MARYLAND DEPARTMENT OF HEALTH

Data Landscape

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Data Landscape

Outline

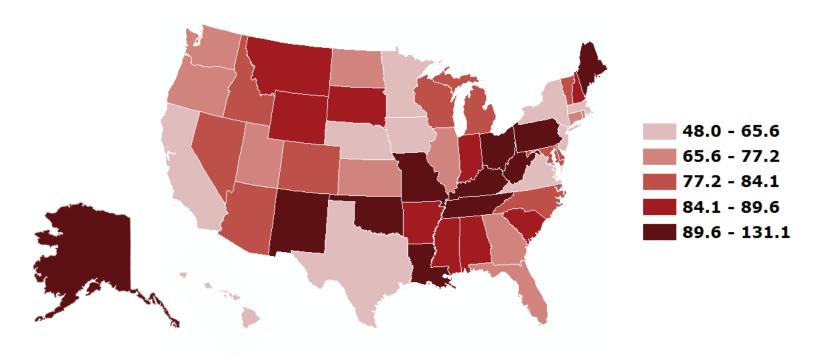
- Injury-related mortality
- Non-fatal injuries
- Violent deaths and suicidal ideation
- Motor vehicle crashes and injuries
- Substance use
- Sexual violence and intimate partner violence among youth
- Adverse childhood experiences (ACEs)



State and National Data



Injury Death Rate by State, 2017



Maryland

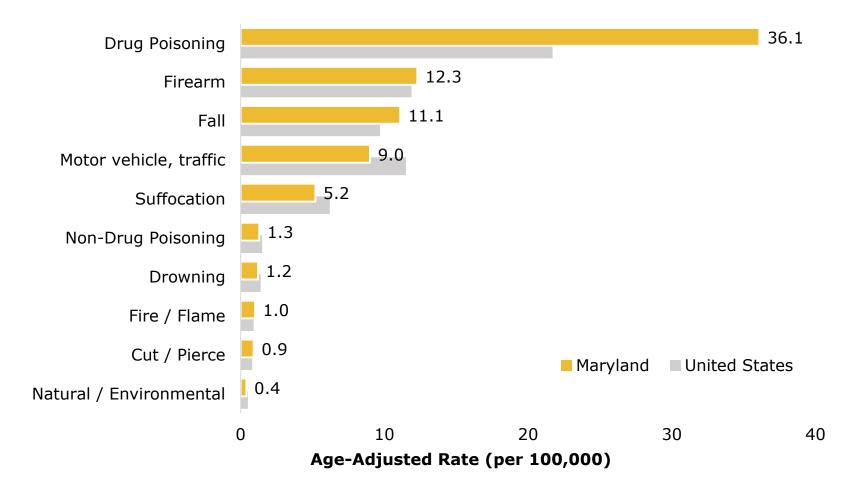
Age-Adjusted Injury Death Rate: **82.6** per 100,000

U.S.Age-Adjusted Injury Death Rate:

71.4 per 100,000

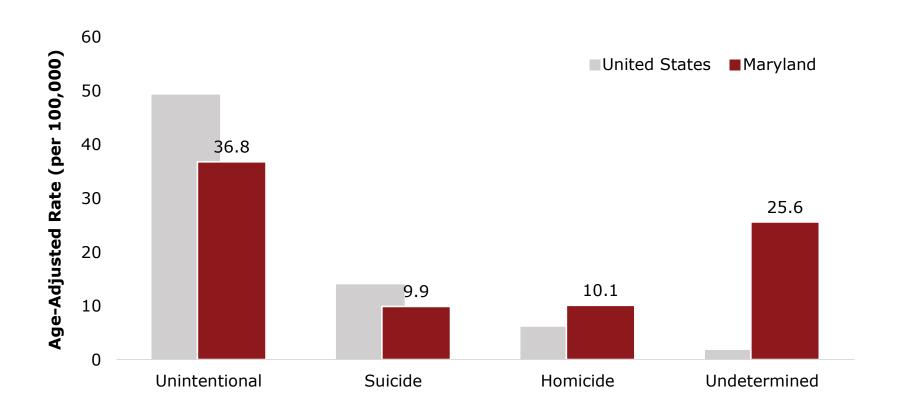


Injury Death Rate by Mechanism, 2017



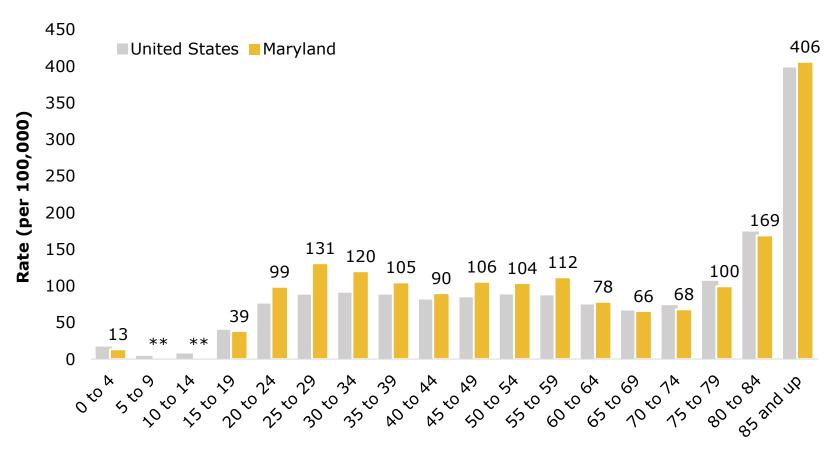


Injury Death Rate by Intent, 2017





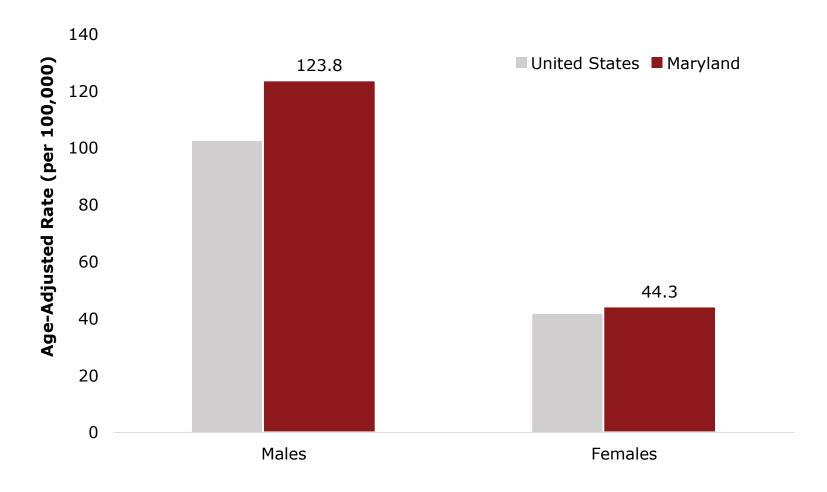
Injury Death Rate by Age, 2017



^{**} Rate is suppressed.

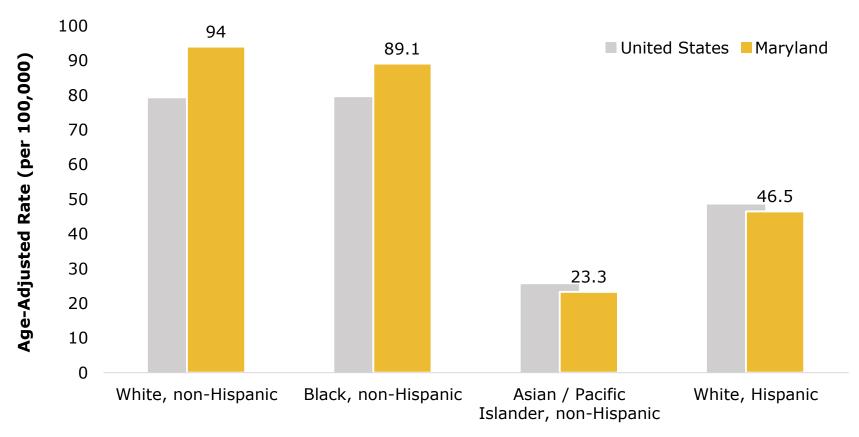


Injury Death Rate by Sex, 2017





Injury Death Rate by Race/Ethnicity, 2017



Note: Race/ethnicity groups with unstable or suppressed rates are not presented.



Non-Fatal Injuries

ED Visits and Hospitalizations



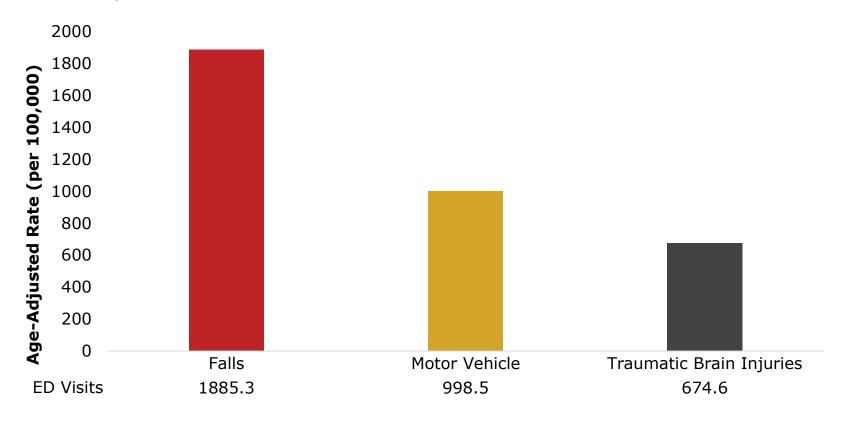
Non-Fatal Injuries

Status of Injury Morbidity Data

- No current data is available on injury-related Emergency Department visits and Hospitalizations.
- In 2015, health care systems transitioned from ICD-9-CM to ICD-10-CM for coding medical diagnoses in hospital, emergency department (ED), and outpatient records.
- Standardized case definitions and external cause of injury categories are still under development.



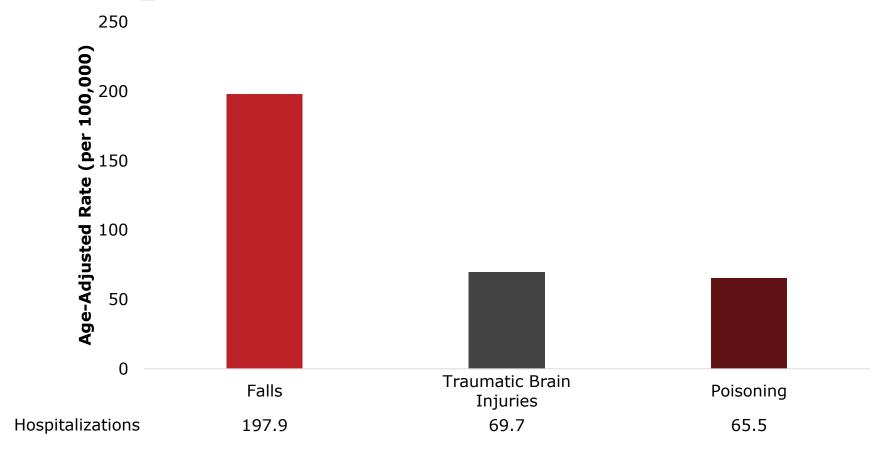
Leading Causes of Injury-Related Emergency Department Visits in Maryland, 2015





Non-Fatal Injuries

Leading Causes of Injury-Related Hospitalizations in Maryland, 2015



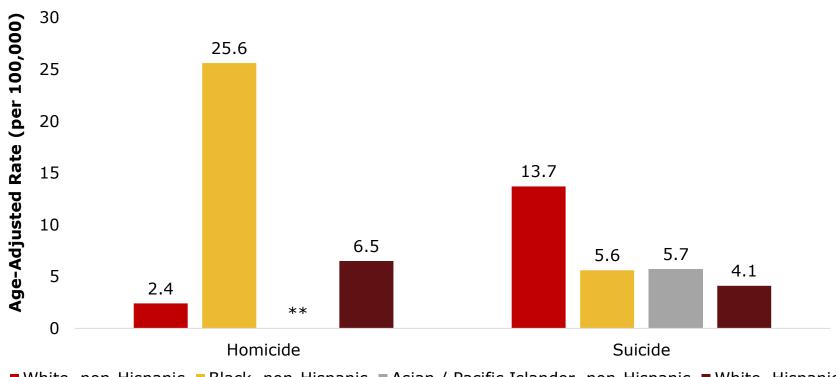


Details for Violence Prevention

Homicide and Suicide in Maryland



Homicide and Suicide Death Rates by Race/Ethnicity, Maryland, 2017



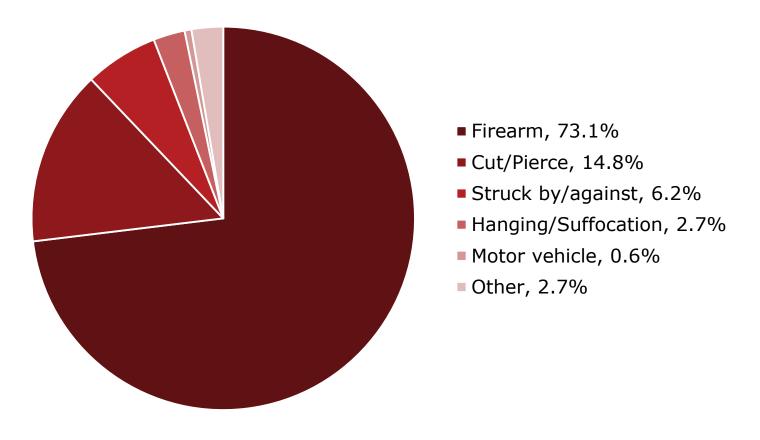
[■] White, non-Hispanic ■ Black, non-Hispanic ■ Asian / Pacific Islander, non-Hispanic ■ White, Hispanic

Note: Race/ethnicity groups with unstable or suppressed rates are not presented.



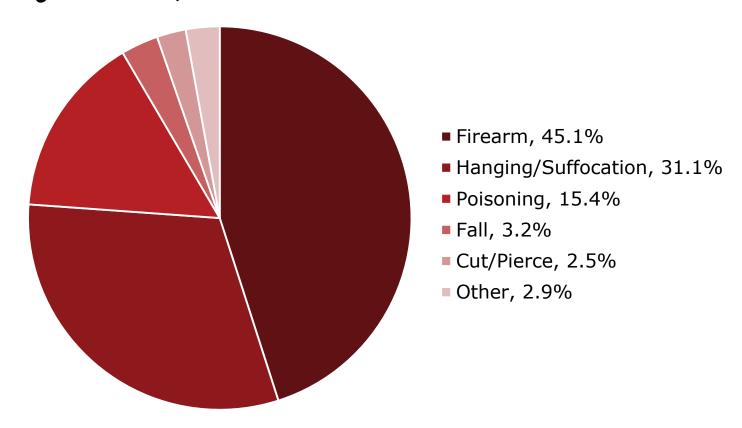
^{**} Rate is suppressed.

Homicide Deaths by Mechanism, Maryland, 2012-2016





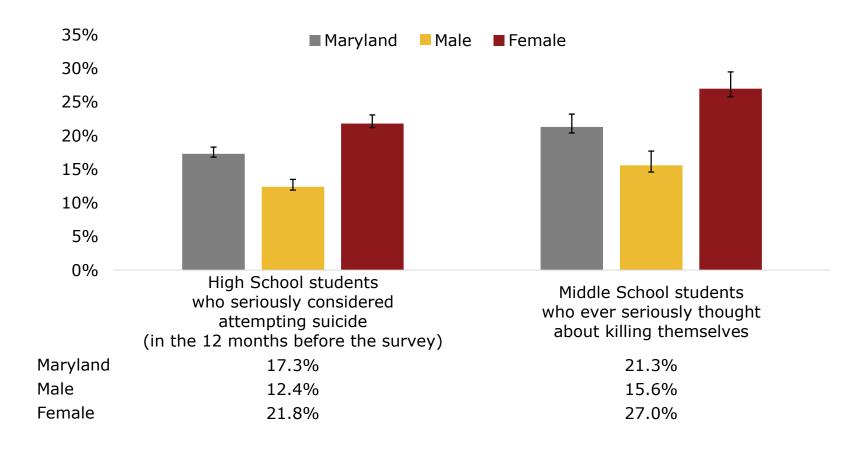
Suicide Deaths by Mechanism, Maryland, 2012-2016





Details for Violence Prevention

Suicidal Thoughts among Youth Maryland YRBS, 2016





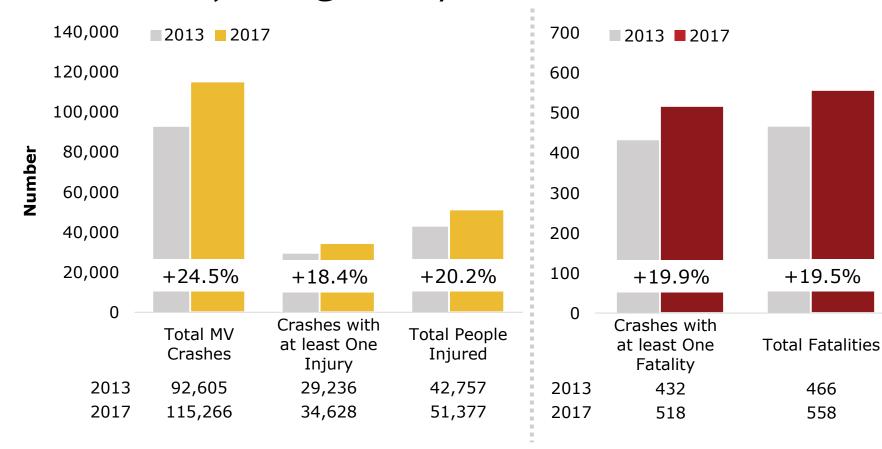
Motor Vehicle Crashes

Injuries, Fatalities, and Risk Factors



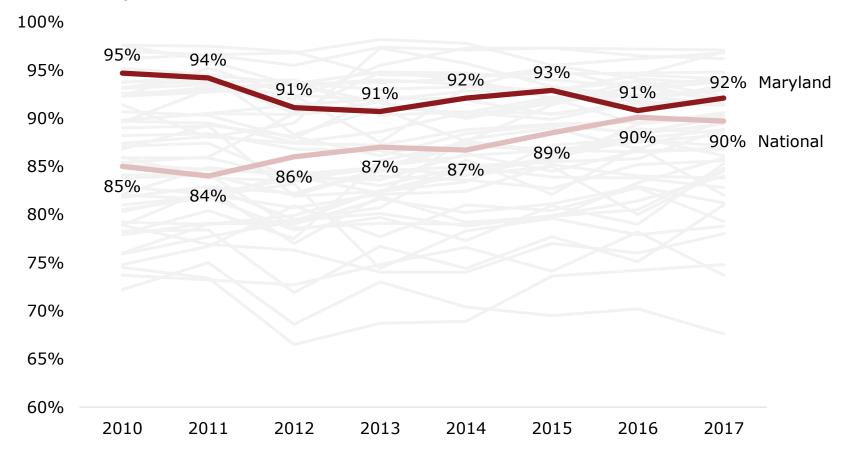
Motor Vehicle Crashes

Maryland Motor Vehicle Crash Data, MHSO, 2013-2017



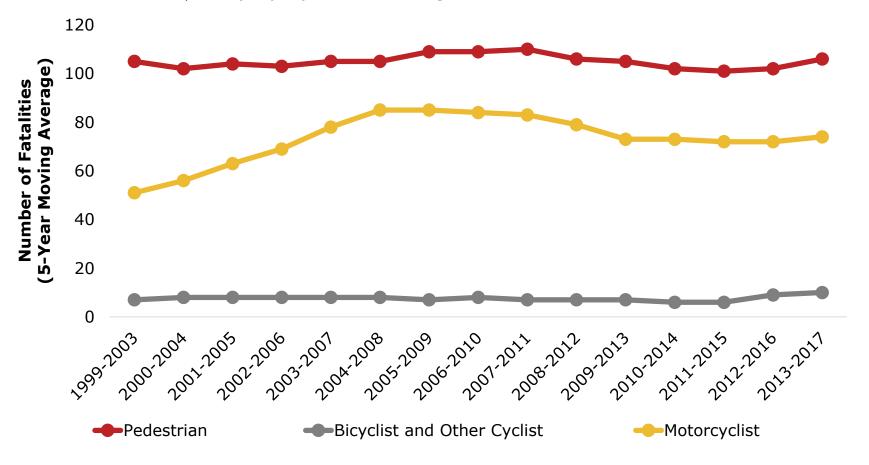


Observed Seatbelt Use Rates Maryland, 2010-2017



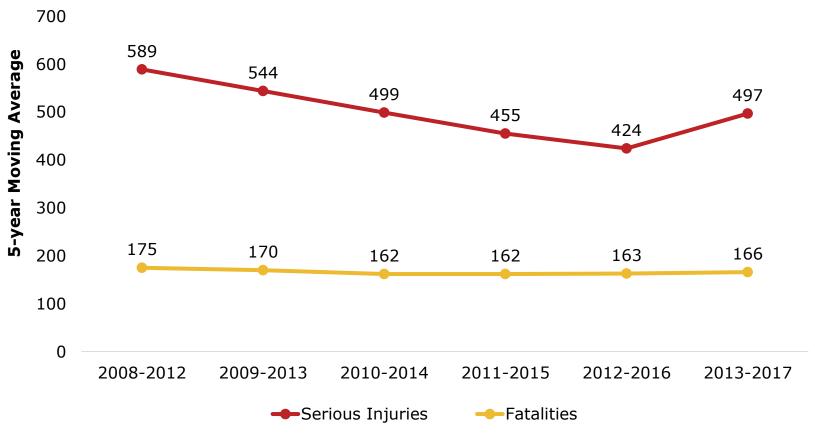


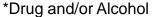
Maryland Motor Vehicle Fatalities, FARS, 1999-2017





Impaired* Driver Traffic Fatalities and Serious Injuries, MHSO, 2008-2017

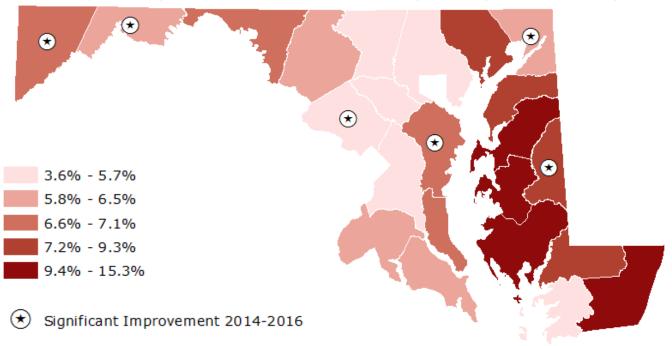






Youth Driving after Drinking, Maryland YRBS, 2014-2016

Percentage Of High School Students Reporting Driving After Drinking, 2016

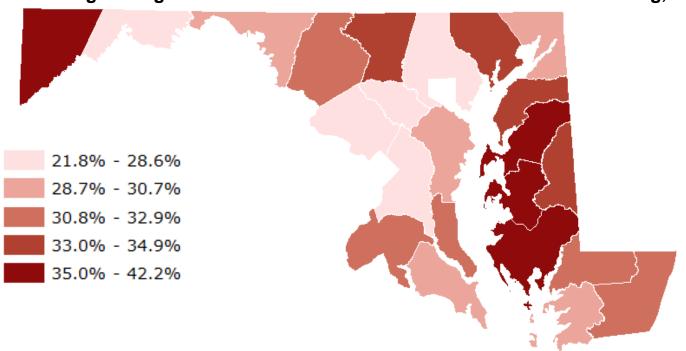


Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)



Youth Distracted Driving, Maryland YRBS, 2016

Percentage of High School Students who Texted or E-mailed while Driving, 2016



Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)



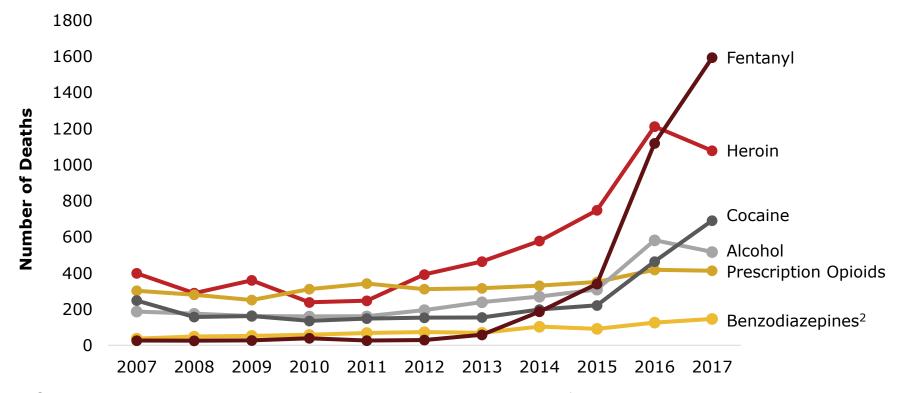
Substance Use

Intoxication Deaths and Self-Reported Alcohol Use



Substance Use

Total Number of Drug- and Alcohol-Related Intoxication Deaths by Selected Substances¹, Maryland, 2007-2017

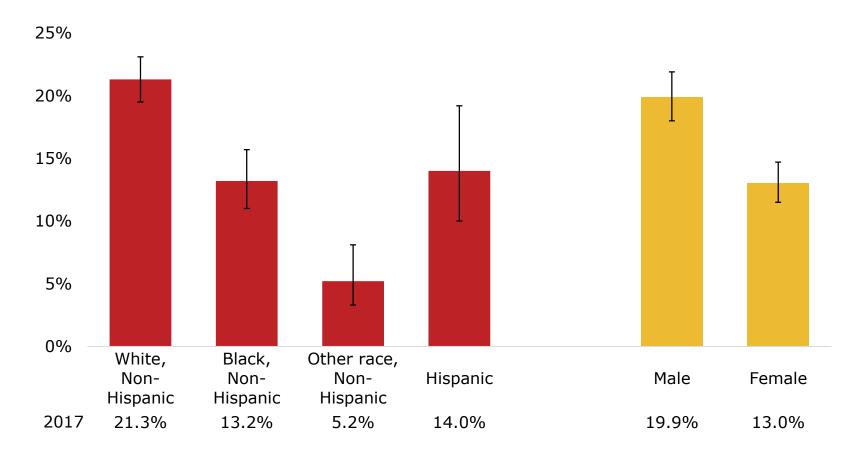


- 1 Since an intoxication death may involve more than one substance, counts of deaths related to specific substances do not sum to the total number of deaths.
- 2 Includes deaths caused by benzodiazepines and related drugs with similar sedative effects.



Substance Use

Binge Drinking among Adults, Maryland BRFSS, 2017





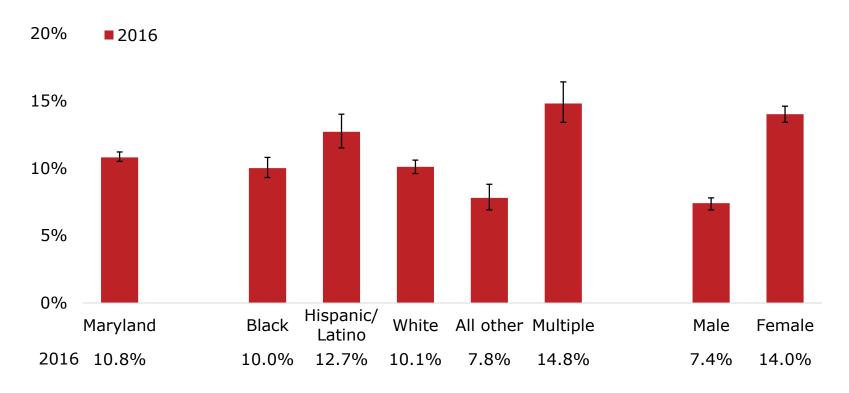
Sexual and Intimate Partner Violence

Prevalence of SV and IPV among Maryland Youth, 2014-2016



Sexual Violence and Intimate Partner Violence

Sexual Violence among Youth, Maryland YRBS, 2016

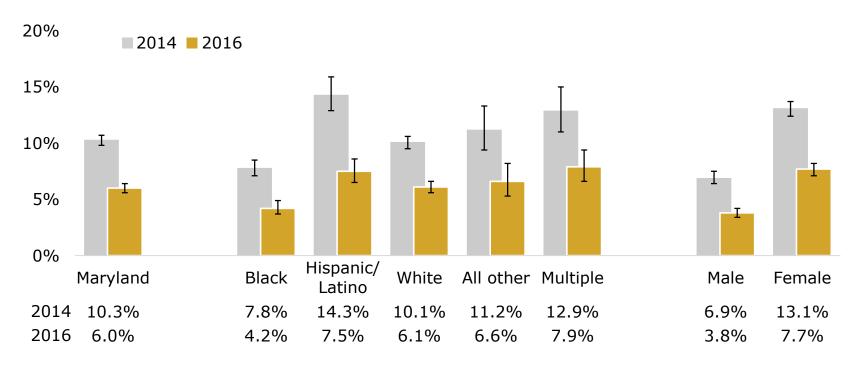


High School - Percentage of students who experienced <u>sexual violence</u> (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)



Sexual Violence and Intimate Partner Violence

Intimate Partner Violence among Youth – Sexual Violence, Maryland YRBS, 2014-2016

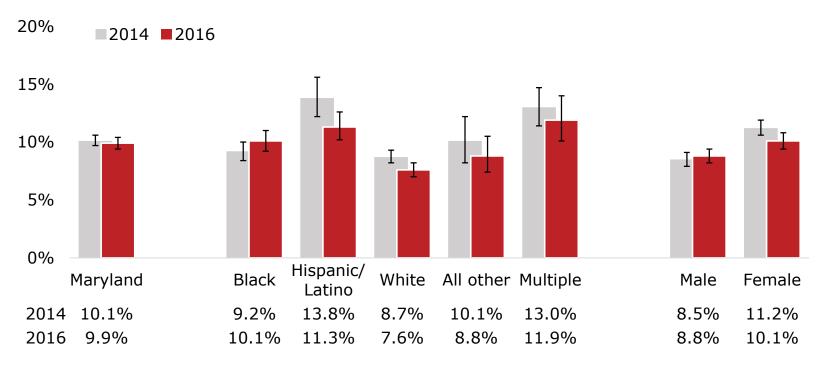


High School - Percentage of students who experienced <u>sexual dating violence</u> (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey).



Sexual Violence and Intimate Partner Violence

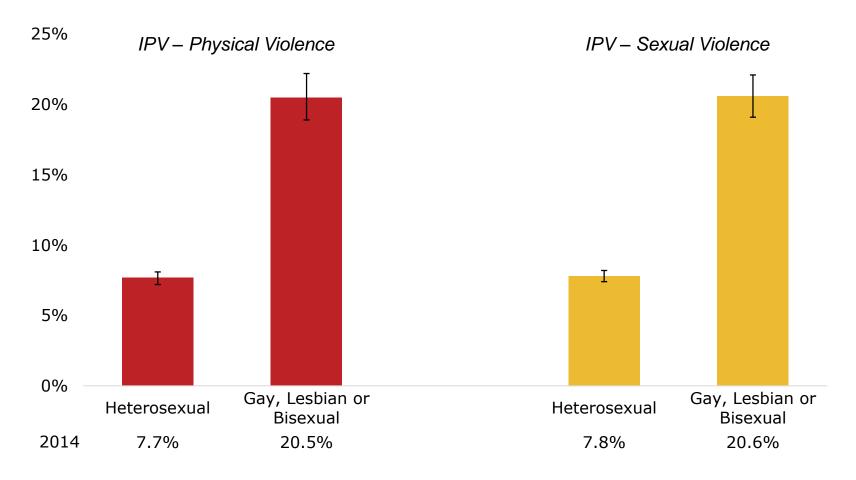
Intimate Partner Violence among Youth – Physical Violence, Maryland YRBS, 2014-2016



High School - Percentage of students who experienced <u>physical dating violence</u> (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)



Disparities in Intimate Partner Violence among Youth, Maryland YRBS, 2014





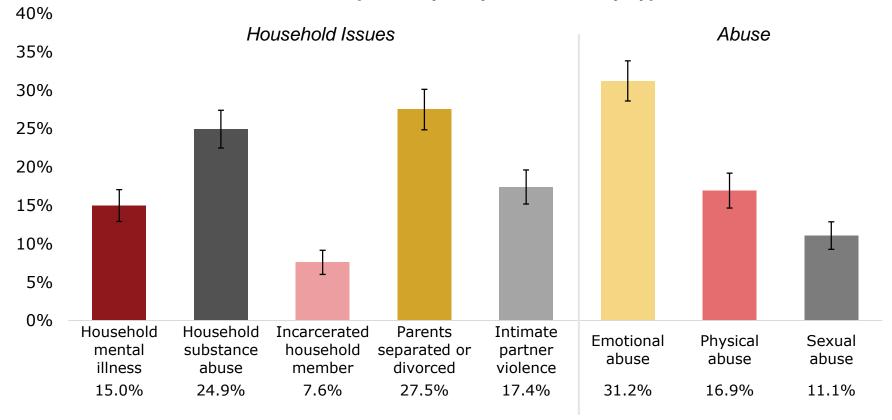
Adverse Childhood Experiences

Self-Reported Prevalence of ACEs among Maryland Adults, 2015



Prevalence of ACEs by Type, Maryland BRFSS, 2015

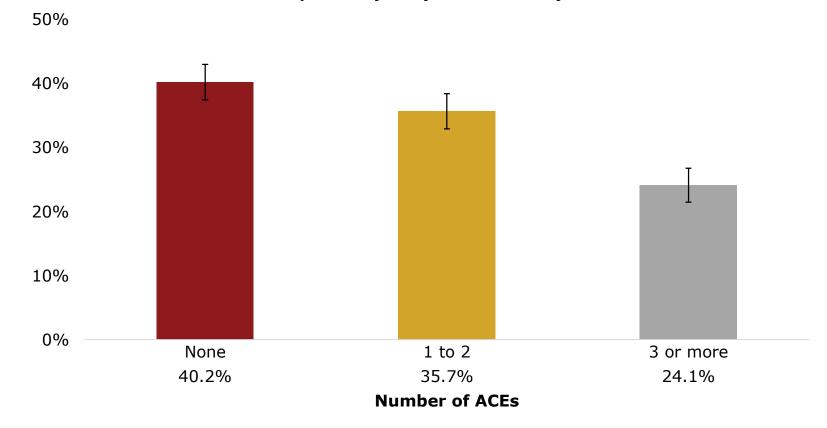
Prevalence of ACEs Reported by Maryland Adults, by Type of ACE





Prevalence of ACEs by Number, Maryland BRFSS, 2015

Prevalence of ACEs reported by Maryland Adults, by Number of ACEs





Data Landscape

Conclusions and Next Steps



Conclusions

- Violence and unintentional injuries affect everyone.
 - Everyone is not equally at risk for all injuries.
- Local injury prevention priorities are informed by:
 - Experience
 - Resources
 - Policy
 - Culture
 - Geography



Data Landscape

Next Steps

- Set local injury prevention priorities.
- Identify shared risk and protective factors.
- Engage stakeholders and the community.



QUESTIONS?

