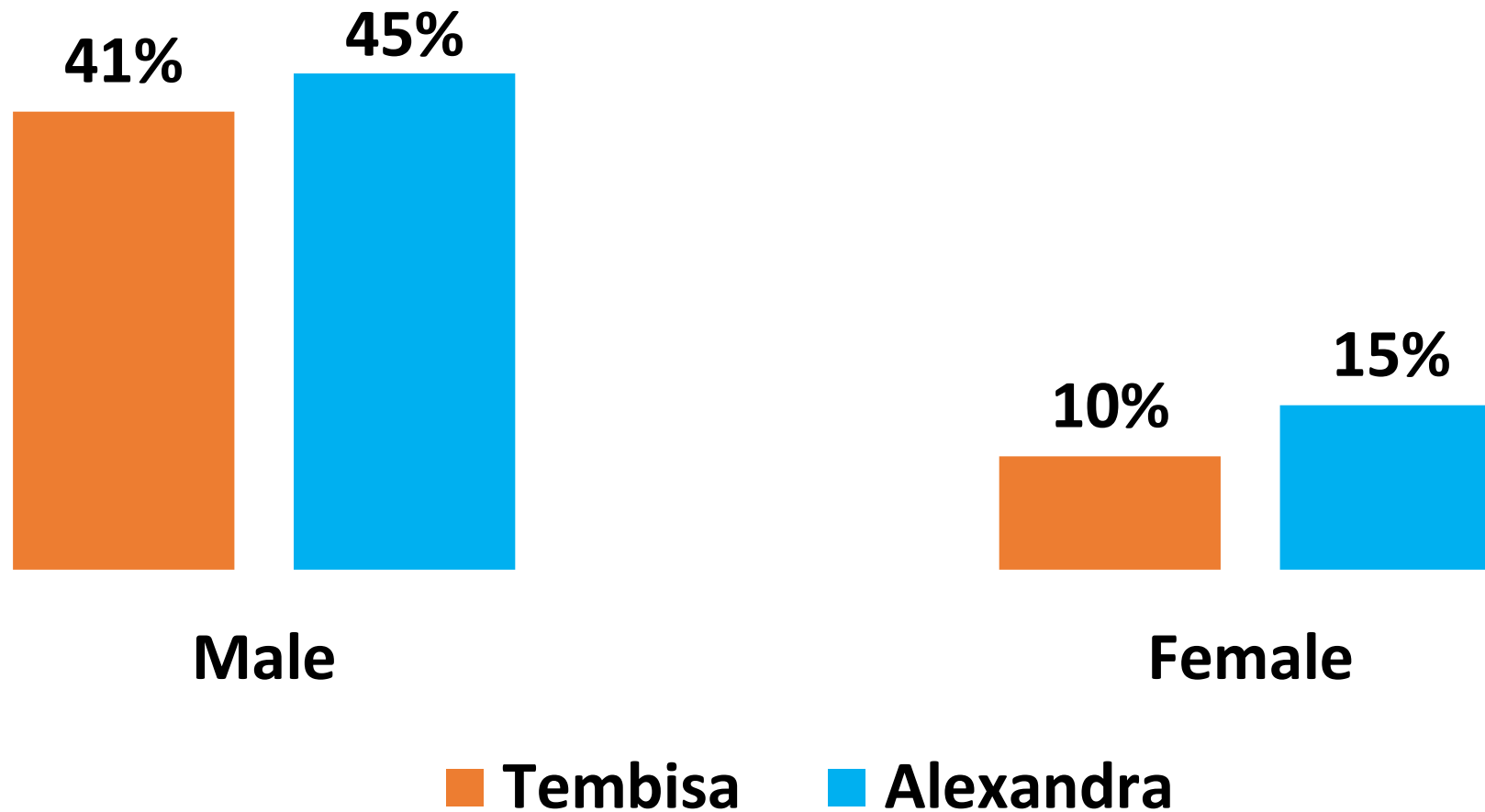
Respondents by age group



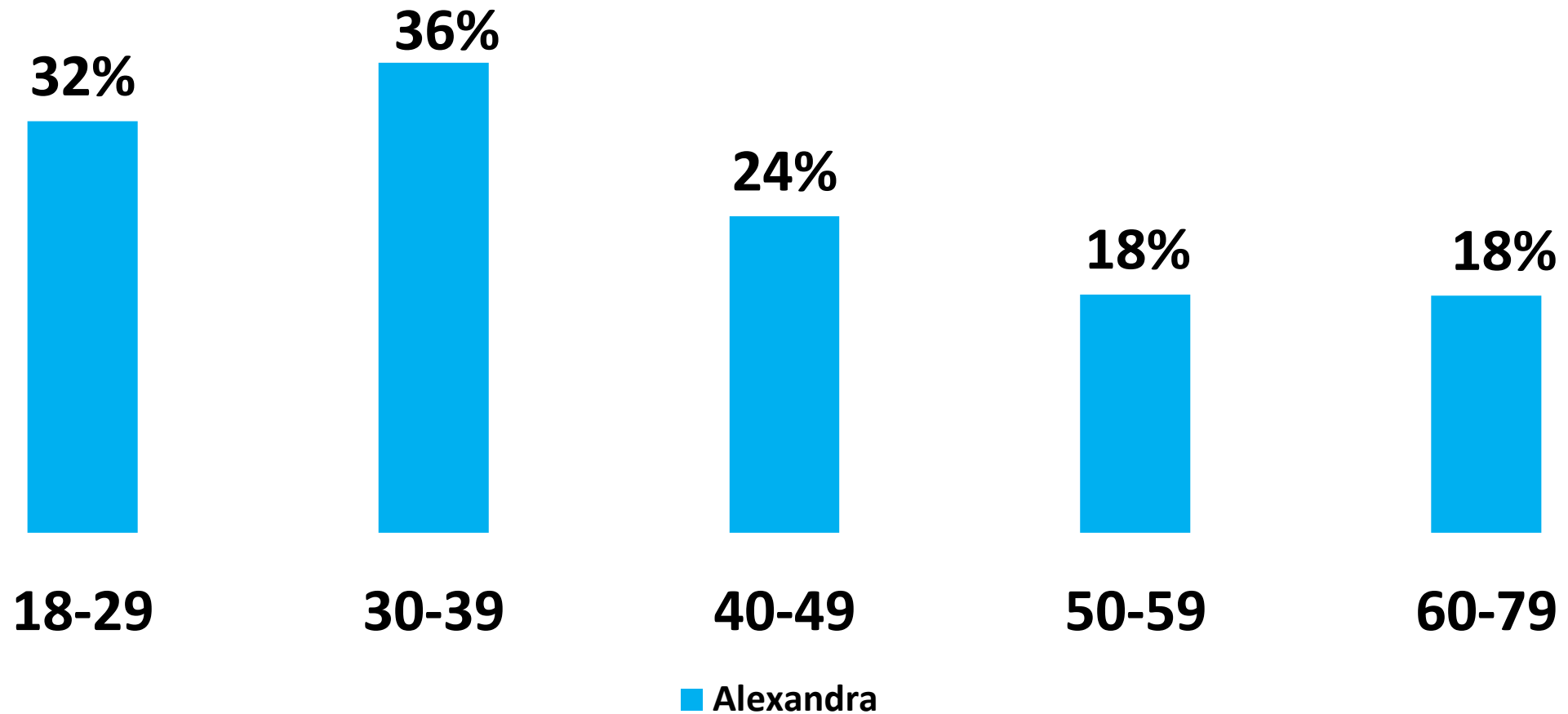
Alcohol Use in Alexandra



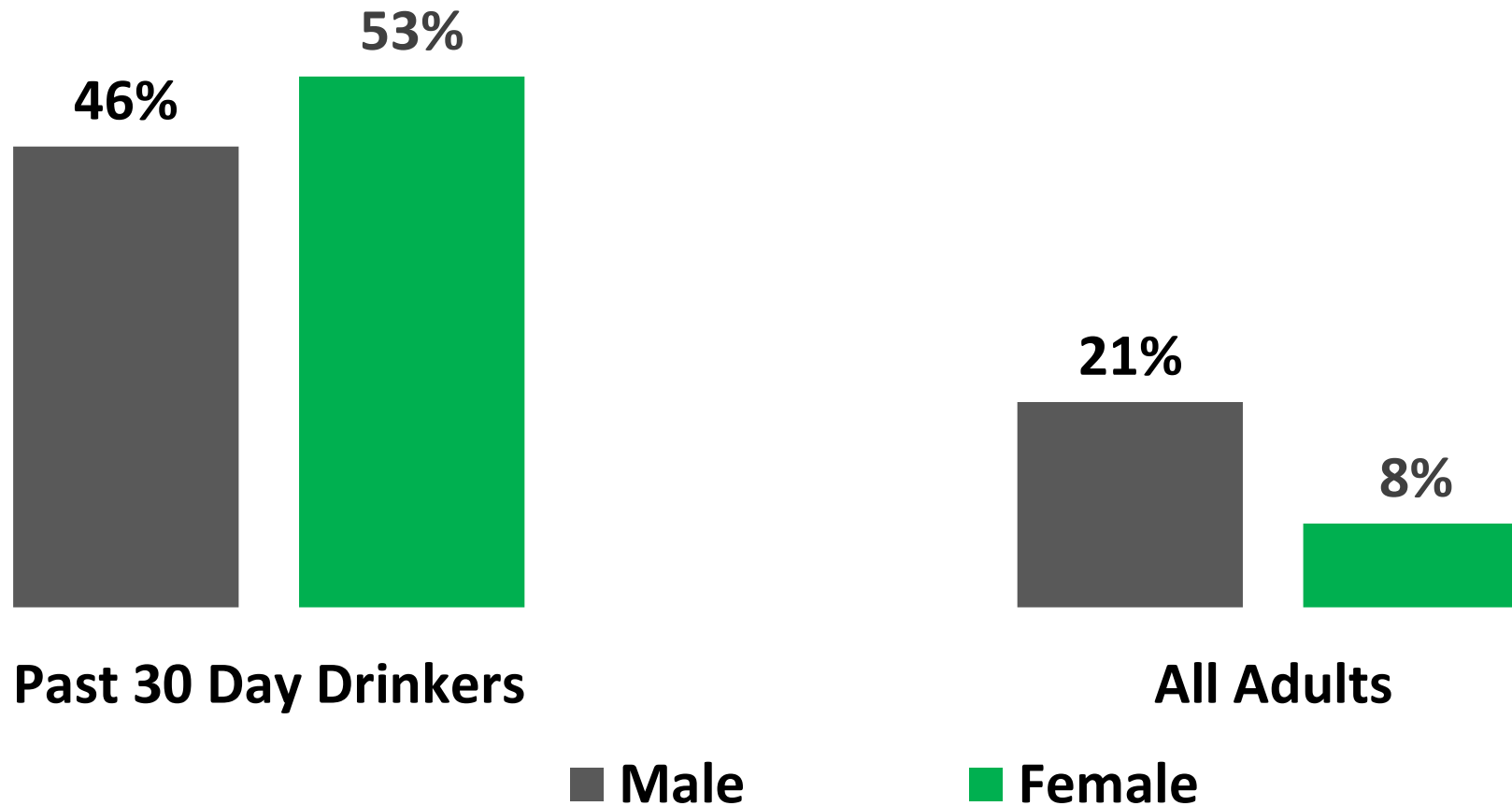
Past-month alcohol use by gender



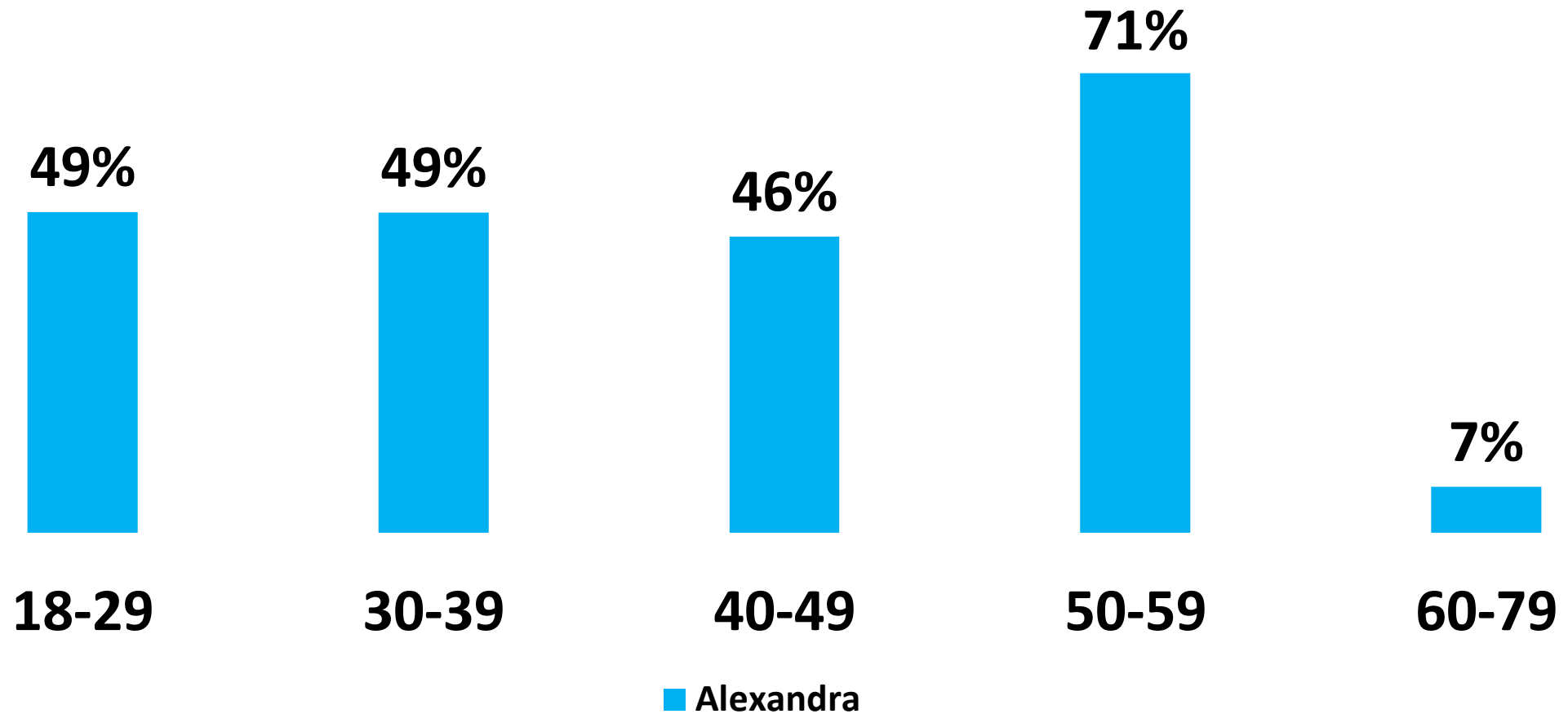
Past-month alcohol use by age group



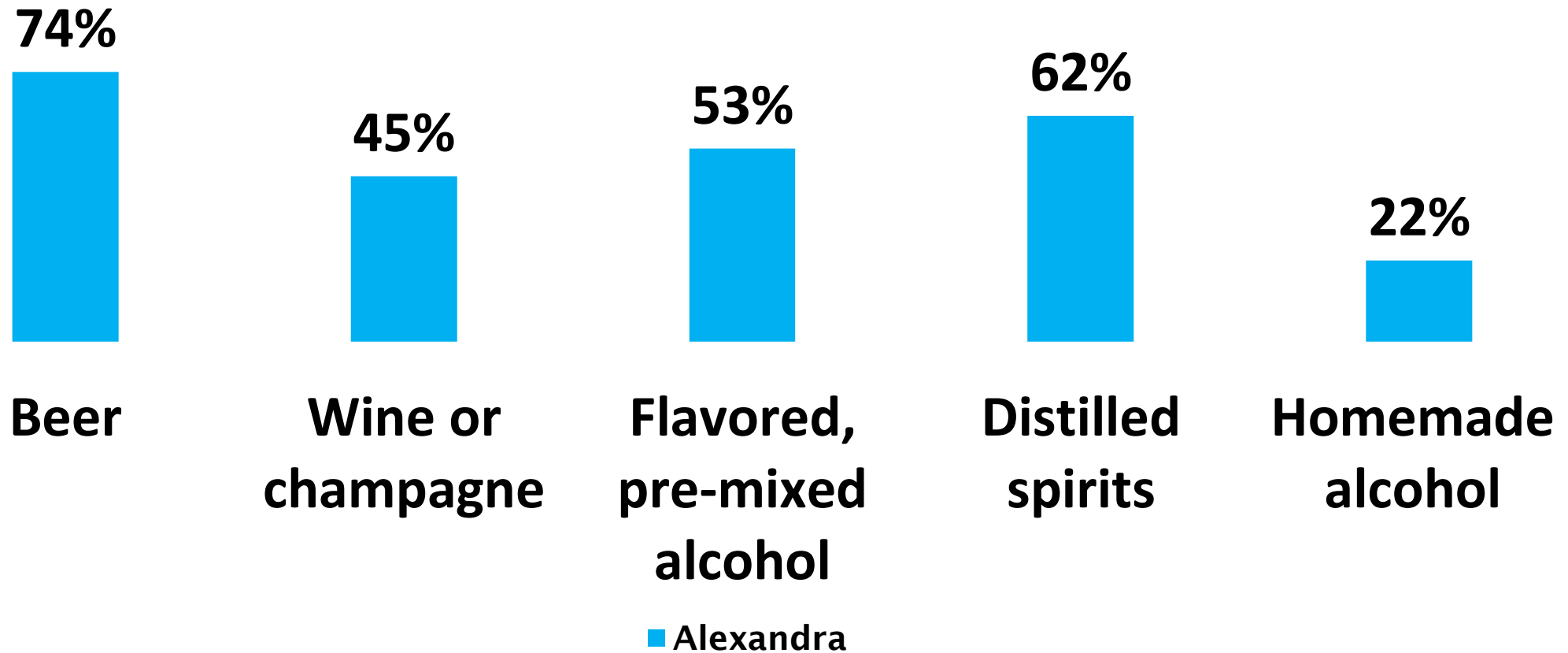
**Excessive alcohol consumption (5+ drinks in a 2 hour period)
at any time in the past 30 days by gender
(% of those who drank in the past 30 days)**



Excessive alcohol consumption at any time in the past 30 days by age (% of adults who drank in the past 30 days)



Types of alcohol consumed by those who drank in the past 30 days



No-Alcohol Beer (NAB)

- **10% of drinkers also drank NAB**
- **People typically drink NAB and beer with alcohol on the same days**

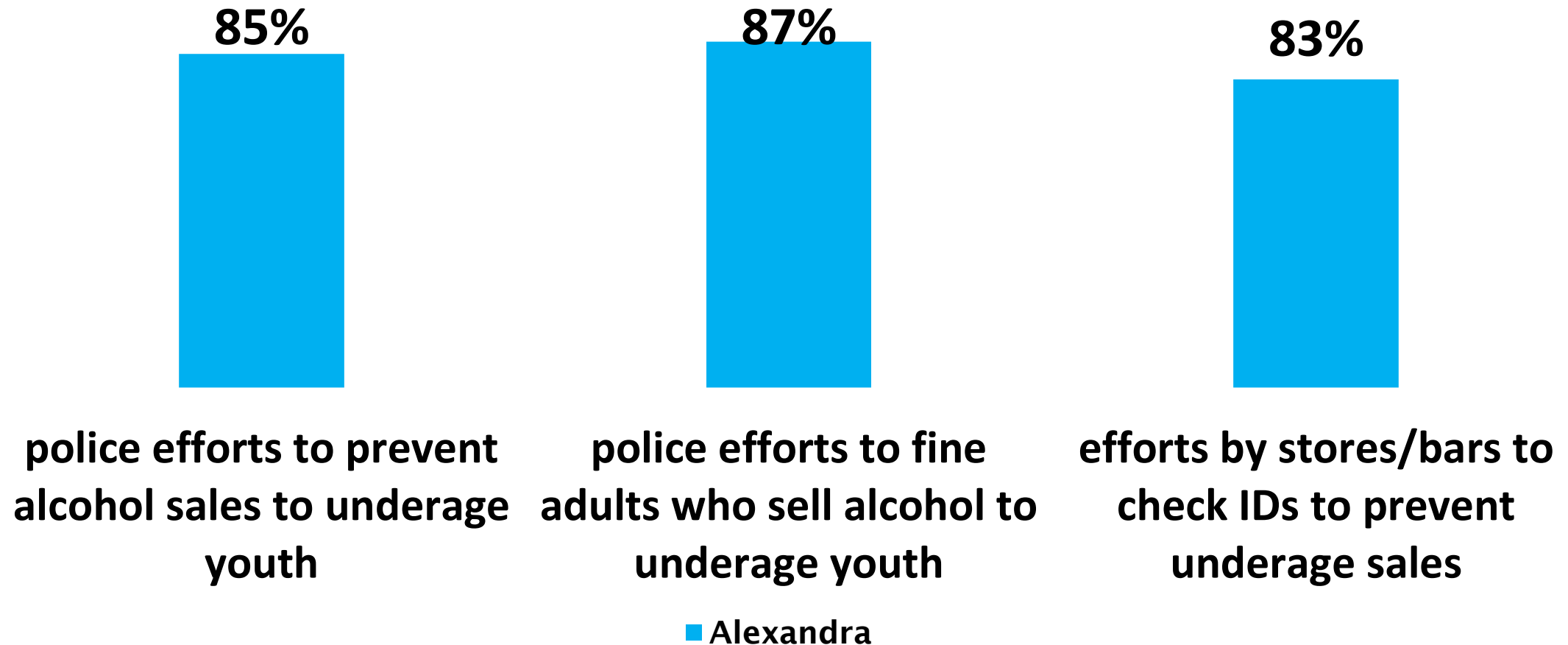
Screening & Brief Intervention (SBI)

- In the past 12 months, only 43% of respondents talked about their health with a doctor, nurse or other health care worker. That limits how many people SBI can reach.
- 12% of those who saw a health care worker were asked about their drinking. 60% of those who were asked were advised to stop or cut back. This probably includes pregnant women and people prescribed medications that should not be mixed with alcohol.

Parental Role in Youth Drinking

- **10% approve of having your child buy alcohol for you, and 5% neither approve nor disapprove**
- **7% gave a child alcohol in the past year**

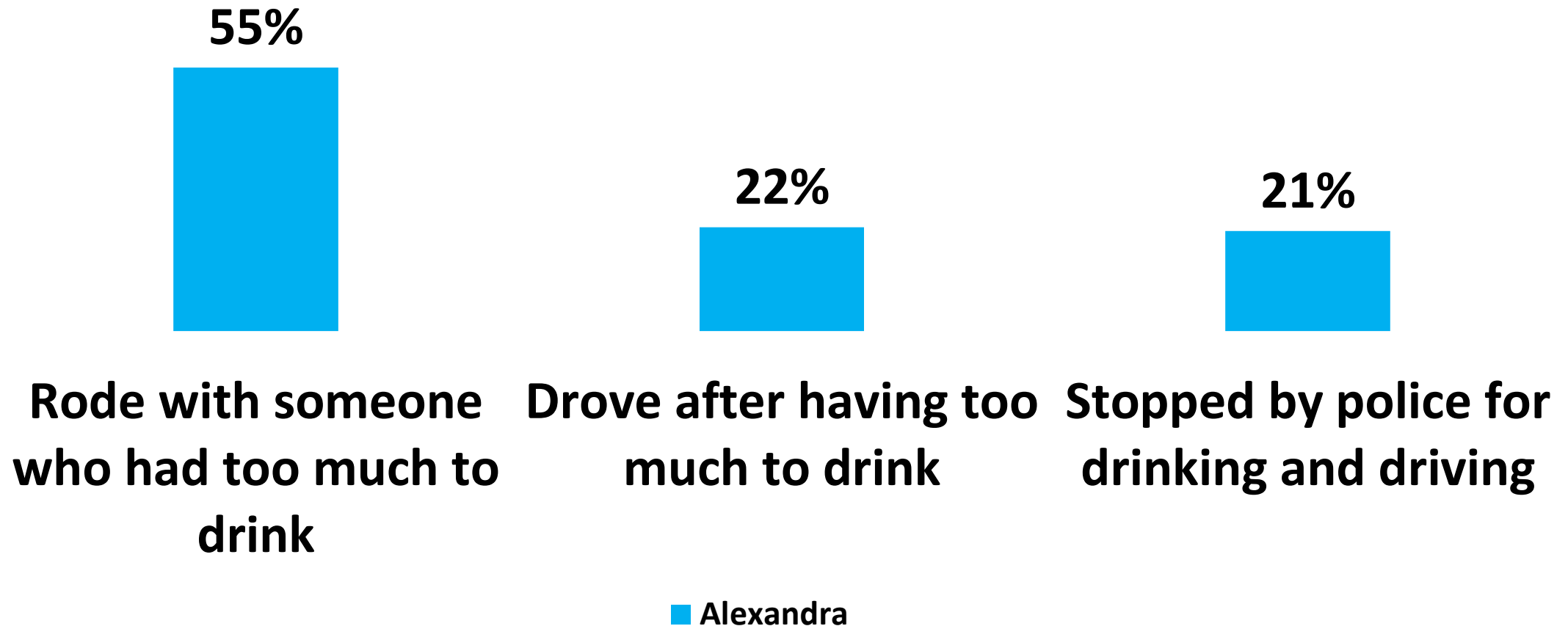
Adult approval for increasing:



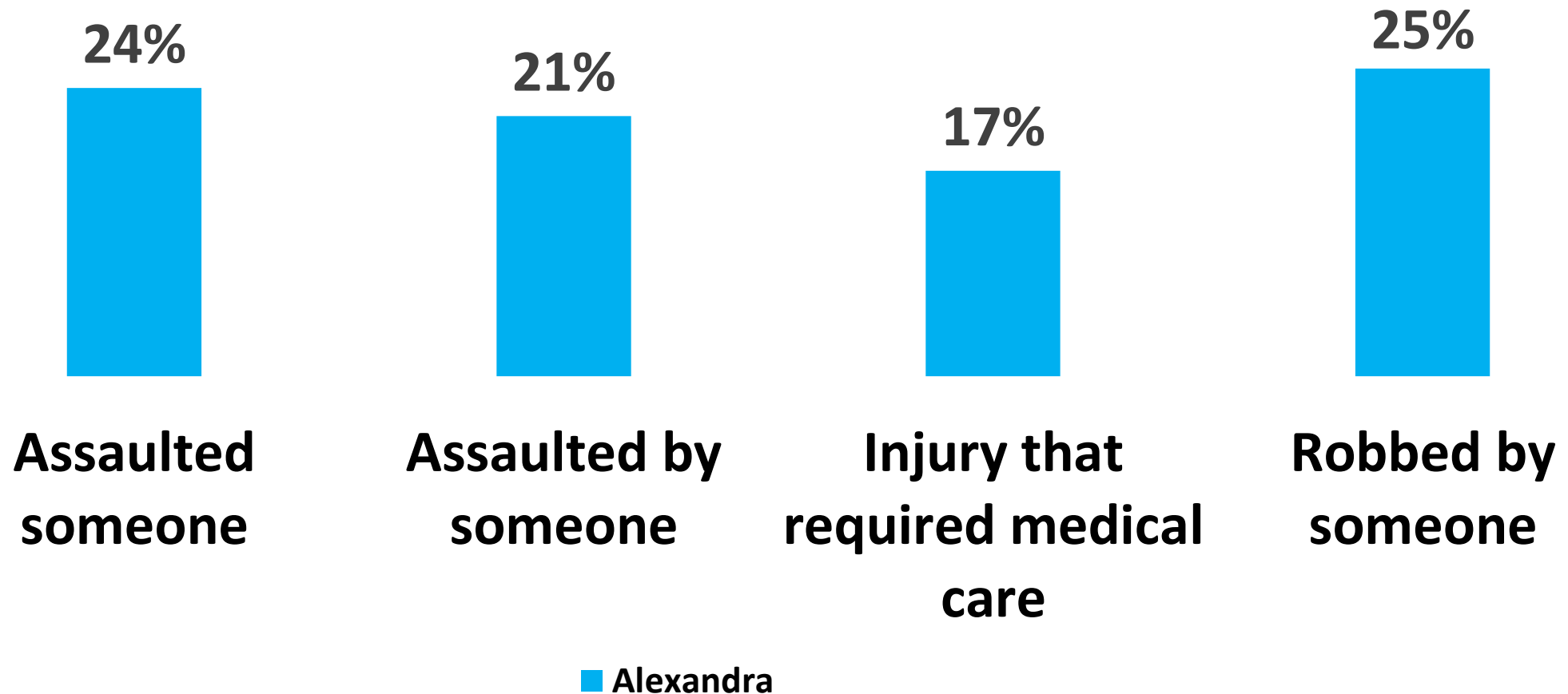
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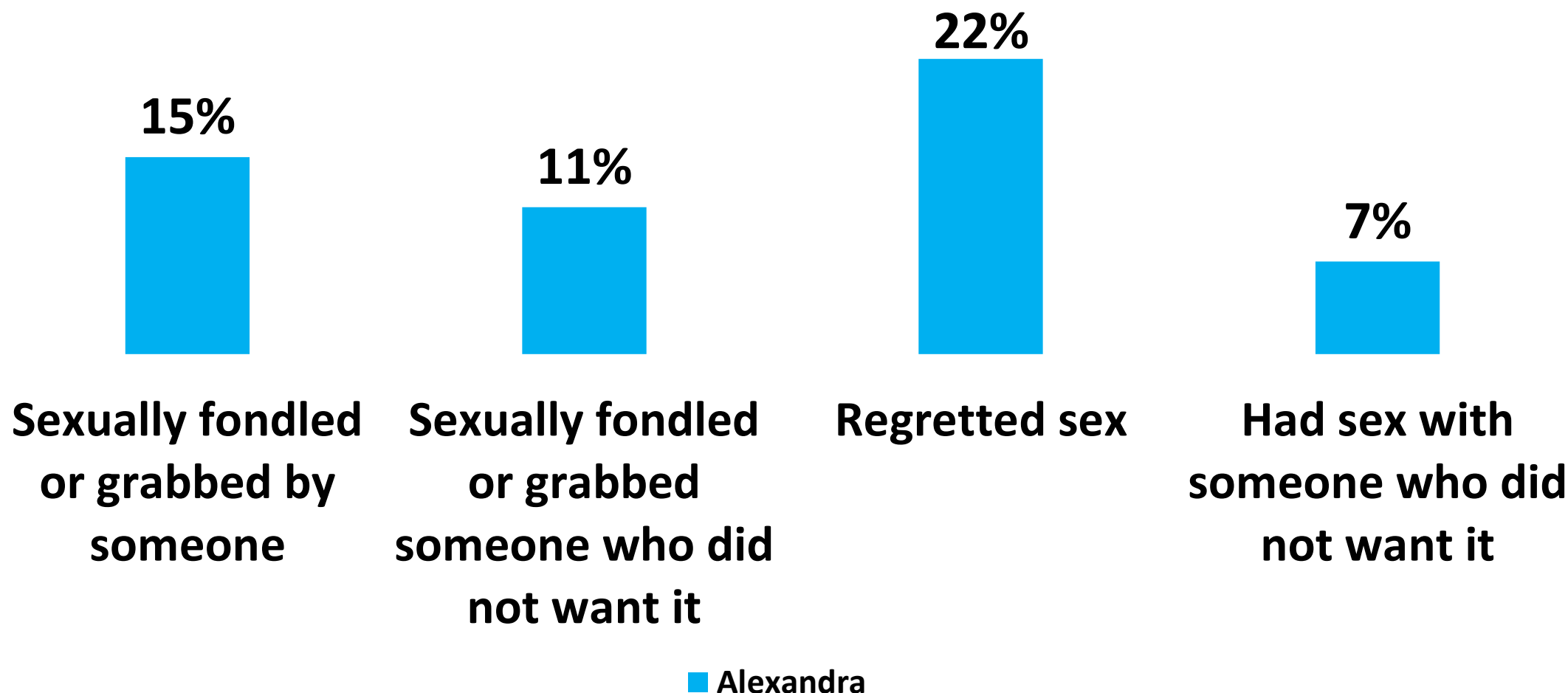
Alcohol problems in the past 12 months (among adults who drank in the past 12 months)



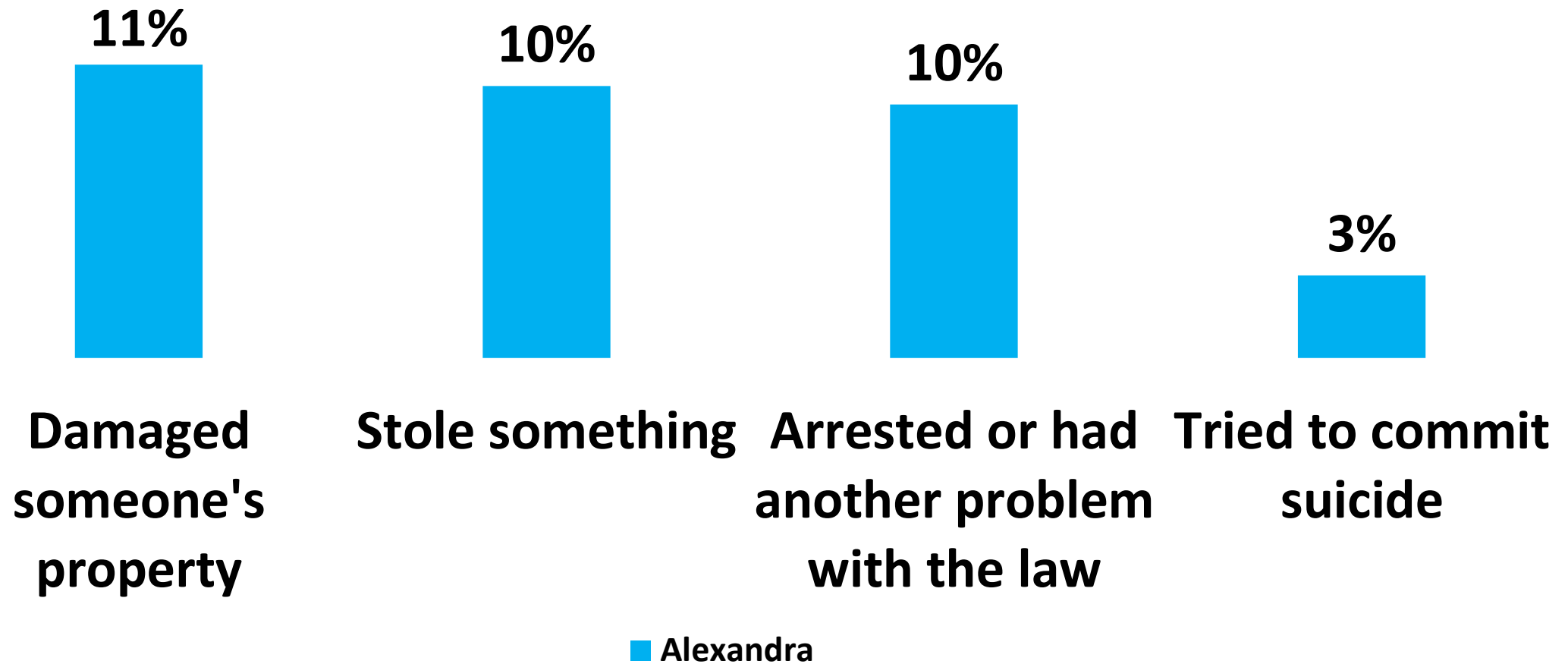
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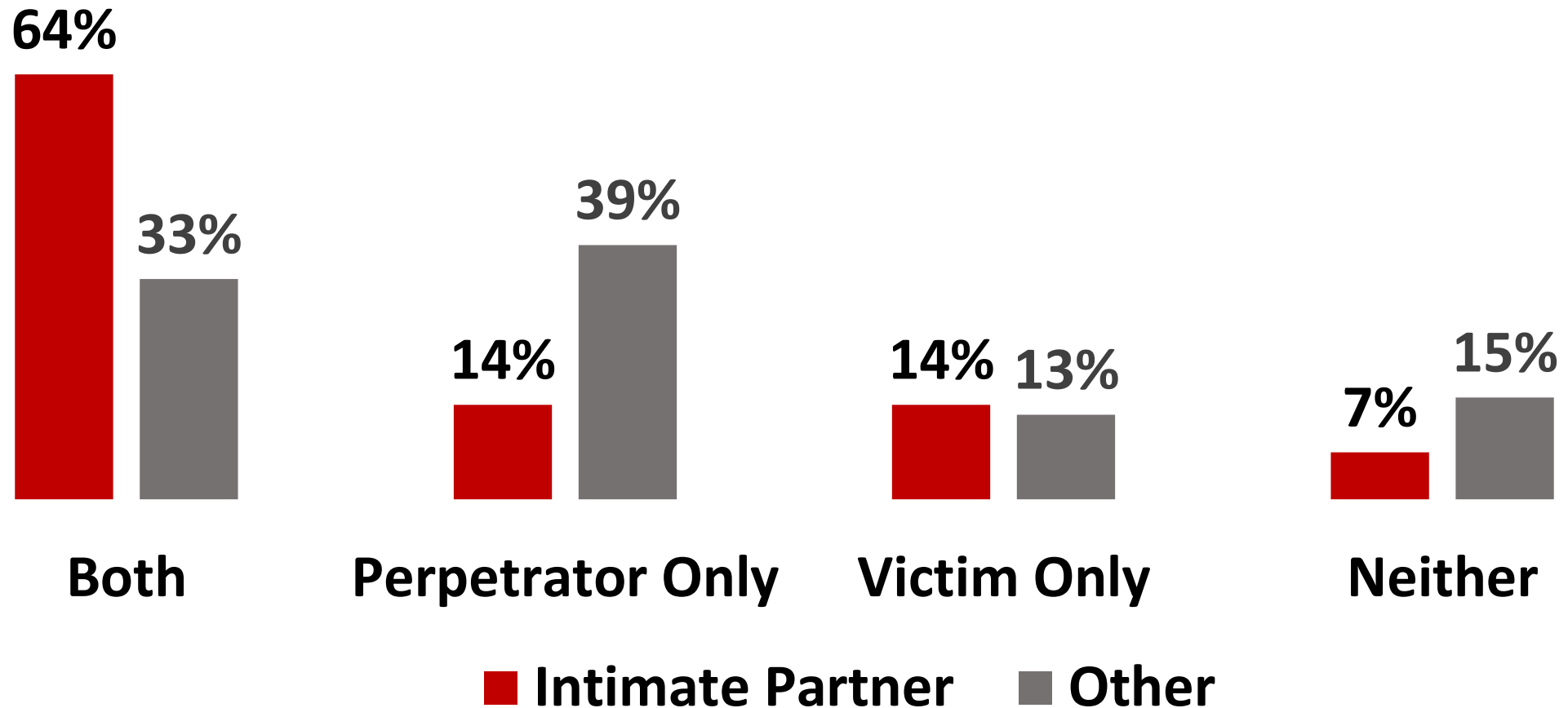


Alcohol problems in the past 12 months (among adults who drank in the past 12 months)



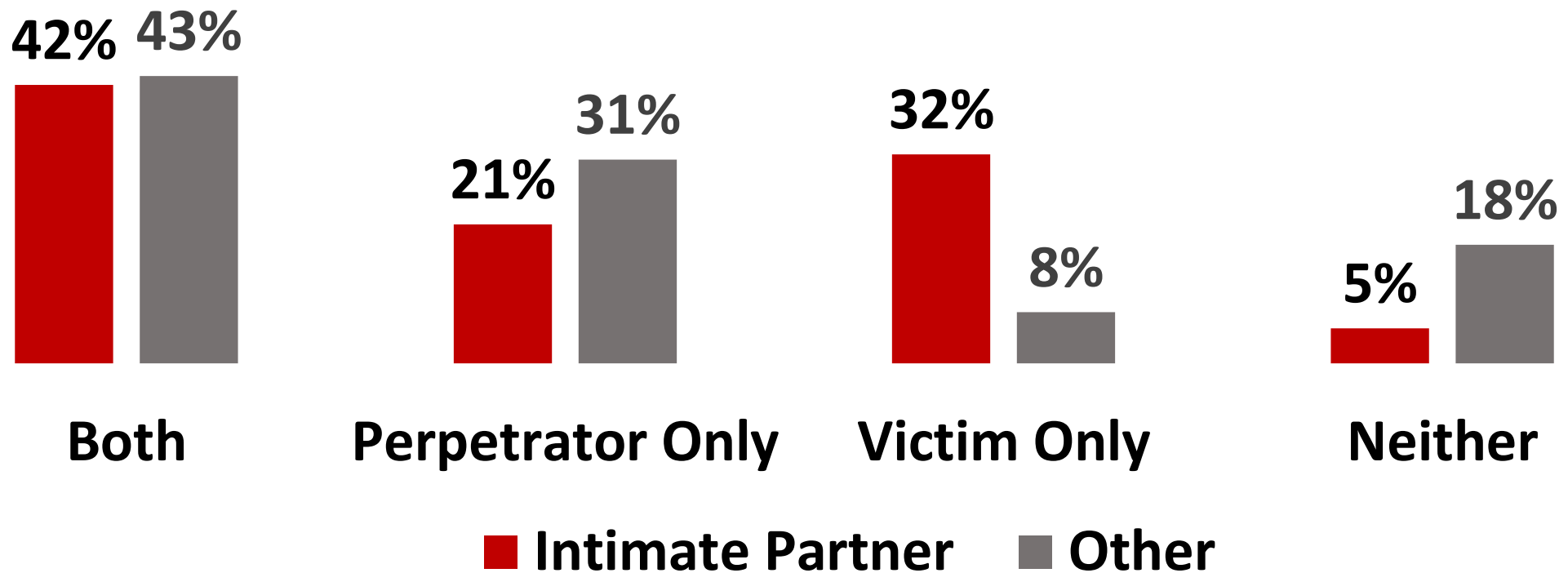
Sexual violence in the past 12 months in Alexandra

93% of IPV & 85% of other sexual violence involves alcohol



Other violence in the past 12 months in Alexandra

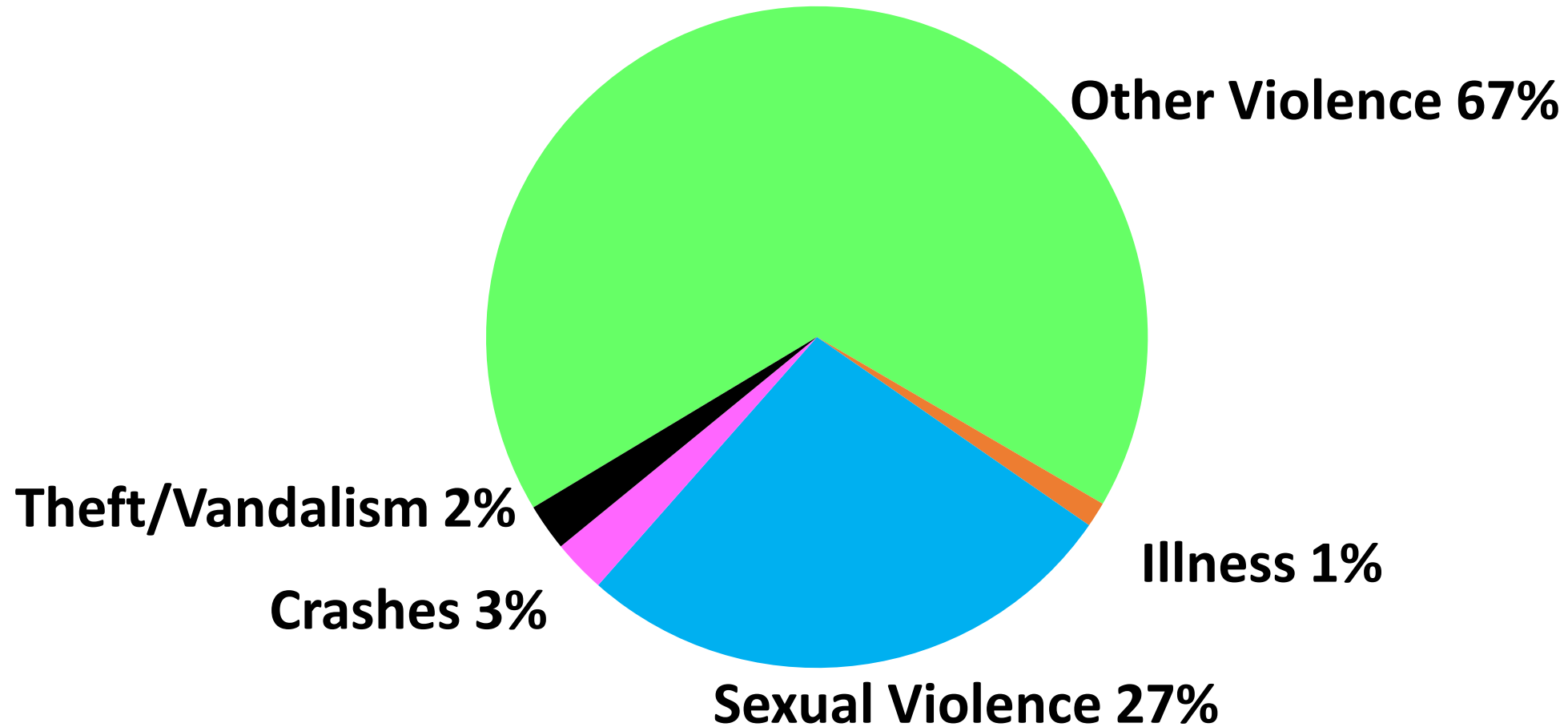
95% of IPV & 82% of other violence involves alcohol



77% of victims of alcohol-involved violence in South Africa say the violence would not have happened if no one was drinking

- **Cherpitel C, Ye Y, Bond J, Room R, Borges G. Attribution of Alcohol to Violence-Related Injury: Self and Other's Drinking in the Event, Journal of Studies on Alcohol and Drugs, 73, 277–284, 2012.**

Harmful Drinking Burden in Alexandra: 15,000 Years of Healthy Life Lost/Year



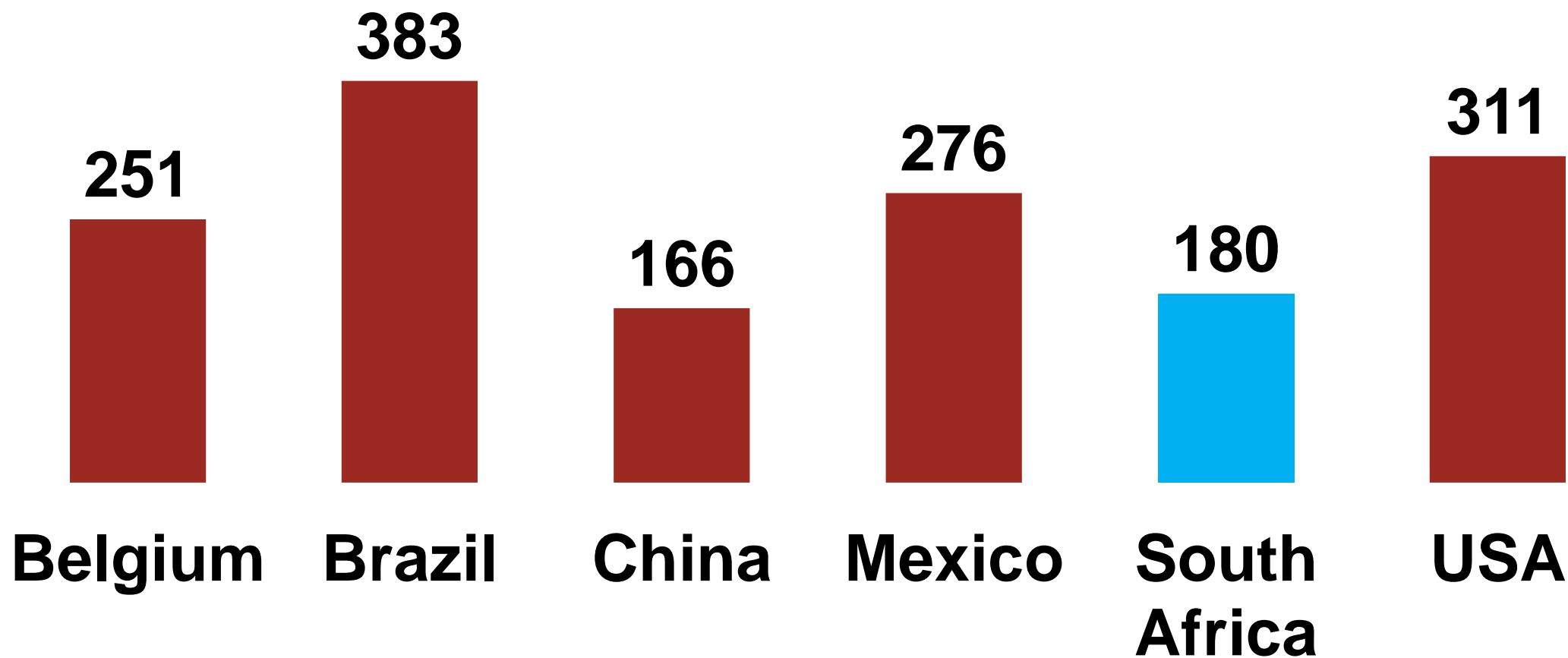
Sources

- Amount of alcohol-involved violence & theft/vandalism from the survey
 - Murders in Alexandra from <https://www.crimestatssa.com/precinct.php?id=232>
 - % alcohol-attributable from Cherpitel et al. (2012)
 - Harm per incident except murders from an unpublished 2018 update of Miller TR, Levy DT, Cohen MA, K Cox KC. The Costs of Alcohol and Drug-Involved Crime, Prevention Science, 7:4, 333-342, 2006.
 - YHL lost per murder in Gauteng Province from Global Burden of Disease online results tool (GBD 2016 DALY Collaborators. Global, Regional, and National Disability-Adjusted Life-Years (DALYs) for 333 Diseases and Injuries and Healthy Life Expectancy (HALE) for 195 Countries and Territories, 1990–2016: A Systematic Analysis for the Global Burden of Disease Study 2016, The Lancet, 390:10010, 1260-1344, 2017.)
- Harm from alcohol-involved crashes per capita in Gauteng Province from Matzopoulos RG, Truen S, Bowman B, Corrigan J. The cost of harmful alcohol use in South Africa, South Africa Medical Journal, 104(2):127-132, 2014.
- Harm from alcohol-attributable illness per capita in Gauteng Province from Global Burden of Disease online results tool

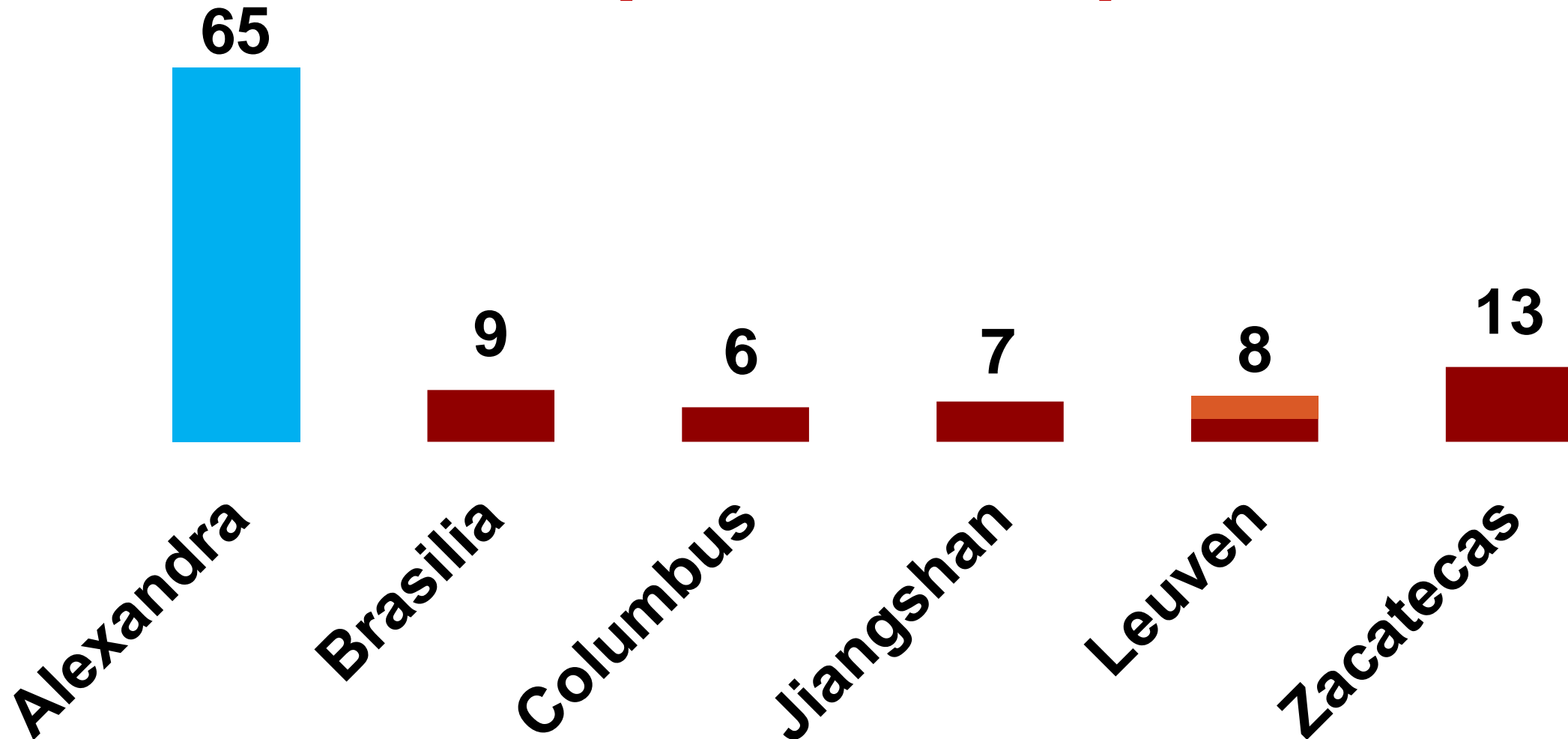
YHL Lost to Illness from Alcohol per 100K Population

Source: Global Burden of Disease, Alcohol Use Disorder

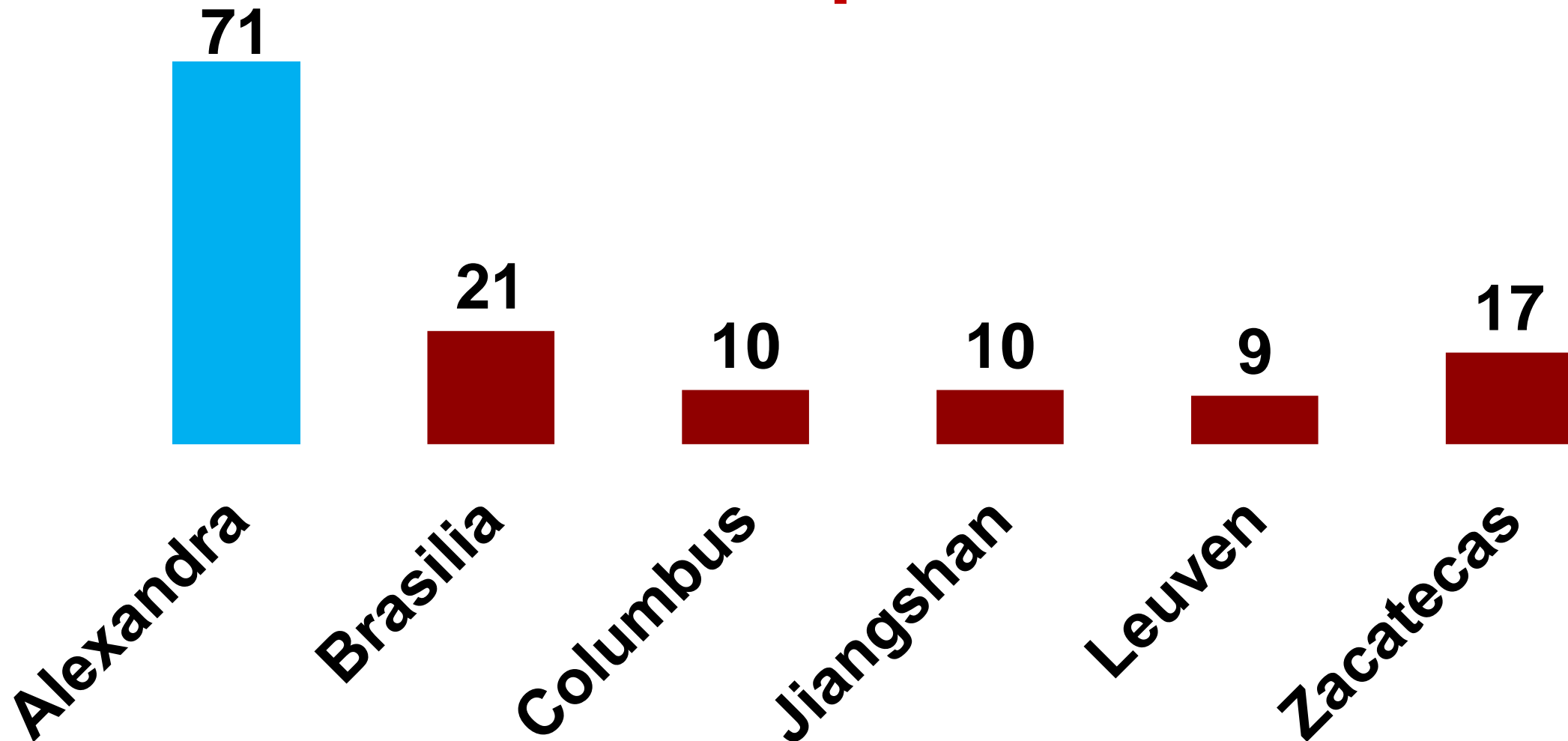
State-Specific Except Belgium Is Country-Specific



YHL Lost to Alcohol-Attributable Violence per 1000 Population



YHL Lost to Harmful Use of Alcohol per 1000 Population



Summary

- Most Alexandra residents currently do not drink alcohol
- 42% have never drunk alcohol
- Regardless of gender, about half of drinkers in Alexandra drink heavily
- 21% of males & 8% of females drank heavily in the past month
- Most regular drinkers are under age 50
- People ages 50-59 who drink typically drink heavily
- Few people over age 60 drink heavily