2022 STATISTICAL REPORT

COMMUNITY DISSEMINATION WEBINAR SERIES
Webinar 4 of 6

HAWAIʻI STATE PLAN FOR A DATA DRIVEN SYSTEM OF CARE ON SUBSTANCE USE

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Acting Administrator of the Alcohol and Drug Abuse Division

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Acting Public Health Program Manager for the Alcohol and Drug Abuse Division

Lilinoe Kauahikaua, MSW - Papa Ola Lokahi
Population Health Specialist with Papa Ola Lokahi

Kelley Withy, MD, PhD - University of Hawaiʻi at Mānoa
Professor of Family Medicine and Community Health at the UHM John A. Burns School of Medicine (JABSOM)
Director of the Hawaii/Pacific Basin Area Health Education Center

Friday, June 17, 2022, 11:00 AM HST

Presenters

Deveraux Talagi, PhD - University of Hawai‘i at Mānoa

Assistant Researcher and Lead Data Scientist at the Pacific Health Analytics Collaborative

Sarah Yasuda, BA - University of Hawai‘i at Mānoa

Policy Research Associate at the Pacific Health Analytics Collaborative

Sarah holds a Bachelor of Arts degree in Public Health from the University of Hawai‘i at Mānoa. As a part of the State Plan project, Sarah has been assisting with creating the Statistical Report through generating tables and graphs with the data from various data sources using R. In addition, Sarah has assisted with the development of the Hawai‘i Behavioral Health Dashboard including the interactive data dashboards created with Power BI.

Agenda

1. Introduction
2. 2022 Statistical Report Chapter 9: Substance Use and Native Hawaiian Communities
3. 2022 Statistical Report Chapter 10: Substance Use and Rural Communities

2022 Statistical Report Consultative Draft (read only)

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Hawai'i Behavioral Health Dashboard

Data Sources

Survey	Clinical	Administrative
• National Survey on Drug Use and Health (NSDUH) • Hawai'i Behavioral Risk Factor Surveillance System (BRFSS) • Hawai'i Youth Risk Behavior Survey (YRBS) • Pregnancy Risk Assessment Monitoring System (PRAMS)	• Healthcare Cost and Utilization Project (HCUP) • Treatment Episode Data Set (TEDS) • Web Infrastructure for Treatment Services (WITS)	• Bridging the Gap Homelessness Point in Time Count Reports • Child Abuse and Neglect in Hawai'i Statistical Reports • Children's Bureau Child Maltreatment Reports • Crime in Hawai'i - Uniform Crime Reports • Fatality Analysis Reporting System (FARS) • HUD CoC Homeless Assistance Programs Homeless Populations and Subpopulations Reports • National Incident Based Reporting System (NIBRS) • National Vital Statistics System (NVSS) • Partners In Care Oahu Point in Time Count Reports

2022 Statistical Report

Chapter 9: Substance Use and Native Hawaiian Communities

Poll Question 1

How familiar are you with the substance use issues affecting the Native Hawaiian communities in the state?

Poll Question 2

Are you directly involved with providing substance use services to the Native Hawaiian communities?

Chapter 9: Native Hawaiian Overview

Subtopics	Datasets/Data Sources
Substance Use, Abuse, and Dependence	• National Survey on Drug Use and Health (NSDUH) • Behavioral Risk Factor Surveillance System (BRFSS) • Youth Risk Behavior Survey (YRBS)

Emergency Visits and Hospitalizations	• Healthcare Cost and Utilization Project (HCUP)
	  ○ State Emergency Department Database (SEDD)
	  ○ State Inpatient Database (SID)

Treatment	• National Survey on Drug Use and Health (NSDUH) • ADAD Funded Treatment Admissions

Limitations

NSDUH

- No single-year state-level data available
- Population: Civilian noninstitutionalized persons aged 12 and above
  - Exclusions: people experiencing homelessness who do not use shelters, active military personnel, and residents of institutional group quarters such as jails, nursing homes, mental institutions, and long-term care hospitals
- Available in English and Spanish

BRFSS

- Self reported with challenges of under- or over- reporting
- Telephone survey
  - Survey is only distributed to those who have landlines or cell phones
- Available in English and Spanish
  - States have the option to translate into other languages

YRBS

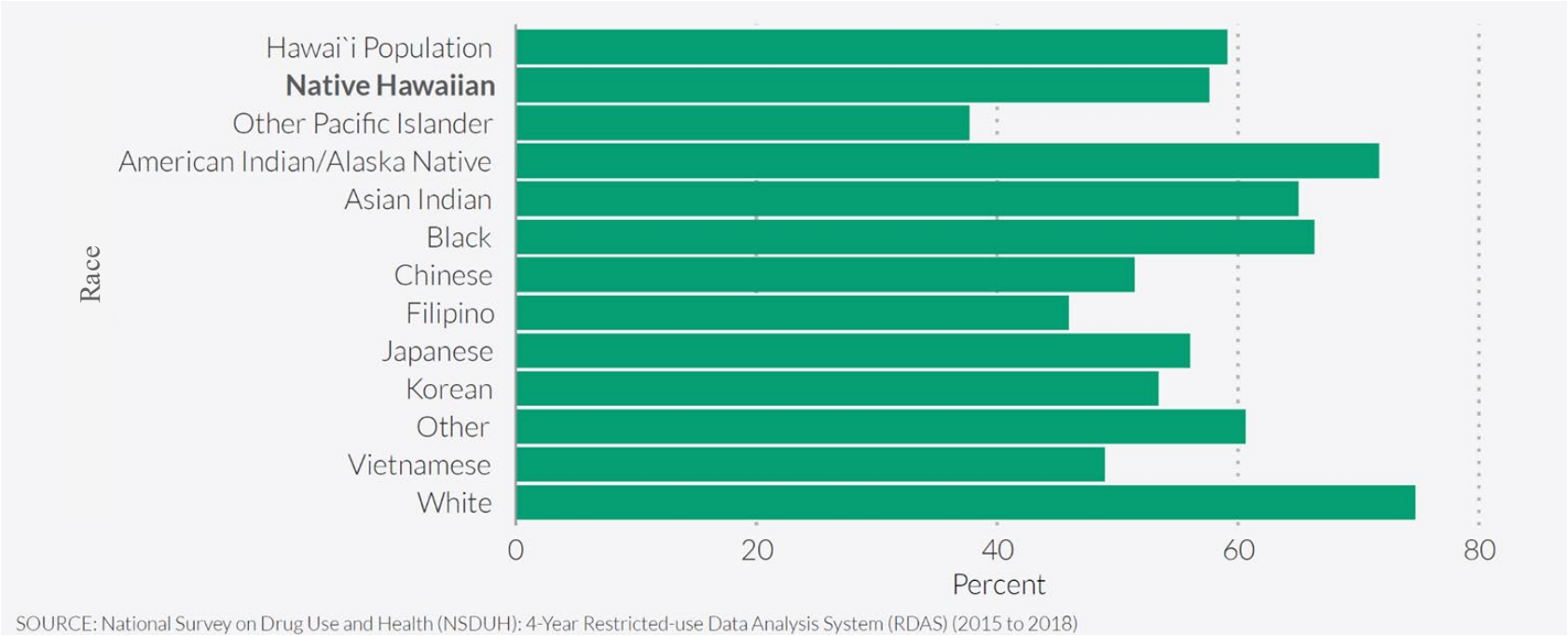
- Self reported with challenges of under- or over- reporting
- Counties with a response rate less than 60% are not included

HCUP

- Data coverage only only goes up to 2014 due to changes in the hospital data systems (only goes up to 2014)

Ch 9: Native Hawaiian Communities - Substance Use, Abuse, and Dependence

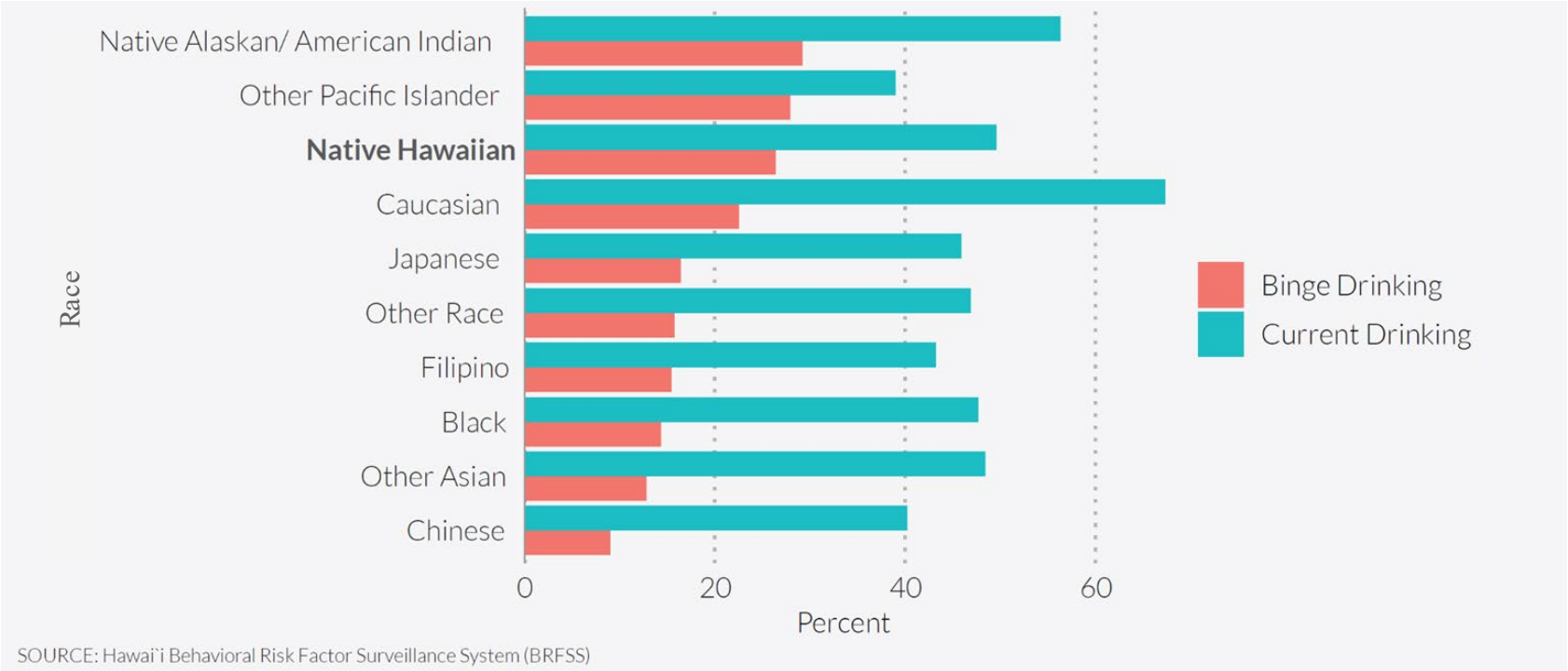
Past Year Alcohol Use in the State of Hawai'i by Race, 2015-2018 Annual Averages



SOURCE: National Survey on Drug Use and Health (NSDUH): 4-Year Restricted-use Data Analysis System (RDAS) (2015 to 2018)

Ch 9: Native Hawaiian Communities - Substance Use, Abuse, and Dependence

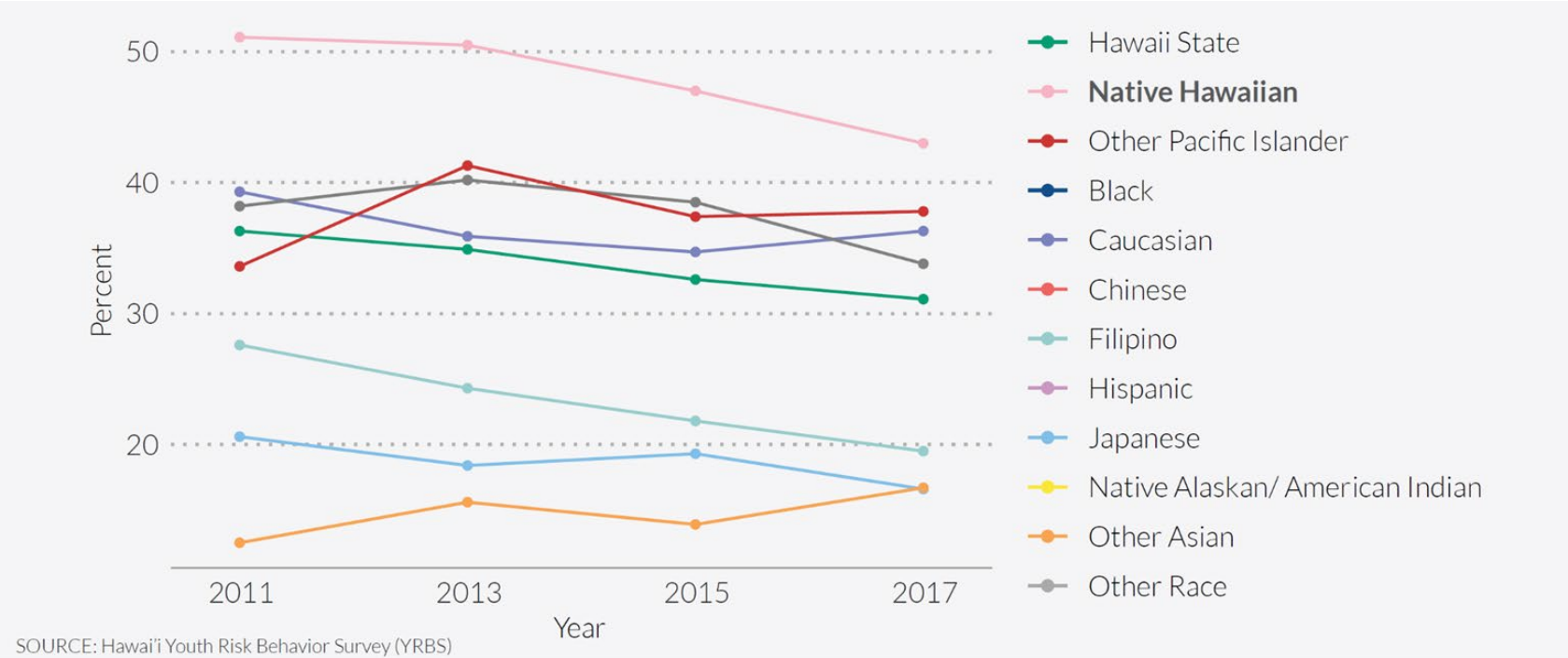
30-Day Current Drinking and 30-Day Binge Drinking in the State of Hawai'i by Race, 2017



SOURCE: Hawai`i Behavioral Risk Factor Surveillance System (BRFSS)

Ch 9: Native Hawaiian Communities - Substance Use, Abuse, and Dependence

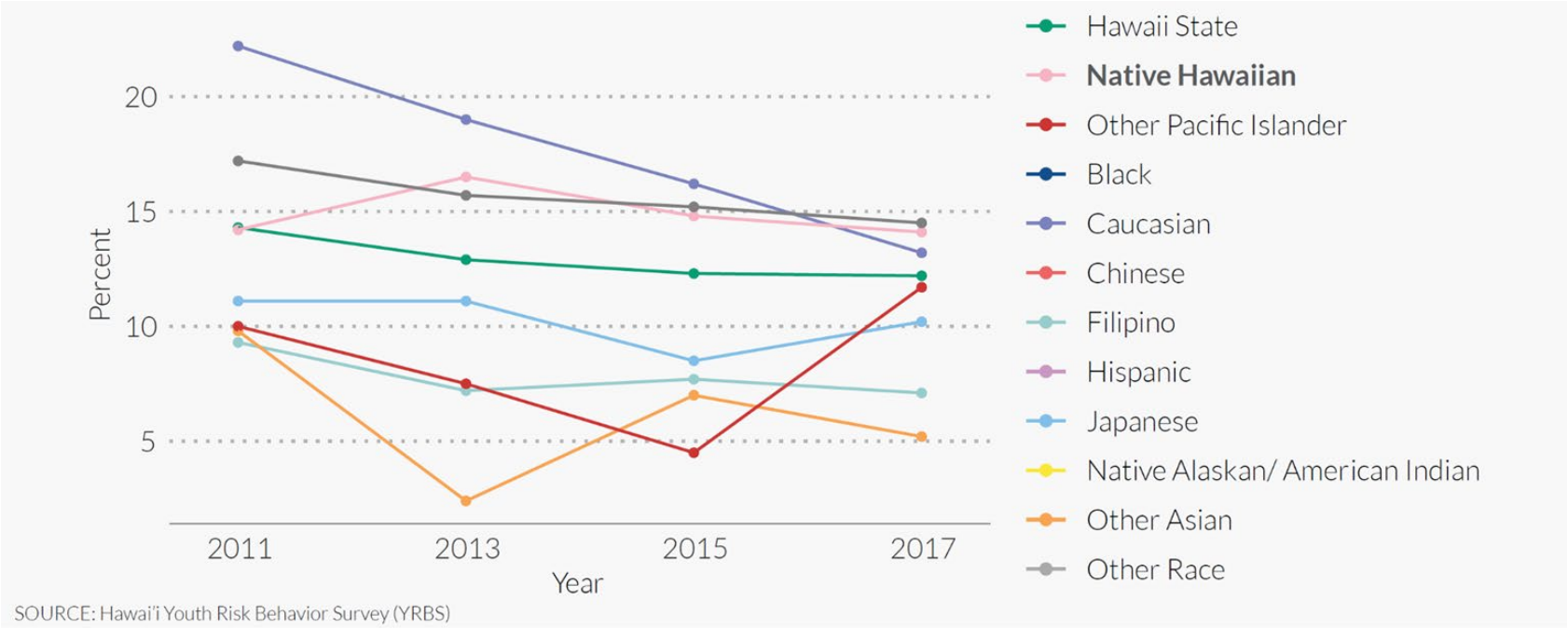
Ever Used Marijuana Among Public High School Students in the State of Hawai'i by Race, 2011-2017



SOURCE: Hawai'i Youth Risk Behavior Survey (YRBS)

Ch 9: Native Hawaiian Communities - Substance Use, Abuse, and Dependence

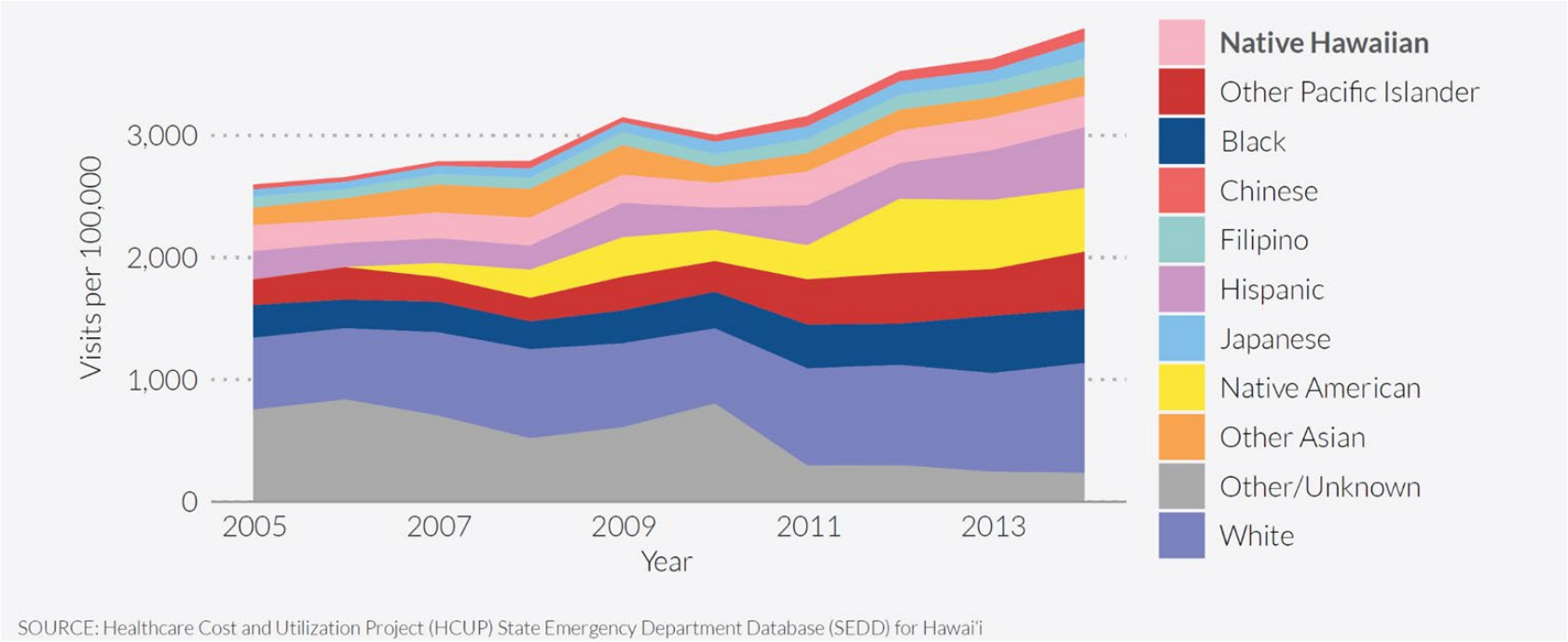
Ever Used Prescription Drugs Without a Doctor's Prescription Among Public High School Students in the State of Hawai'i by Race, 2011-2017



SOURCE: Hawai'i Youth Risk Behavior Survey (YRBS)

Ch 9: Native Hawaiian Communities - Emergency Visits and Hospitalizations

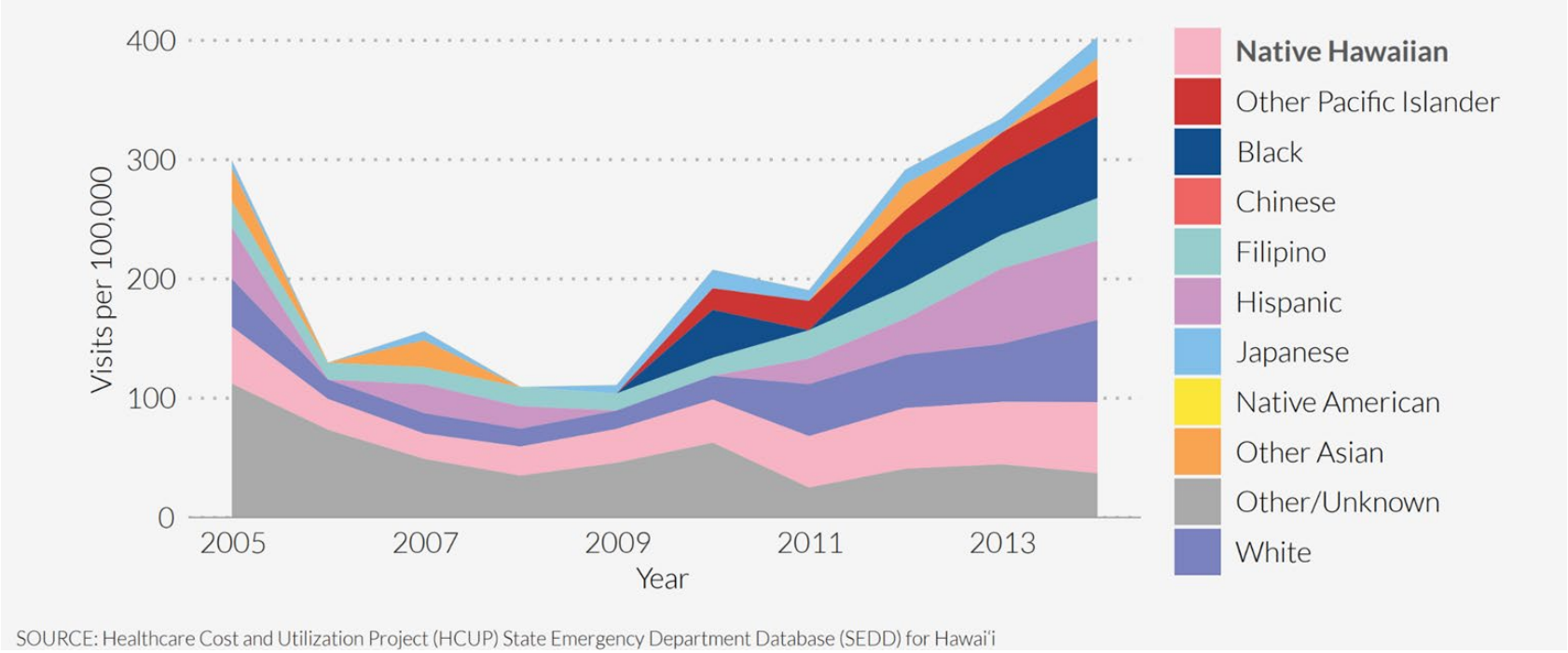
Emergency Department Visits Per 100,000 Residents with a Primary Diagnosis Related to Any Substance in the State of Hawai'i by Race, 2005-2014



SOURCE: Healthcare Cost and Utilization Project (HCUP) State Emergency Department Database (SEDD) for Hawai'i

Ch 9: Native Hawaiian Communities - Emergency Visits and Hospitalizations

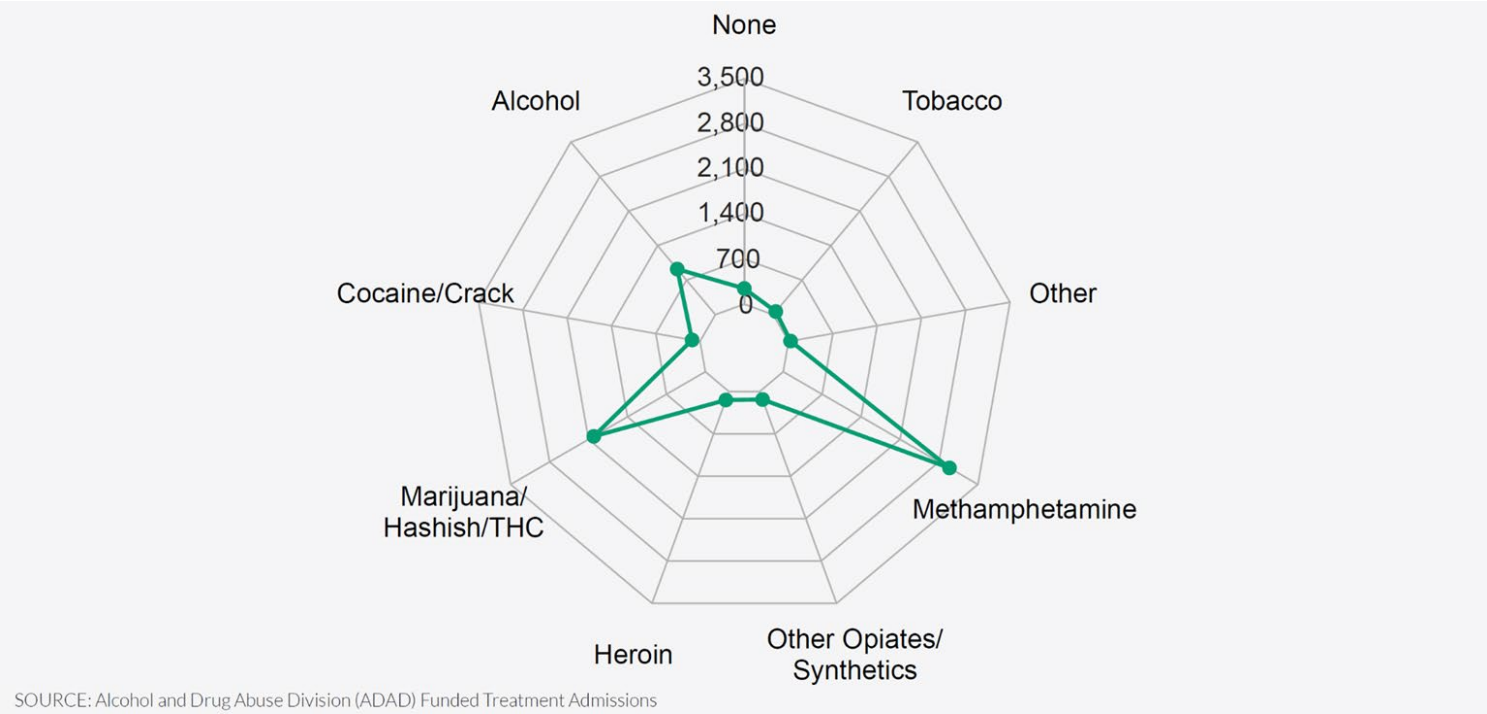
Emergency Department Visits Per 100,000 Residents with a Primary Diagnosis Related to Amphetamines in the State of Hawai'i by Race, 2005-2014



SOURCE: Healthcare Cost and Utilization Project (HCUP) State Emergency Department Database (SEDD) for Hawai'i

Ch9: Native Hawaiian Communities - Treatment

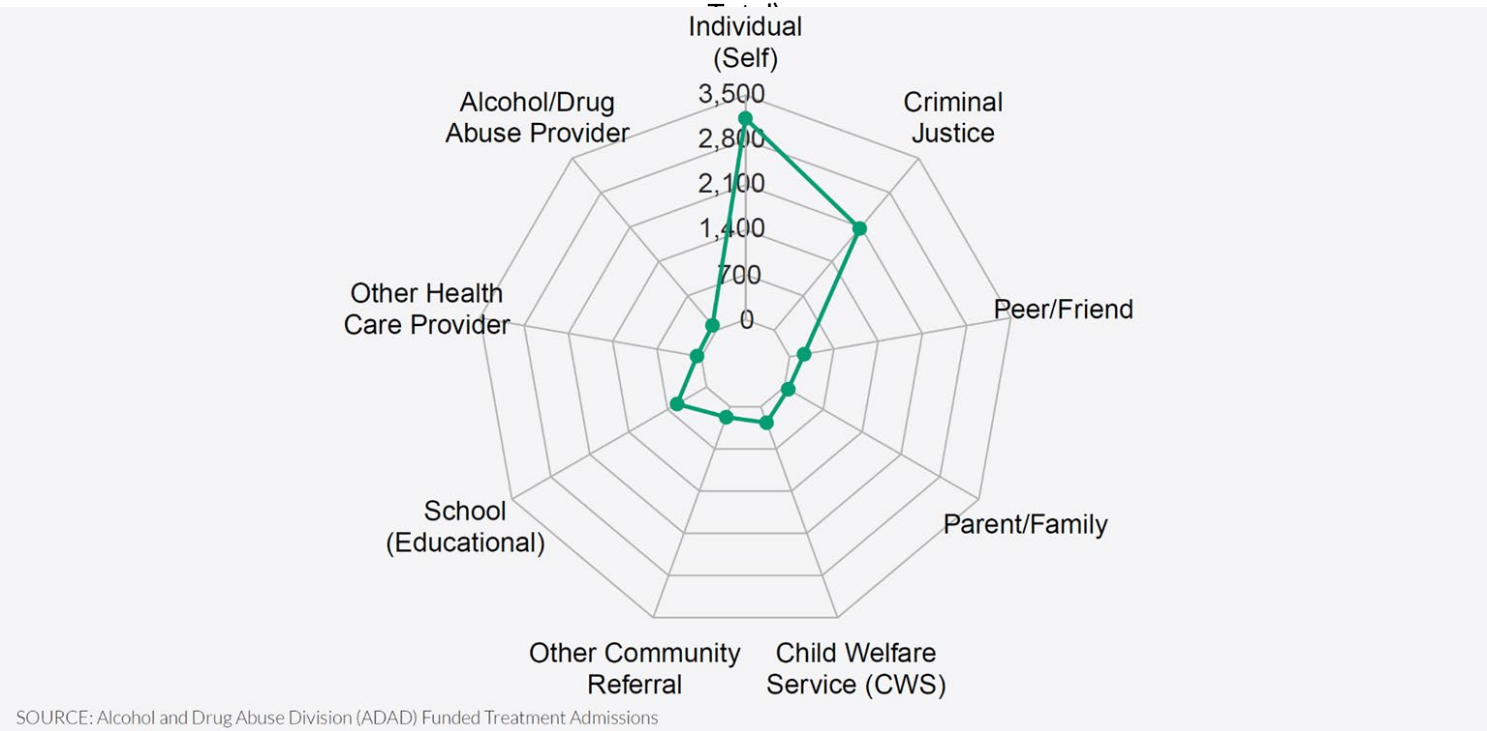
ADAD Funded Treatment Admissions for Native Hawaiians in the State of Hawai'i by Substance, 2018-2020 (3-Year Total)



SOURCE: Alcohol and Drug Abuse Division (ADAD) Funded Treatment Admissions

Ch9: Native Hawaiian Communities - Treatment

ADAD Funded Treatment Admissions for Native Hawaiians in the State of Hawai'i by Referral Source, 2018-2020 (3-Year



SOURCE: Alcohol and Drug Abuse Division (ADAD) Funded Treatment Admissions

Discussion

Discussion Question 1

As subject matter experts, what are some key highlights on substance use among the Native Hawaiian communities that you would like to share with the audience?

Discussion Question 2

How has the COVID-19 pandemic impacted substance use as well as substance use service delivery among Native Hawaiian communities in the state?

Discussion Question 3

How does the data presented in the report reflect or differ from what you have experienced while providing services?

Discussion Question 4

What are some trends you see that might be important to consider for future data collection?

2022 Statistical Report

Chapter 10: Substance Use and Rural Communities

Poll Question 3

How familiar are you with the substance use issues affecting rural communities in the state?

Poll Question 4

Are you directly involved with providing substance use services to rural communities?

Chapter 10: Rural Communities Overview

Subtopics	Datasets/Data Sources
Substance Use, Abuse, and Dependence	• National Survey on Drug Use and Health (NSDUH) • Behavioral Risk Factor Surveillance System (BRFSS) • Youth Risk Behavior Survey (YRBS)
Treatment	• National Survey on Drug Use and Health (NSDUH)

Limitations

NSDUH

- No single-year state-level data available
- Population: Civilian noninstitutionalized persons aged 12 and above
  - Exclusions: people experiencing homelessness who do not use shelters, active military personnel, and residents of institutional group quarters such as jails, nursing homes, mental institutions, and long-term care hospitals

BRFSS

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YRBS

- Self reported with challenges of under- or over- reporting
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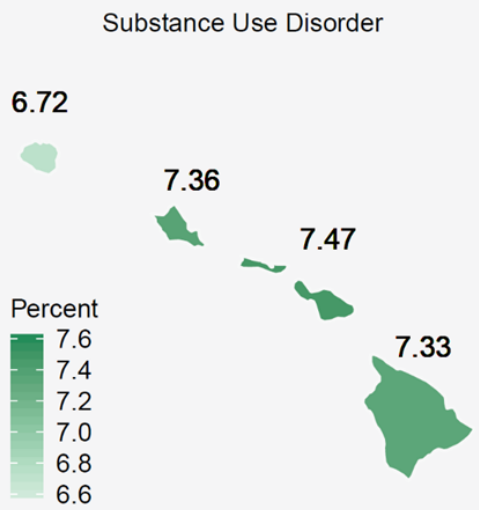
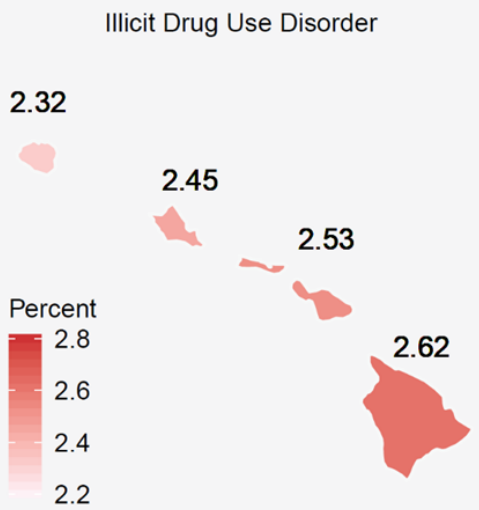
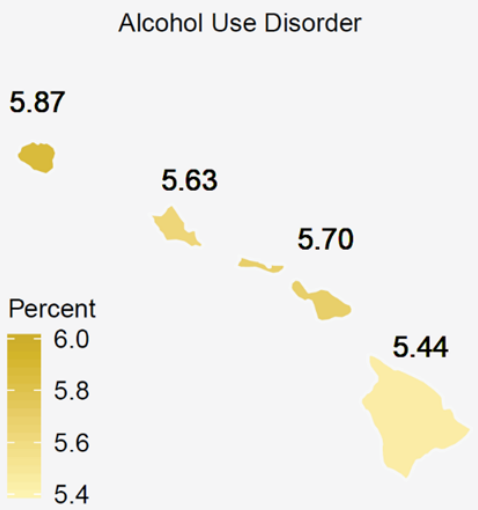
Ch 10: Rural Communities - Substance Use, Abuse, and Dependence

Substance Use Disorder in the Past Year Among Individuals Aged 18 or Older by County, 2016-2018 Annual Averages



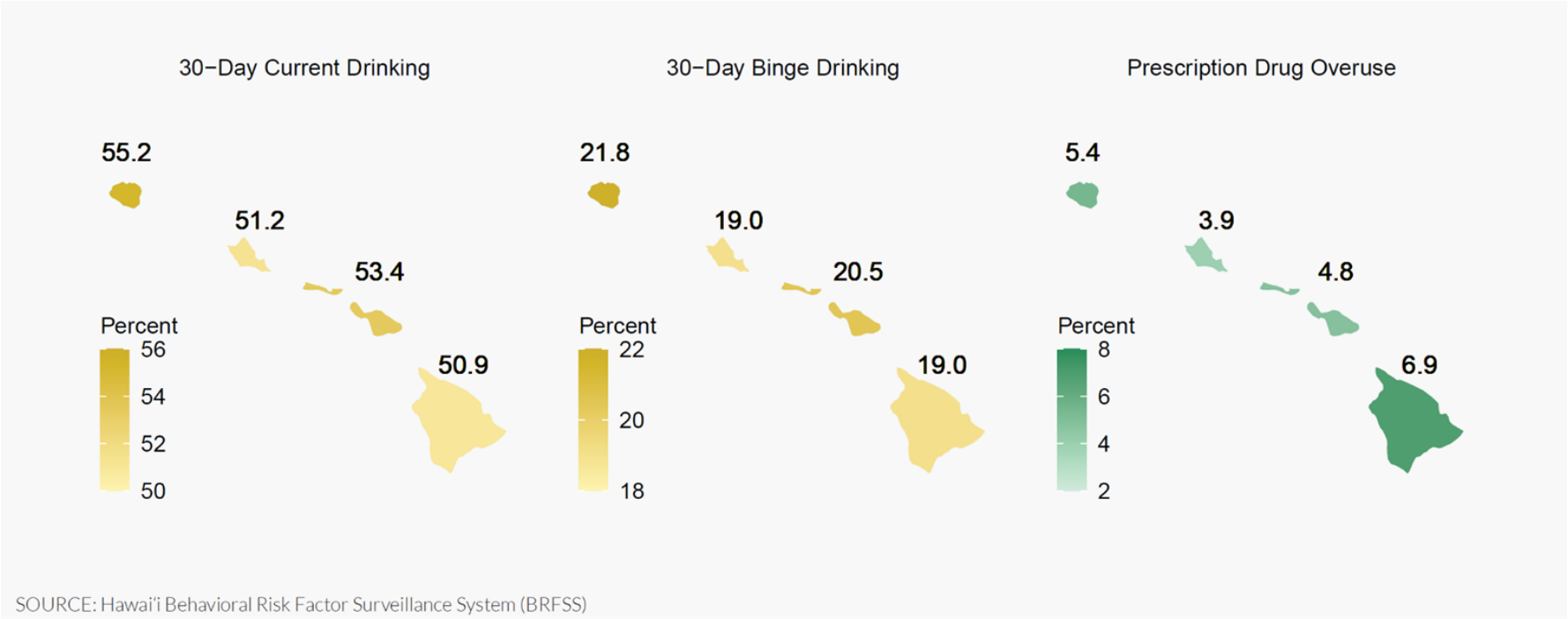




SOURCE: 2016-2018 National Survey on Drug Use and Health (NSDUH) Substate Region Estimates and Substate Region Estimates by Age Group

Ch 10: Rural Communities - Substance Use, Abuse, and Dependence

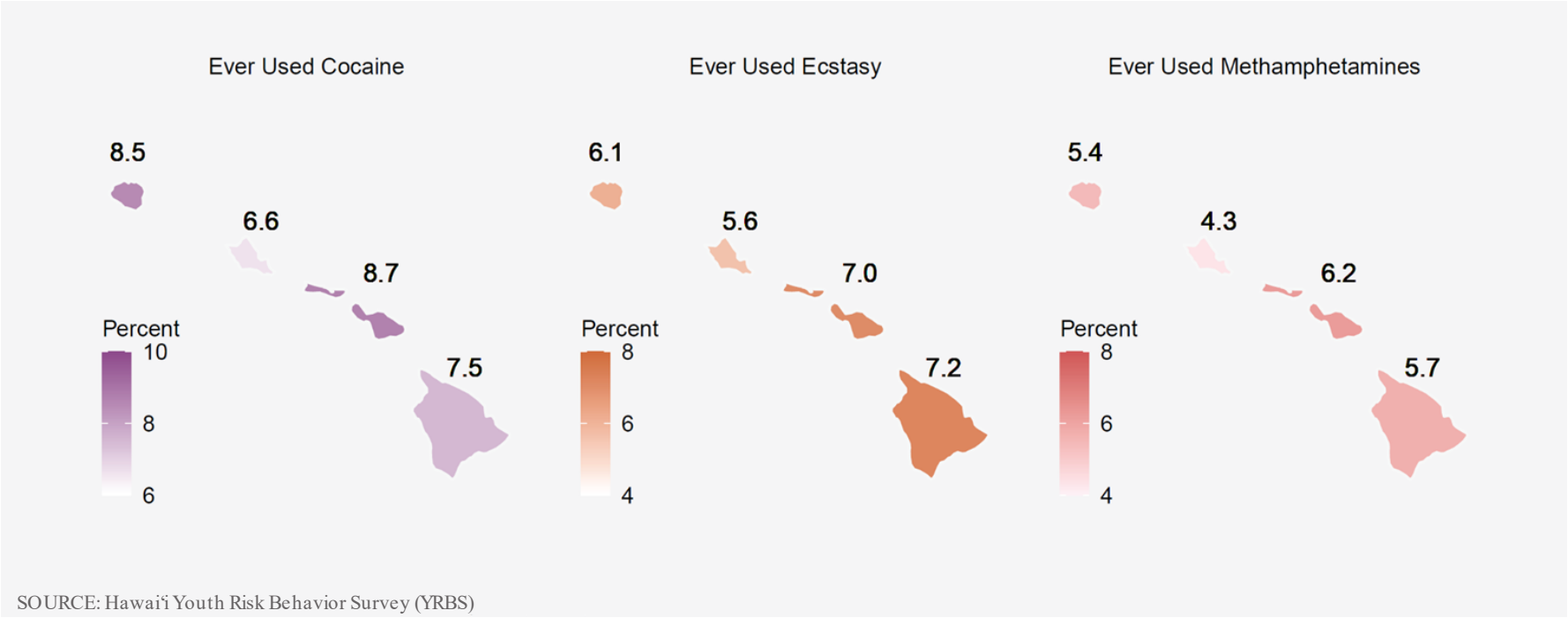
30-Day Drinking, 30-Day Binge Drinking, and Prescription Drug Overuse by County, 2017



SOURCE: Hawai'i Behavioral Risk Factor Surveillance System (BRFSS)

Ch 10: Rural Communities - Substance Use, Abuse, and Dependence

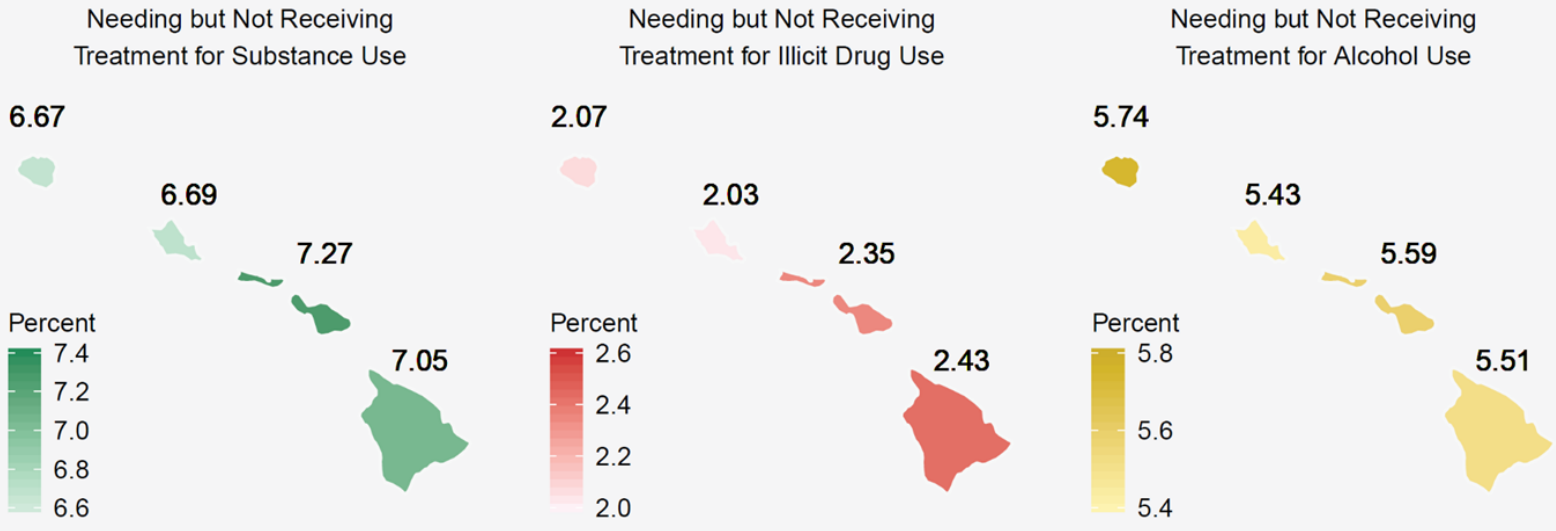
Ever Used Cocaine, Ecstasy, or Methamphetamines Among Public High School Students by County, 2017



SOURCE: Hawai'i Youth Risk Behavior Survey (YRBS)

Ch 10: Rural Communities - Treatment

Needing but Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year Among Individuals Aged 18 or Older by County, 2016-2018 Annual Averages



SOURCE: 2016-2018 National Survey on Drug Use and Health (NSDUH) Substate Region Estimates and Substate Region Estimates by Age Group

Discussion

Discussion Question 5

As subject matter experts, what are some key highlights on substance use among rural communities that you would like to share with the audience?

Discussion Question 6

How has the COVID-19 pandemic impacted substance use as well as substance use service delivery among rural communities in the state?

Discussion Question 7

How does the data presented in the report reflect or differ from what you have experienced while providing services?

Discussion Question 8

What are some trends you see that might be important to consider for future data collection?

Webinar Series Schedule

Webinar Focus Topics	Dates
Introduction to the State Plan Chapter 2: Substance Use	05/13/2022 Webinar 1 Recording
Chapter 4: Substance Use and Mental Health Chapter 5: Substance Use and Homelessness	05/20/2022 Webinar 2 Recording
Chapter 6: Substance Use and Criminal Justice Chapter 7: Substance Use and Juvenile Justice	06/03/2022 Webinar 3 Recording
Chapter 9: Substance Use and Native Hawaiian Communities Chapter 10: Substance Use and Rural Communities	06/17/2022
Chapter 8: Substance Use and Family Violence Chapter 12: Substance Use and Pregnant & Parenting Women	06/24/2022
Chapter 3: Substance Use Treatment and Primary Care Integration Chapter 11: Substance Use and Sexual & Gender Minorities	07/01/2022

Contact Information

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For more information, checkout the 2022 Statistical Report Consultative Draft and the Hawai‘i Behavioral Health Dashboard

Report link: http://go.hawaii.edu/xxo (read only)
Report Password: [PHAC]<2022>{UHManoa}
(please copy and paste password if typing the password does not work)

Dashboard: http://hawaii.edu/aging/hbhd/

Post Webinar Survey

Mahalo!

Please join us at the next webinar!

Upcoming Webinars

Webinar Focus Topics	Dates
Chapter 8: Substance Use and Family Violence Chapter 12: Substance Use and Pregnant & Parenting Women	06/24/2022
Chapter 3: Substance Use Treatment and Primary Care Integration Chapter 11: Substance Use and Sexual & Gender Minorities	07/01/2022