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Traumatic Brain Injuries and Substance Use in Rhode Island Young Adults

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BRAIN INJURY AND SUBSTANCE USE IN YOUNG ADULTS: THE NEED FOR INTEGRATING CARE

AFFILIATIONS

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BACKGROUND

- Limited information on the relationship between traumatic brain injury (TBI) and substance use in young adults
- 3,592 young adults (15-24 years old) in Rhode Island (RI) sustained a TBI
- The relationship between TBI and substance use is likely bidirectional

OBJECTIVE

- Examine any sociodemographic disparities in TBI
- Understand the relationship between TBI and various types of substance use among young adults in Rhode Island

METHODOLOGY

A cross-sectional analysis using data from the web-based Rhode Island Young Adult Survey (RIYAS) from May-August 2022. N = 1022 young adults aged 18-25 years old

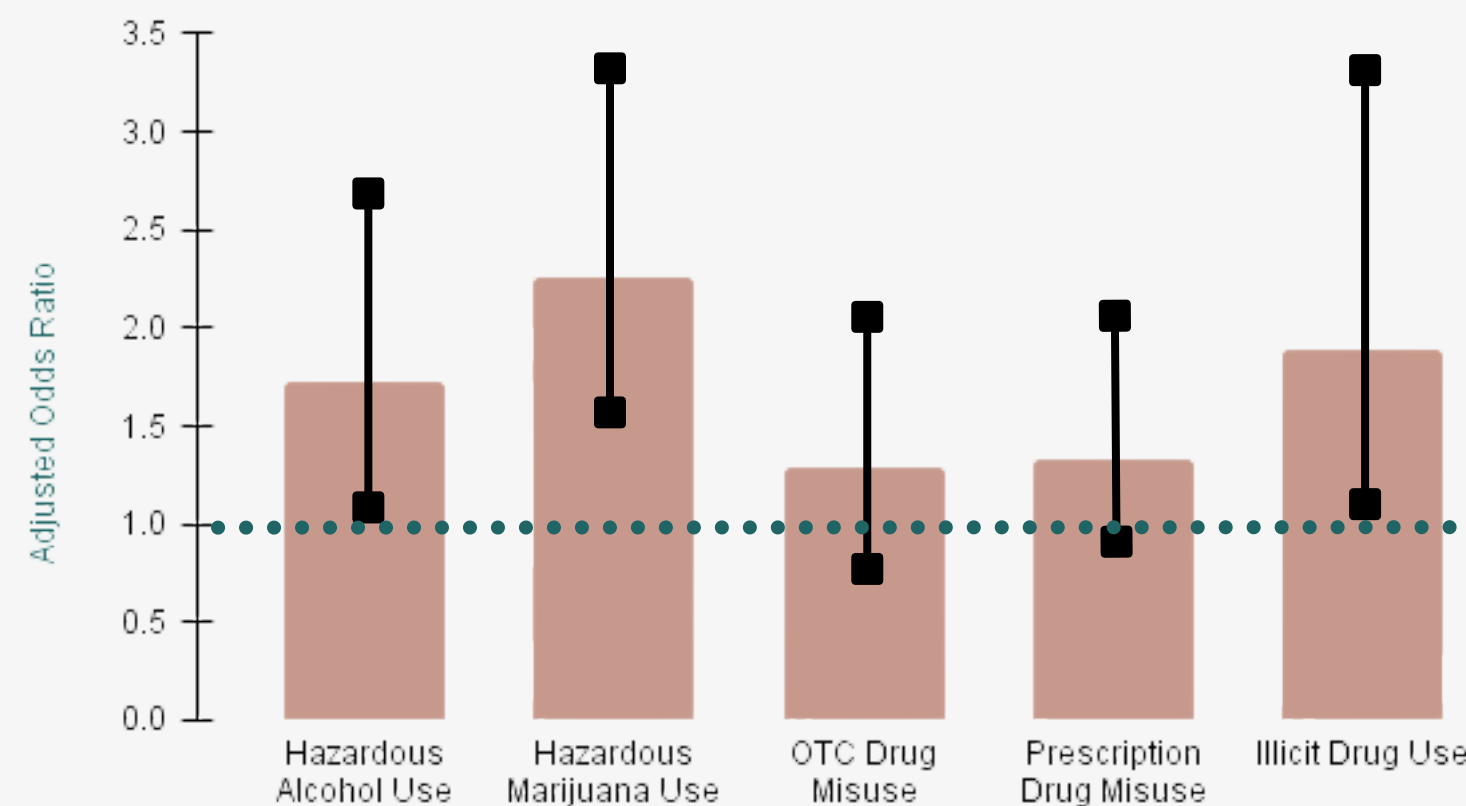
REFERENCES



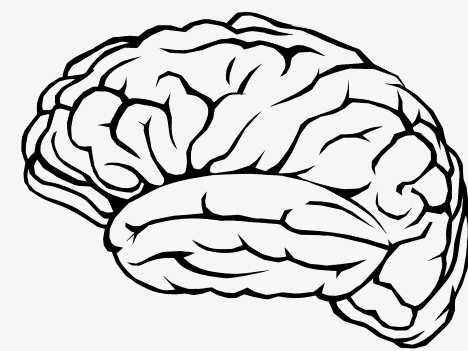
CONCLUSION

There is a need for larger-scale, multidisciplinary programs to address TBI and SUD in various medical settings for behavioral health and emergency care

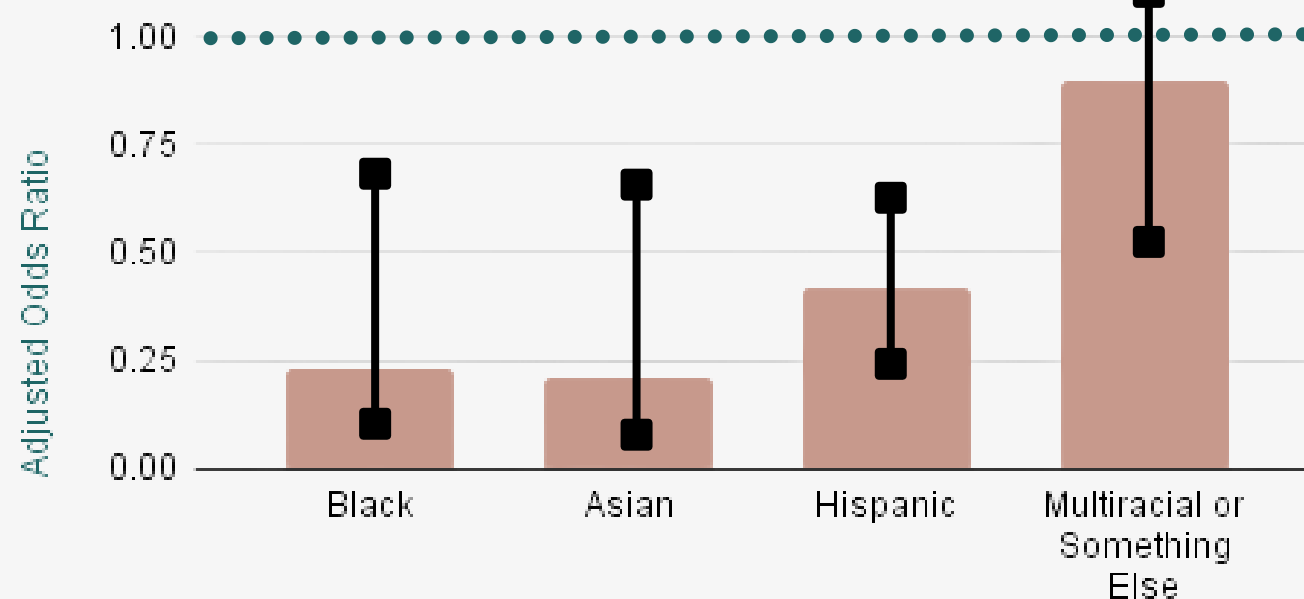
Adjusted Odds of Substance Use Associated With Brain Injury



Note: Adjusted odds ratios for each substance use outcome were calculated using multivariable logistic regressions controlling for sexual and gender identity, race/ethnicity, social status, and age.



Adjusted Odds of Brain Injury



Note: White non-Hispanic was used as the reference category. Multivariable model controlled for sexual and gender identity, age, and social status.

