



Hawai'i Drug Overdose Surveillance & Epidemiology (DOSE)

Statewide Annual Report – Nonfatal Overdose Data – CYs 2021 & 2022

Laulima Data Alliance | Healthcare Association of Hawai'i

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Overdose Data to Action (OD2A)



Overdose Data to Action (OD2A) is a program administered by the **Centers for Disease Control and Prevention (CDC)**:

- It supports state, territorial, county, and local health departments to acquire more comprehensive and timely data on overdose morbidity and mortality.
- The program’s **GOAL** is to improve opioid overdose surveillance, reporting, and dissemination efforts through innovation to better inform preventive and early intervention methods.

SURVEILLANCE COMPONENT

01	Strategy 1	Emergency Department Data (Laulima Data Alliance)
02	Strategy 2	Drug Overdose Death Data
03	Strategy 3	Innovative Surveillance

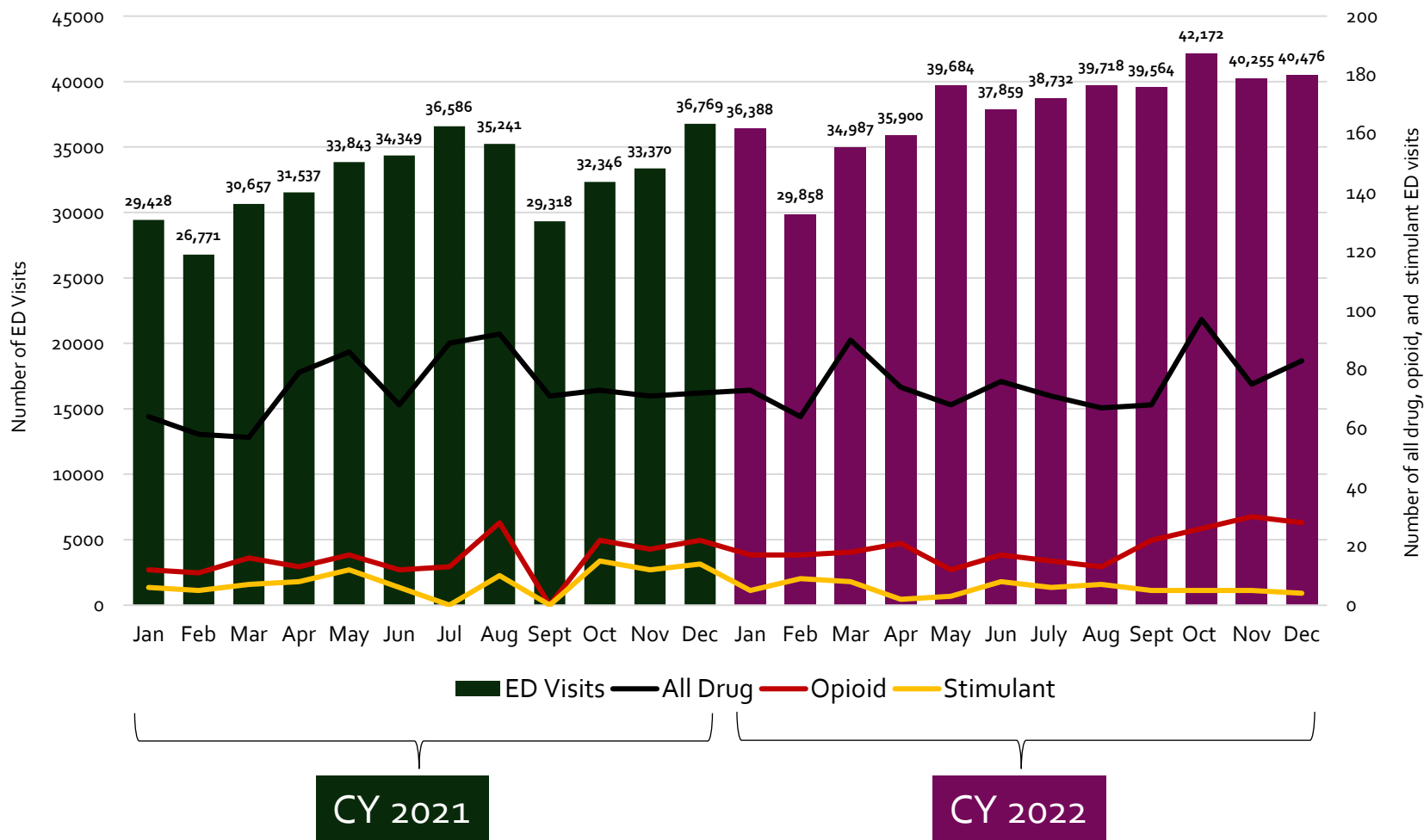
PREVENTION COMPONENT

04	Strategy 4	Prescription Drug Monitoring Program
05	Strategy 5	State-local Integration
06	Strategy 6	Linkage to Care
07	Strategy 7	Providers & Health Systems Support
08	Strategy 8	Public Safety Partnerships



Emergency Department (ED) – Laulima Data Alliance – CYs 2021 & 2022

Figure 1. ED Visits vs All Drug, Opioid, and Stimulant-involved ED Visits in Hawaii, CYs 2021-22



In CY 2021, there were a total of **880 ED visits** related to drug overdose – *unintent/undeter*

- Peaked at **92 ED visits** in **August 2021**

In CY 2022, there were a total of **906 ED visits** related to drug overdose – *unintent/undeter*

- Peaked at **97 ED visits** in **October 2022**
- **36.8% increase** in All drug-related ED visits since 2021 (including CY 2022)
- All drug-related ED visits increased by a factor of **28** since 2018 (including CY 2022)

Suspected **opioid** overdose

- 2022 – 236 ED visits
- 2021 – 185 ED visits
- 2020 – 118 ED visits

230%

Since 2018

Suspected **heroin** overdose*

- - *suppressed data; counts < 11*

Suspected **stimulant** overdose

- 2022 – 67 ED visits
- 2021 – 95 ED visits
- 2020 – 64 ED visits

710%

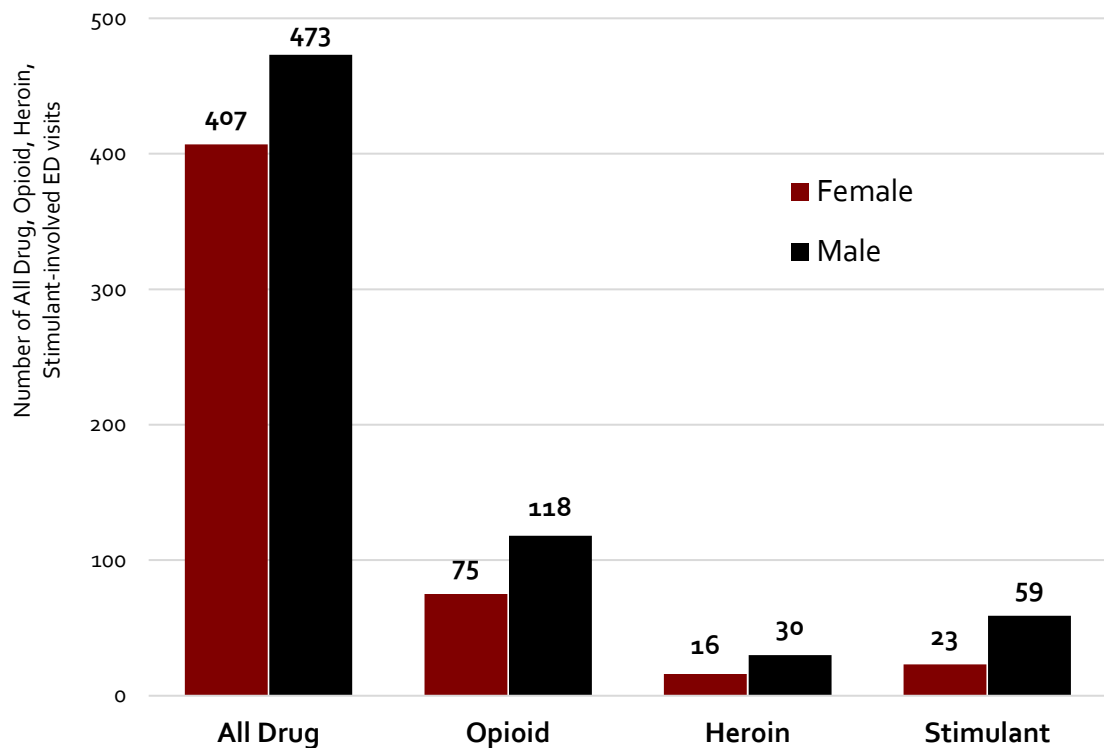
Since 2018



Emergency Department (ED) – Laulima Data Alliance – All Drug, Opioid, Heroin, & Stimulants by Sex – CY'21-22

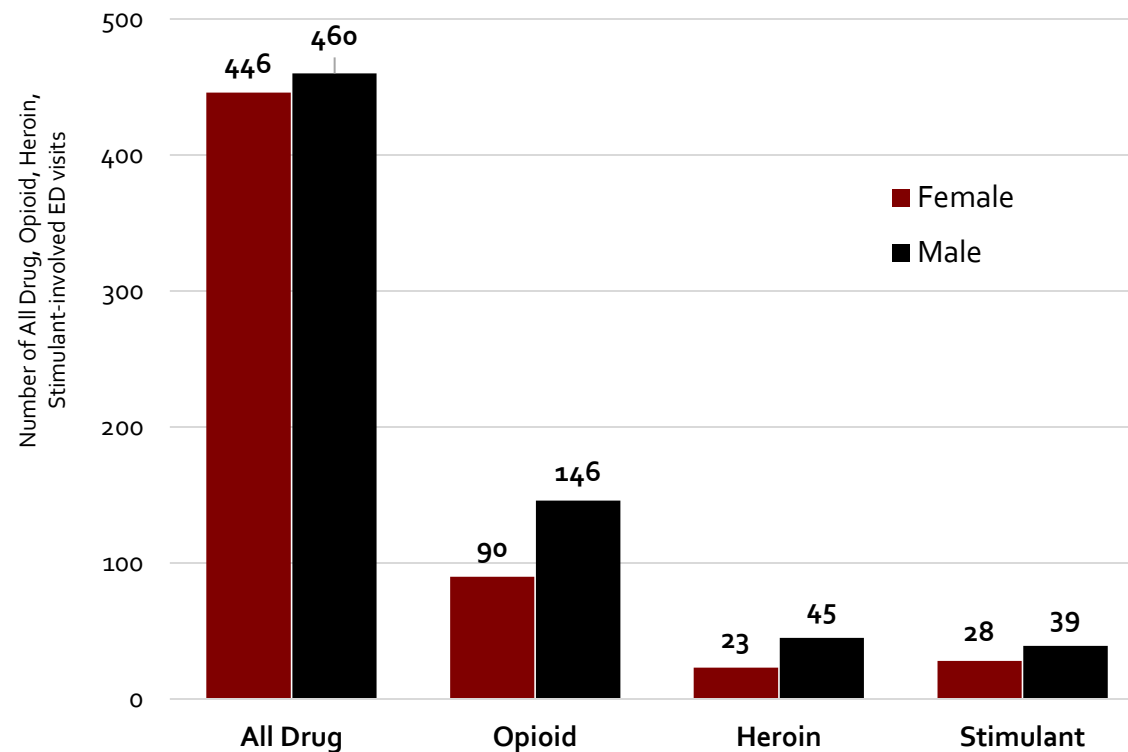
CY 2021

Figure 2. Number of All Drug, Opioid, Heroin, and Stimulant-involved ED visits by Sex, CY 2021 (n = 880)



CY 2022

Figure 3. Number of All Drug, Opioid, Heroin, and Stimulant-involved ED visits by Sex, CY 2022 (n = 906)

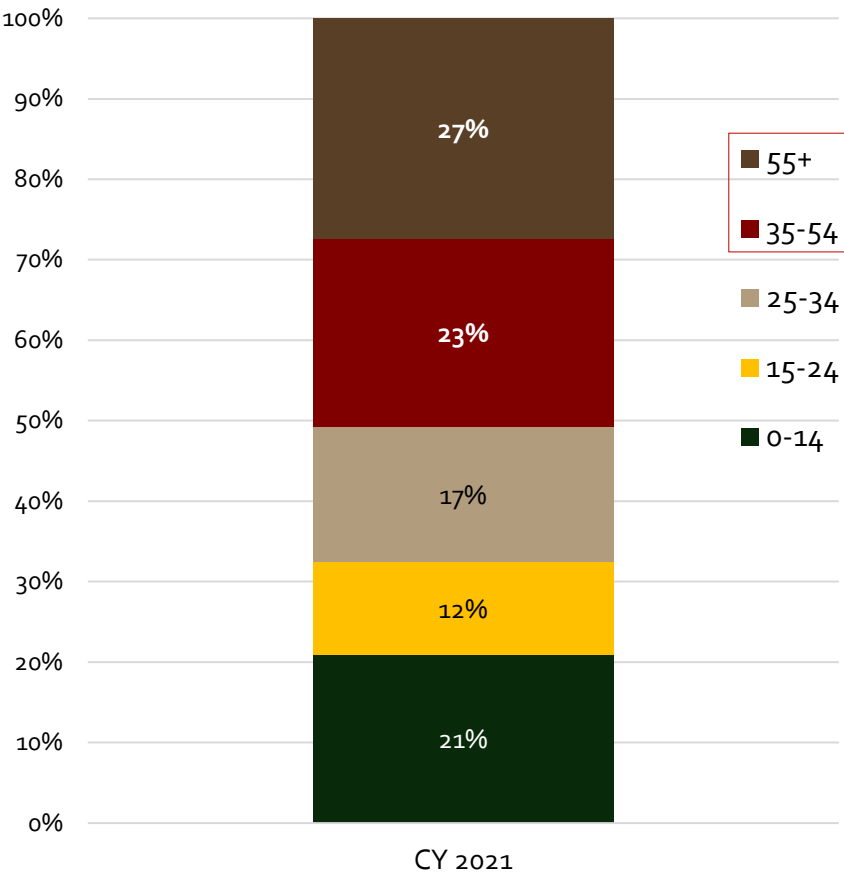




Emergency Department (ED) – Laulima Data Alliance – All Drug ED Visits by Age (%) – CYs 2021 & 2022

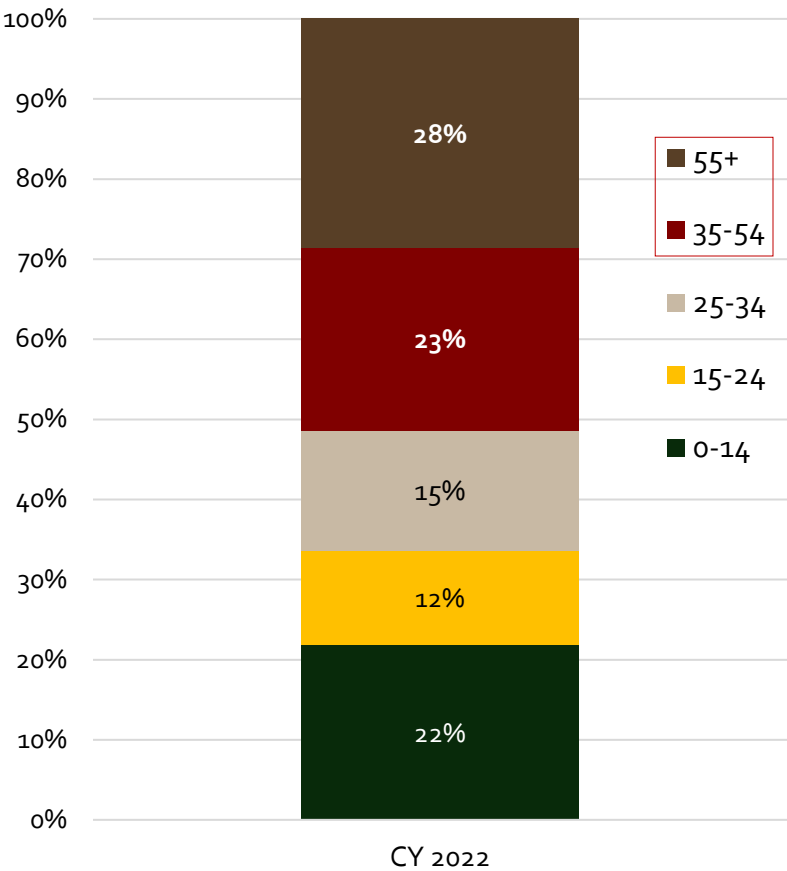
CY 2021

Figure 4. Percentage of All Drug-involved ED Visits by Age Group, CY 2021



CY 2022

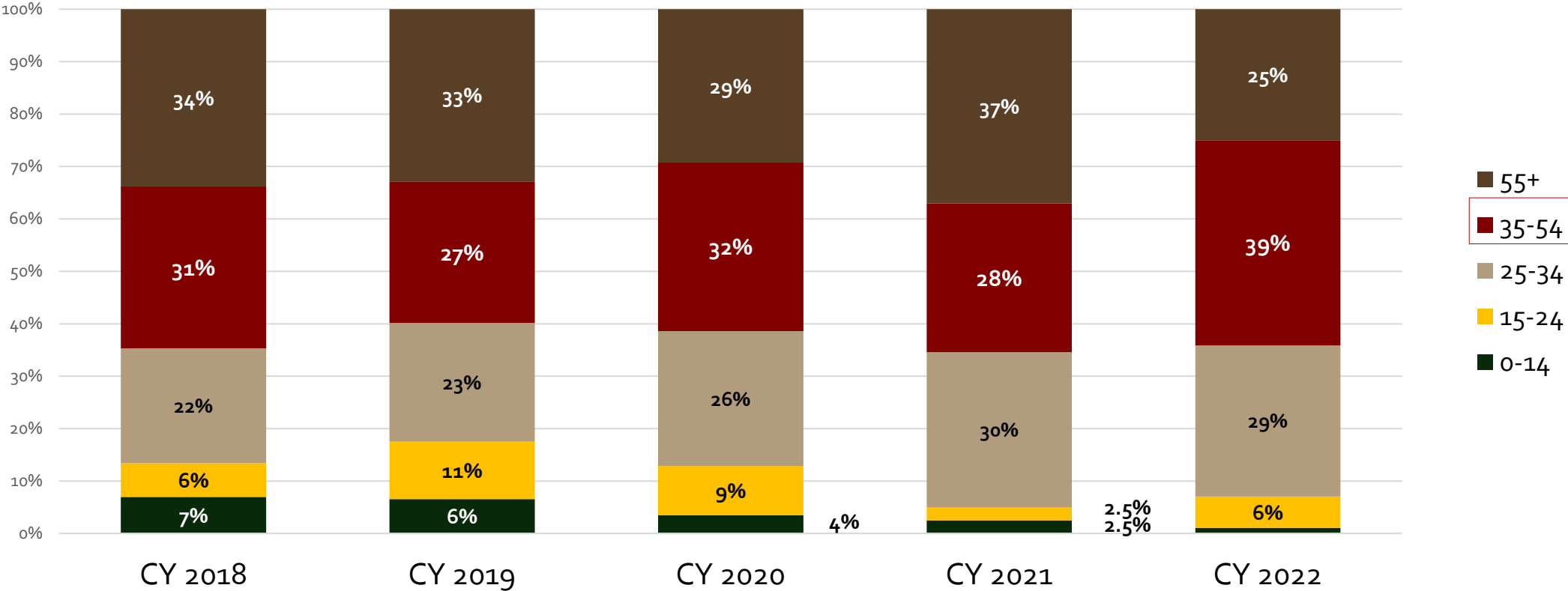
Figure 5. Percentage of All Drug-involved ED visits by Age Group, CY 2022





Emergency Department (ED) – Laulima Data Alliance – CYs 2018-2022

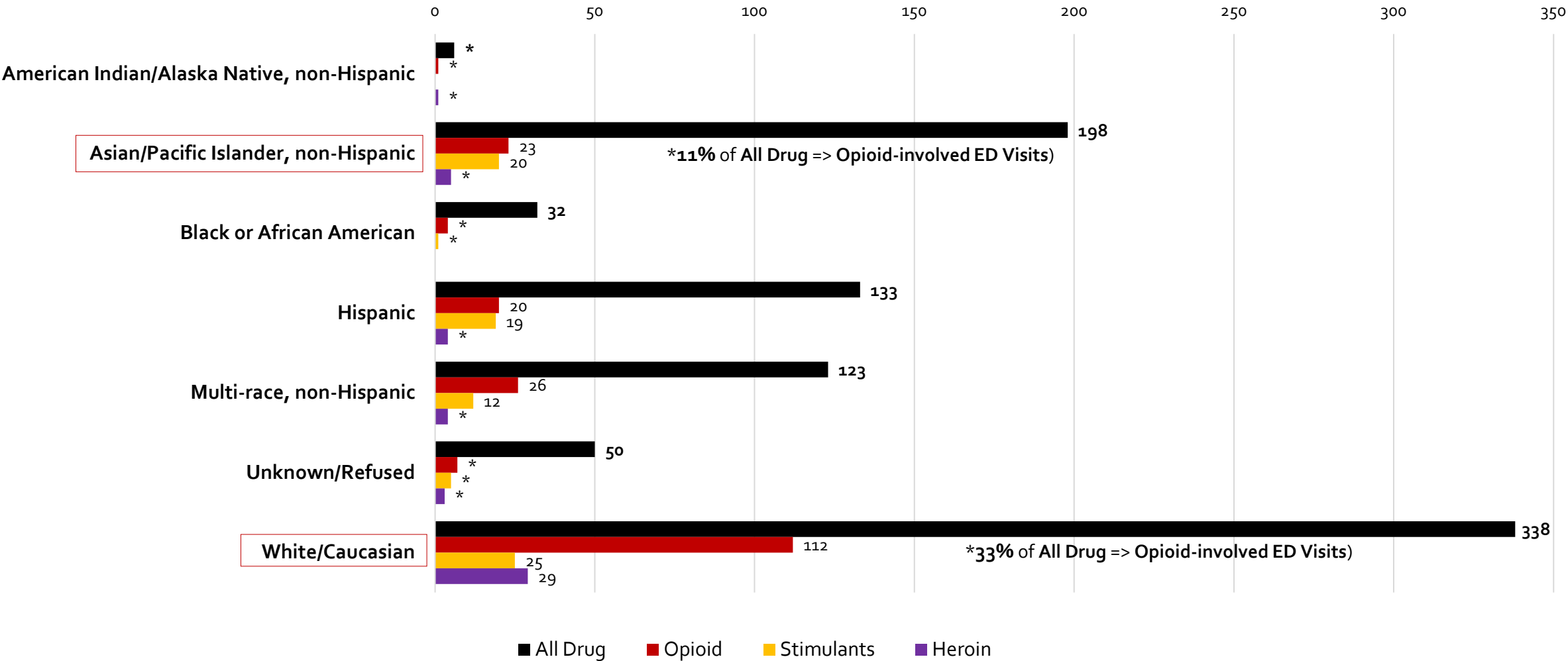
Figure 5b. Percentage of Opioid-involved ED visits (%) by Age Group, CYs 2018-2022





Emergency Department (ED) – Laulima Data Alliance – by Race/Ethnicity - CY 2021

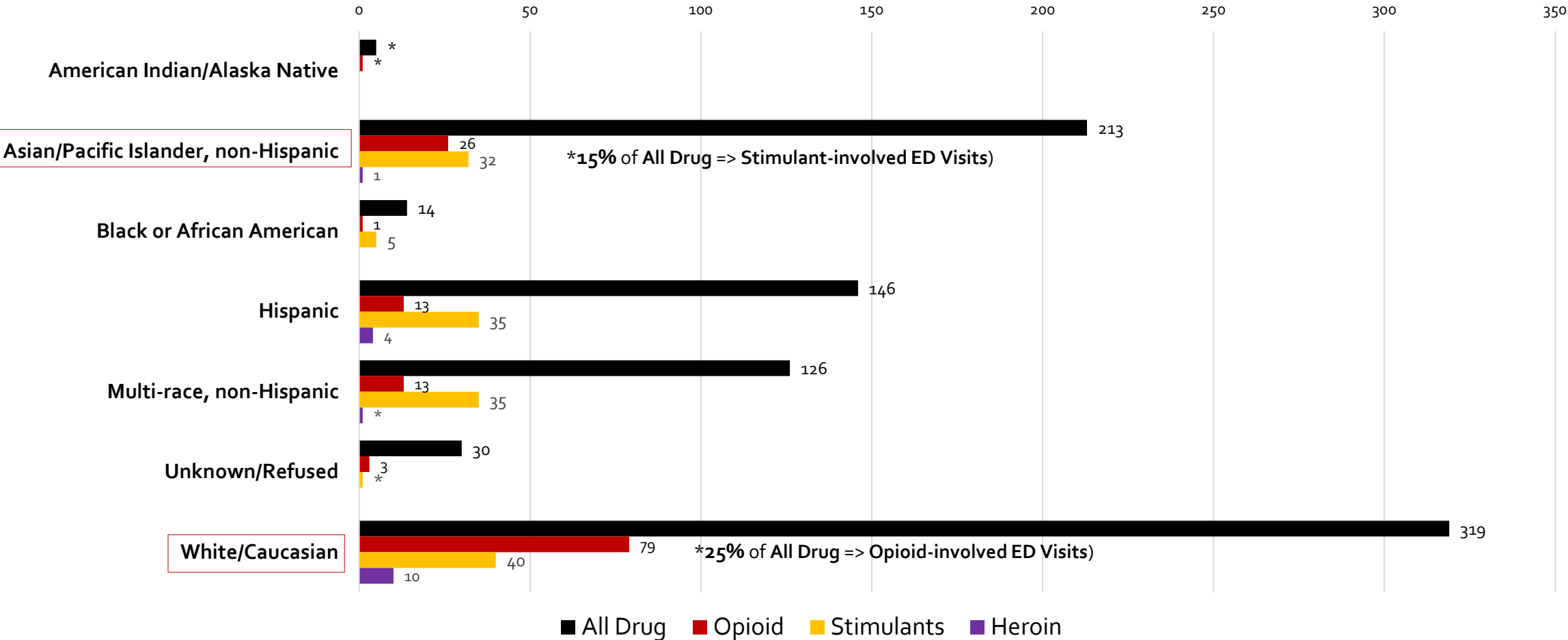
Figure 6. Number of All Drug, Opioid, Stimulant, and Heroin-involved ED Visits by Race/Ethnicity, CY 2021





Emergency Department (ED) – Laulima Data Alliance – by Race/Ethnicity - CY 2022

Figure 7. Number of All Drug, Opioid, Stimulant, and Heroin-involved ED Visits by Race/Ethnicity, CY 2022

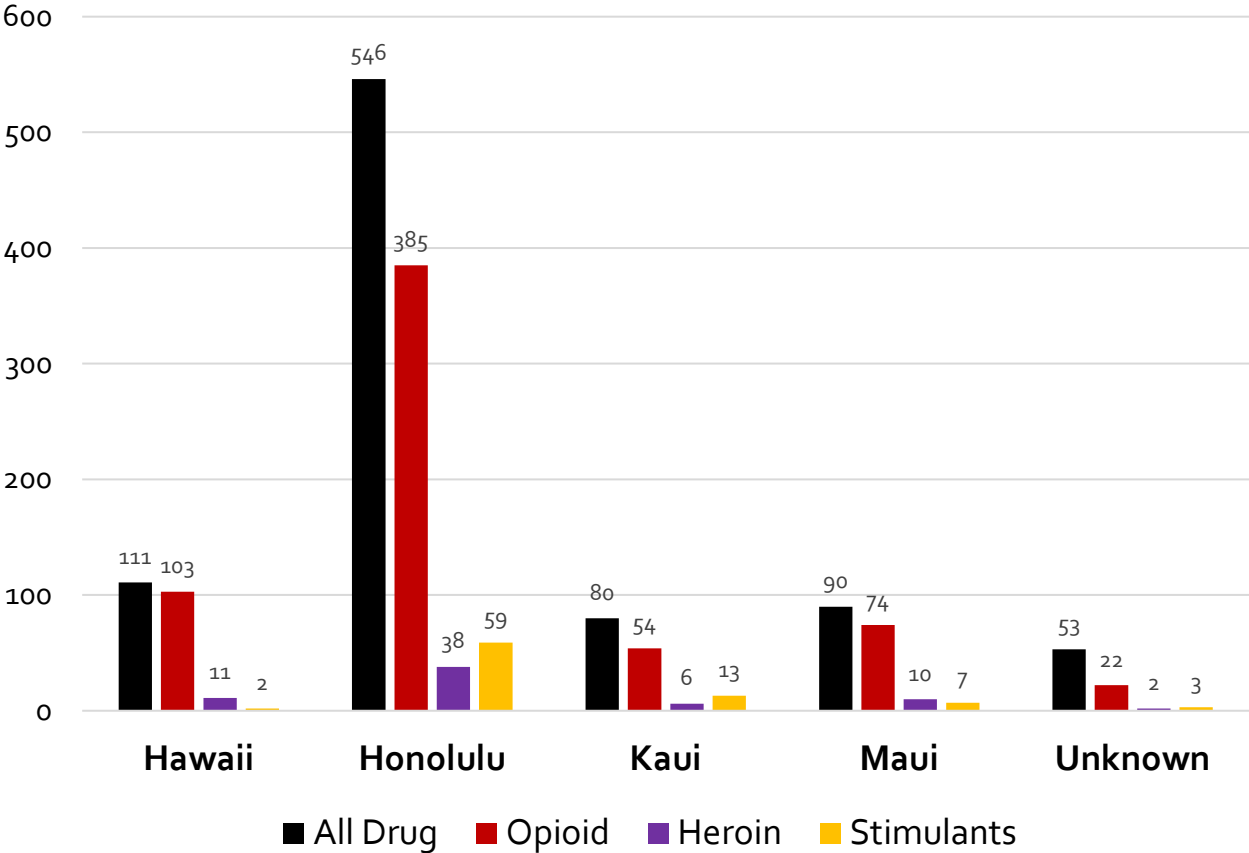




Emergency Department (ED) – Laulima Data Alliance – All Drugs by County - CYs 2021 & 2022

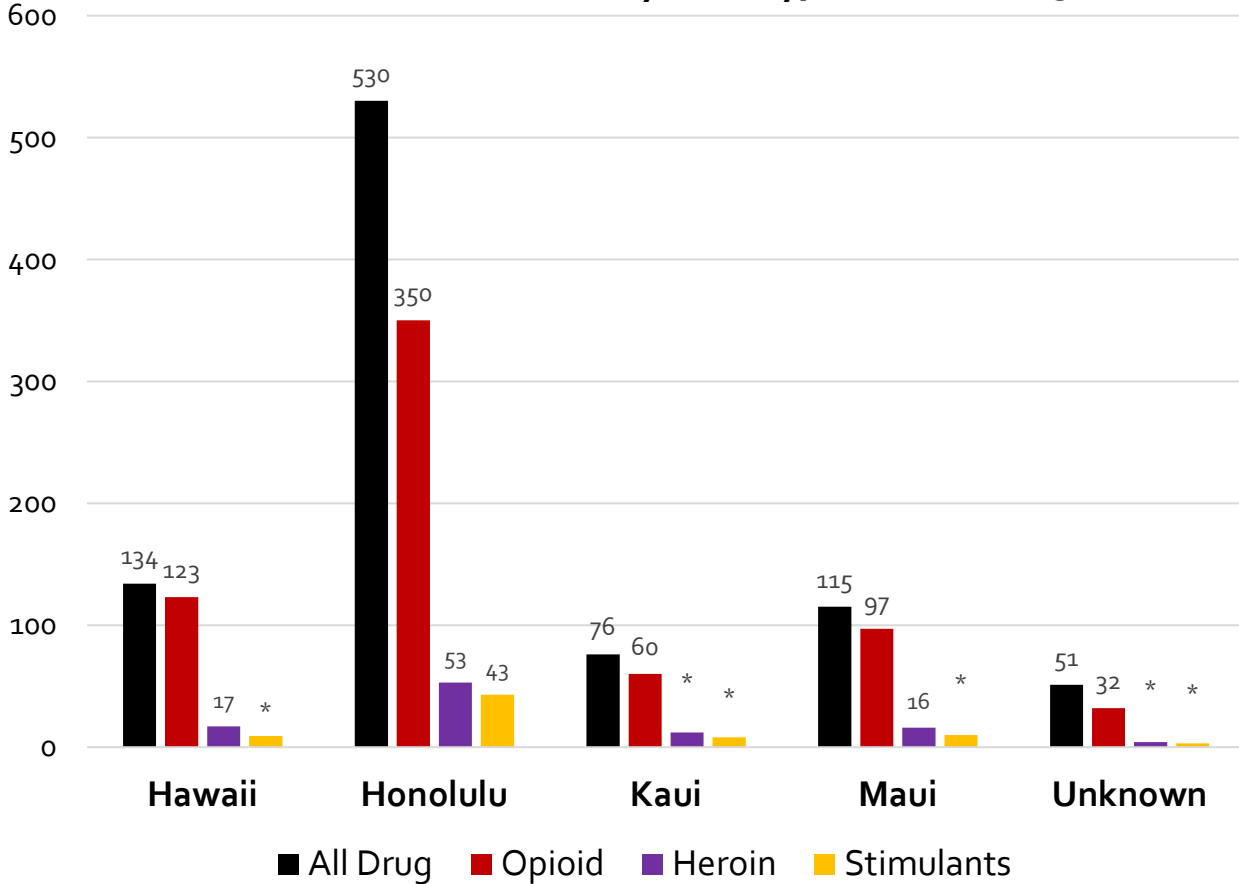
CY 2021

Figure 8. Number of All Drug, Opioid, Stimulant, and Heroin-involved ED Visits by County, CY 2021 (n = 880)



CY 2022

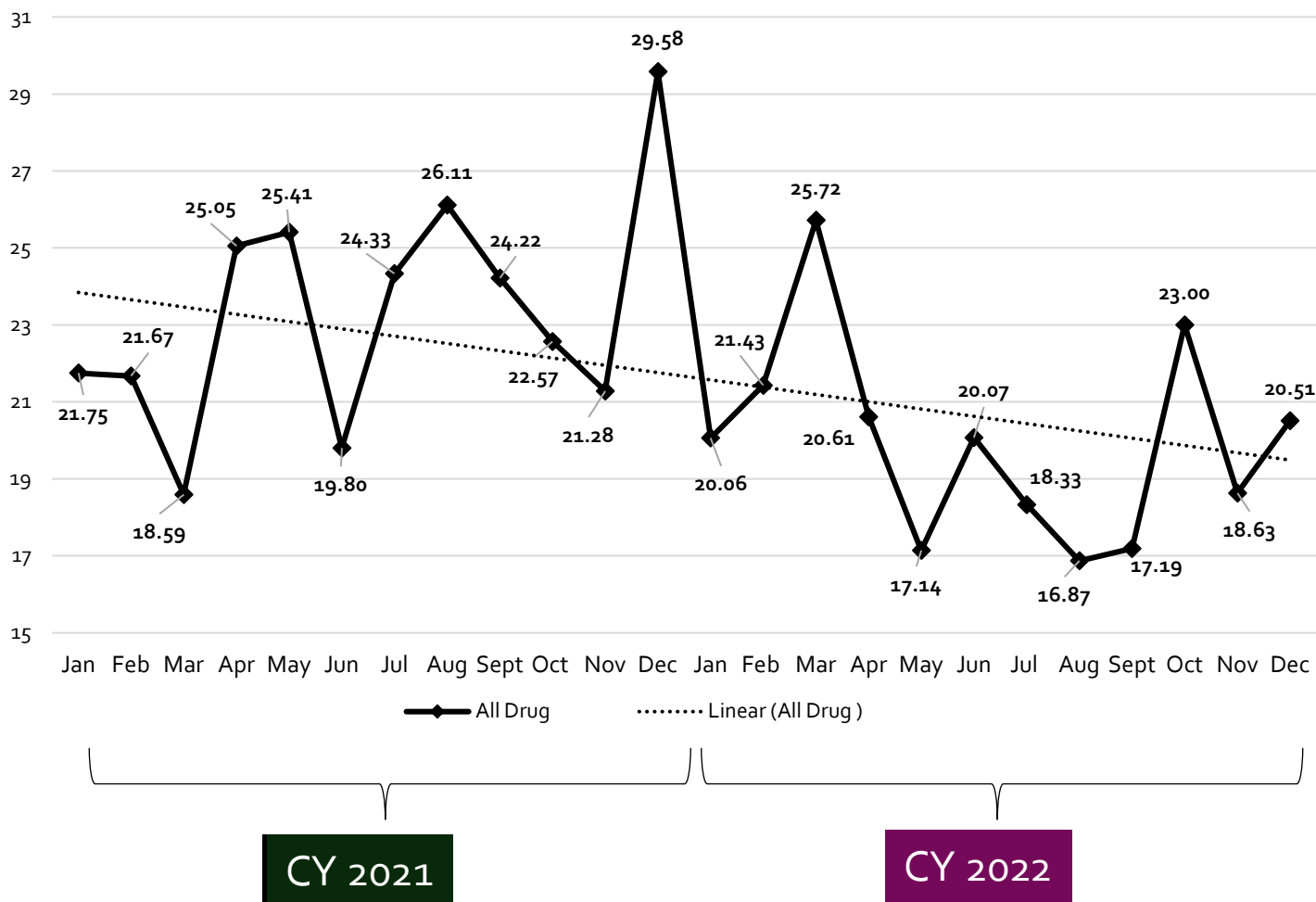
Figure 9. Number of All Drug, Opioid, Stimulant, and Heroin-involved ED Visits by County, CY 2022 (n = 906)





Emergency Department (ED) – Laulima Data Alliance – CYs 2021 & 2022

Figure 10. Monthly Rates for All Drug-related ED Visits in Hawaii, CY 2021 & 2022 (per 10k ED visits)



Monthly rates for All Drug-related ED visits decreased overall (-18.9%) for the period of Jan '21 – Dec '22.

- Peaked at 29.58 (per 10k ED visits) in Dec '21
- Troughed at 16.87 (per 10k ED visits) in Aug '22.

Opioid-involved

- - suppressed data; counts < 11

Heroin-involved*

- - suppressed data; counts < 11

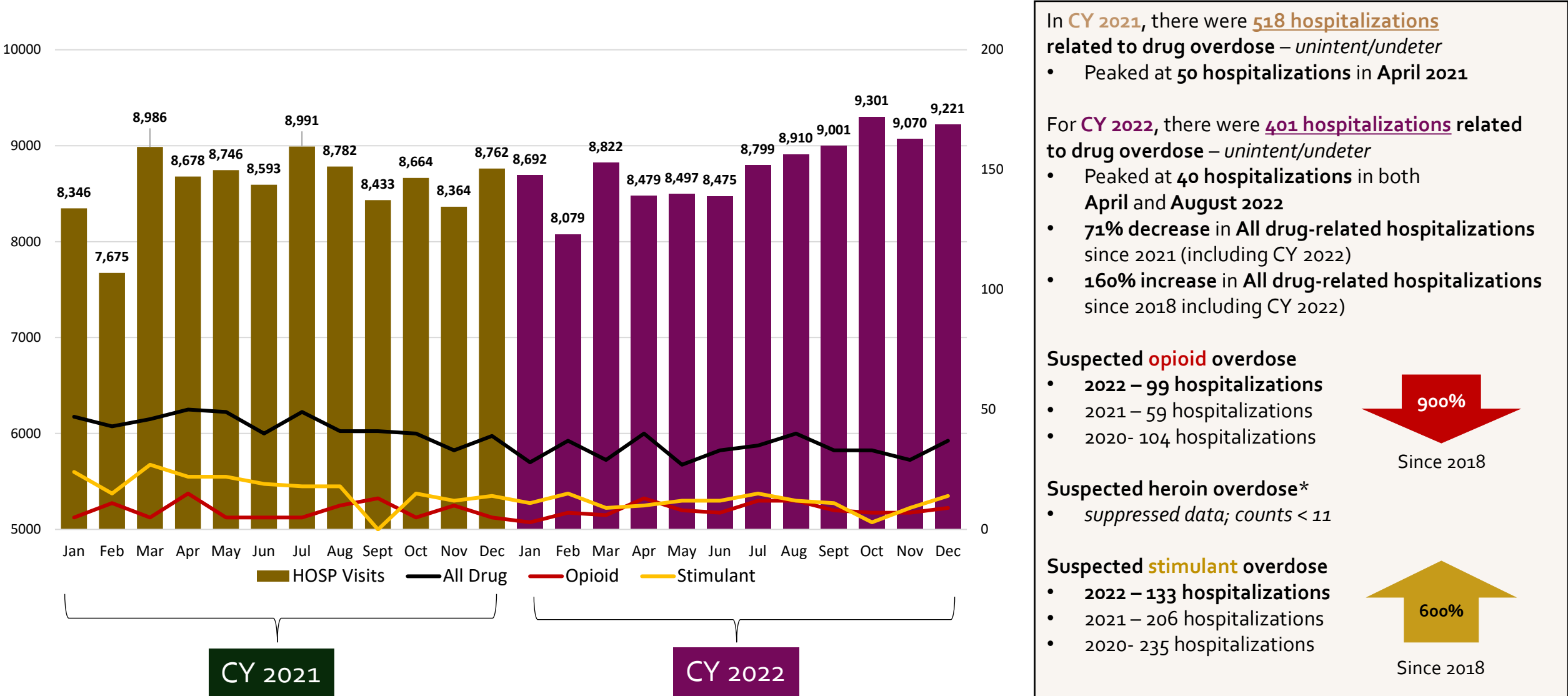
Stimulant-involved*

- - suppressed data; counts < 11



Hospitalizations - Laulima Data Alliance – CY 2021 & 2022

Figure 11. Hospitalizations vs All Drug, Opioid, and Stimulant-involved Hospitalizations, CY 2021 & 2022

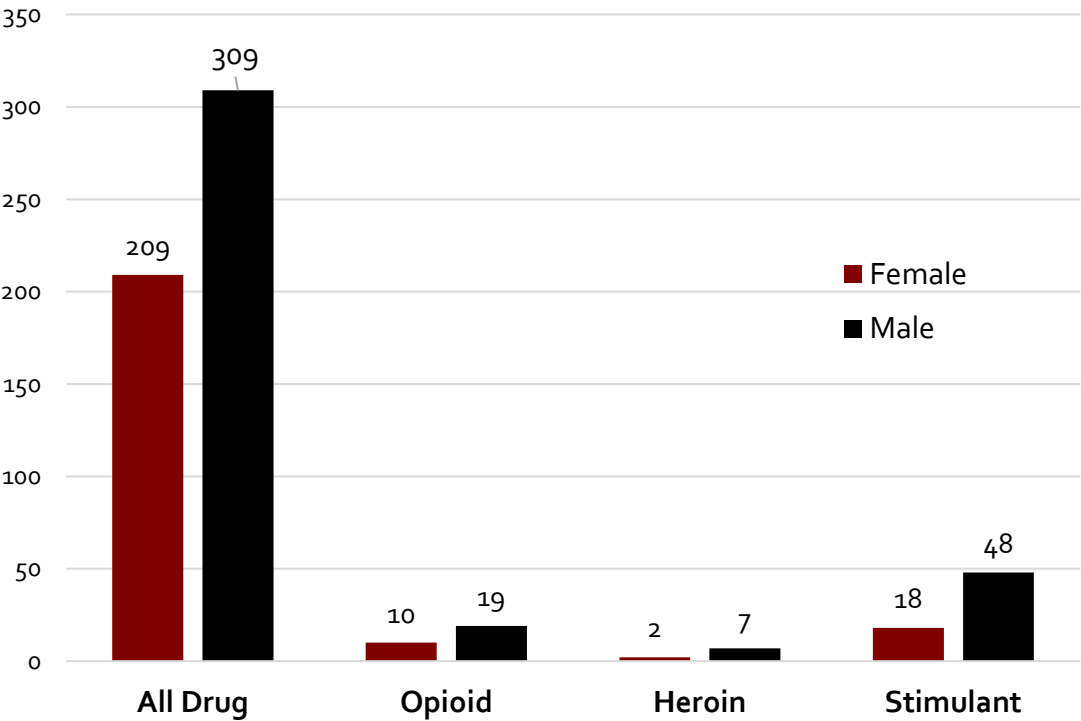




Hospitalizations – Laulima Data Alliance – All Drug, Opioid, Heroin, & Stimulants by Sex – CYs 21-22

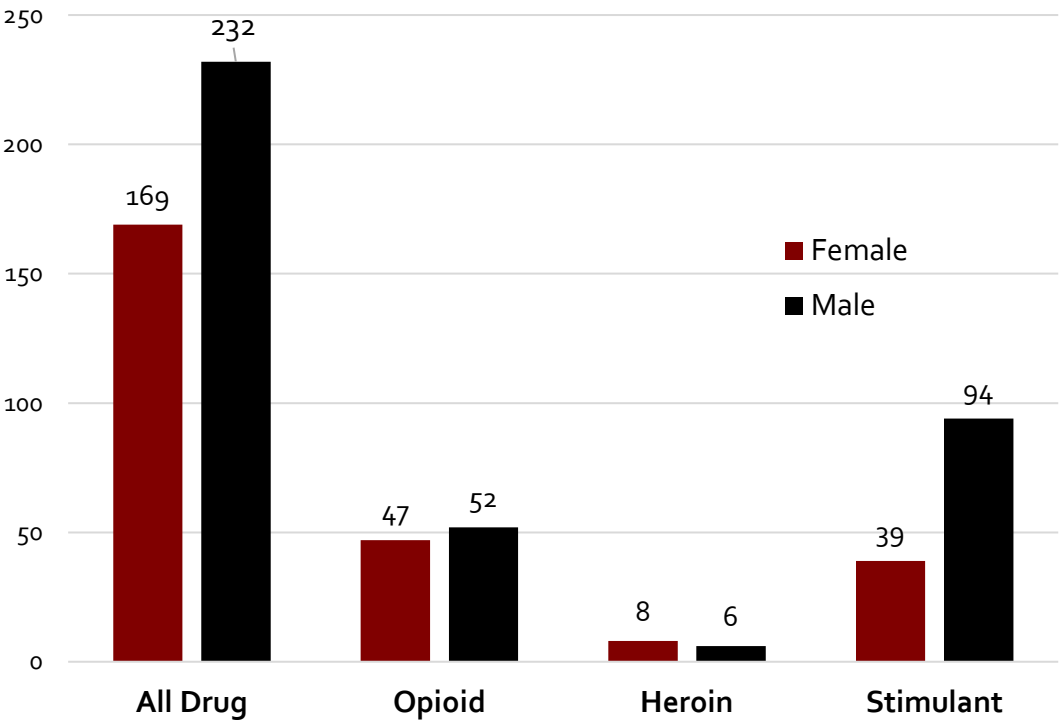
CY 2021

Figure 12. Number of All Drug, Opioid, Heroin, and Stimulant-involved Hospitalizations by Sex, CY 2021 (n = 518)



CY 2022

Figure 13. Number of All Drug, Opioid, Heroin, and Stimulant-involved Hospitalizations by Sex, CY 2022 (n = 401)

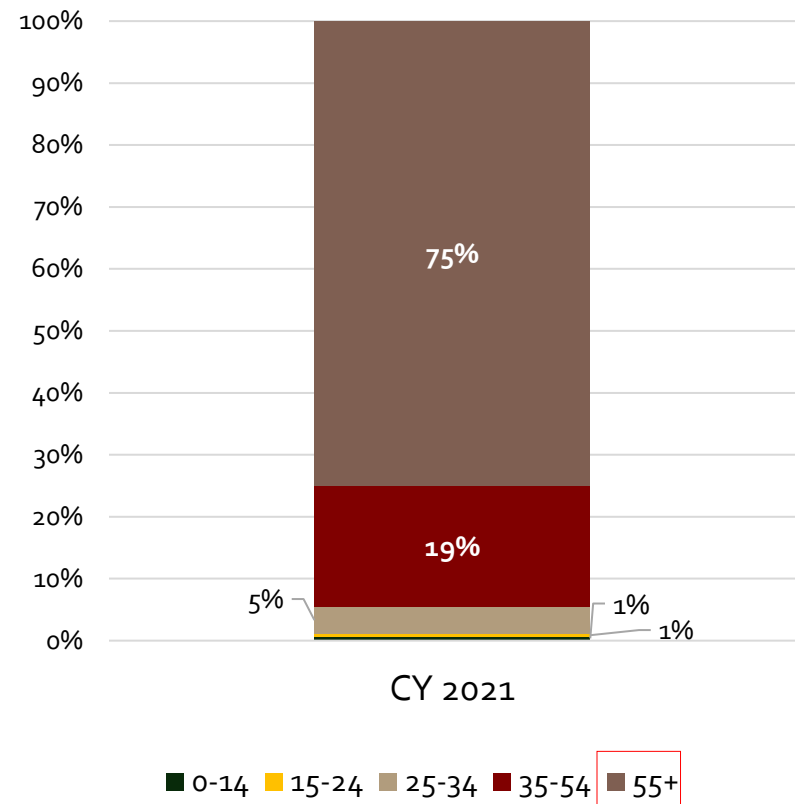




Hospitalizations – Laulima Data Alliance – All Drug ED Visits by Age (%) – CYs '21 & '22

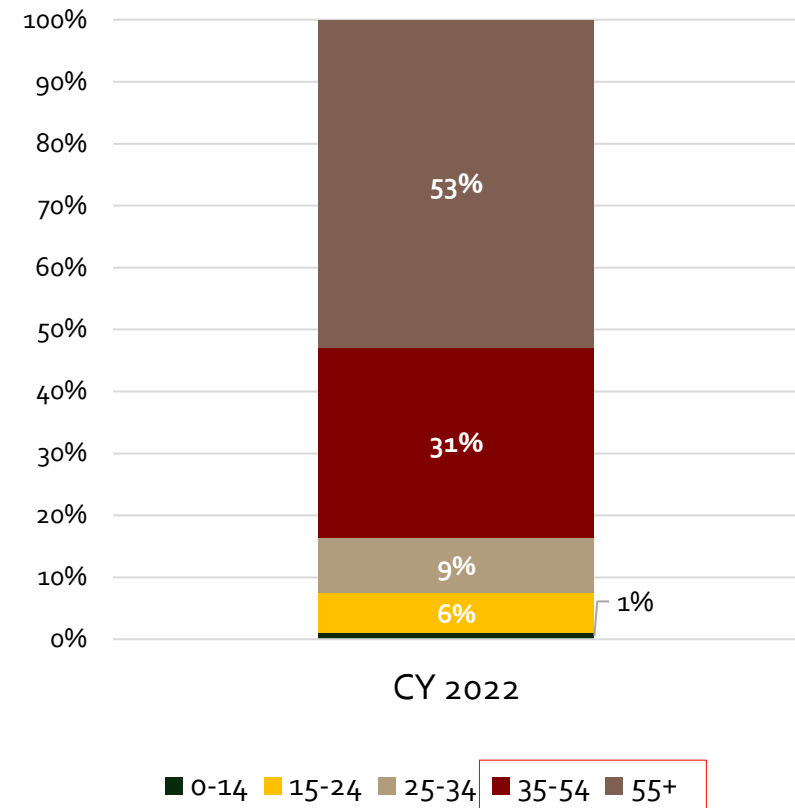
CY 2021

Figure 14. Percentage of All Drug-related Hospitalizations (%) by Age Group, CY 2021



CY 2022

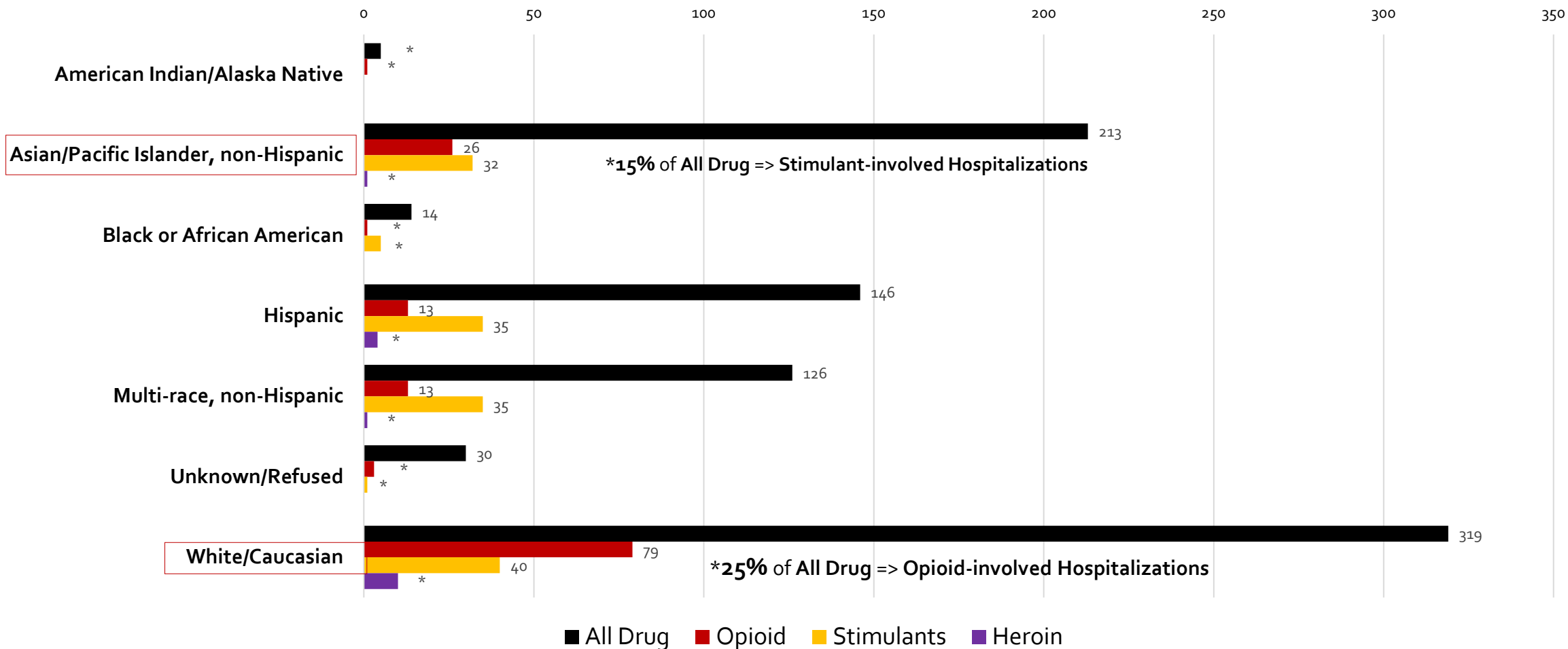
Figure 15. Percentage of All Drug-related Hospitalizations (%) by Age Group, CY 2022





Hospitalizations – Laulima Data Alliance – by Race/Ethnicity - CY 2022

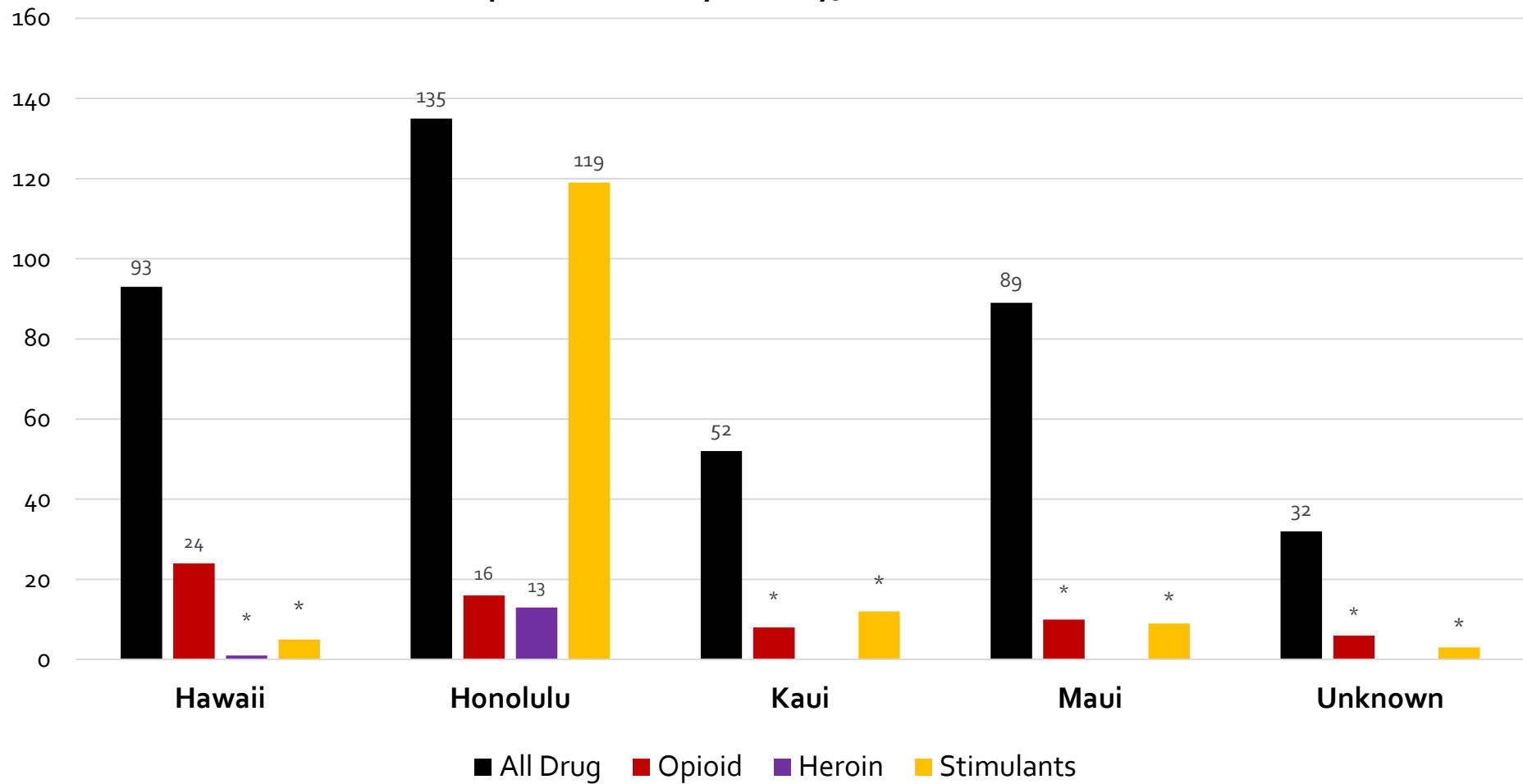
Figure 16. Number of All Drug, Opioid, Stimulant, and Heroin-involved Hospitalizations by Race/Ethnicity, CY 2022





Hospitalizations – Laulima Data Alliance – All Drug, Opioid, Heroin, and Stimulants by County - CY 2022

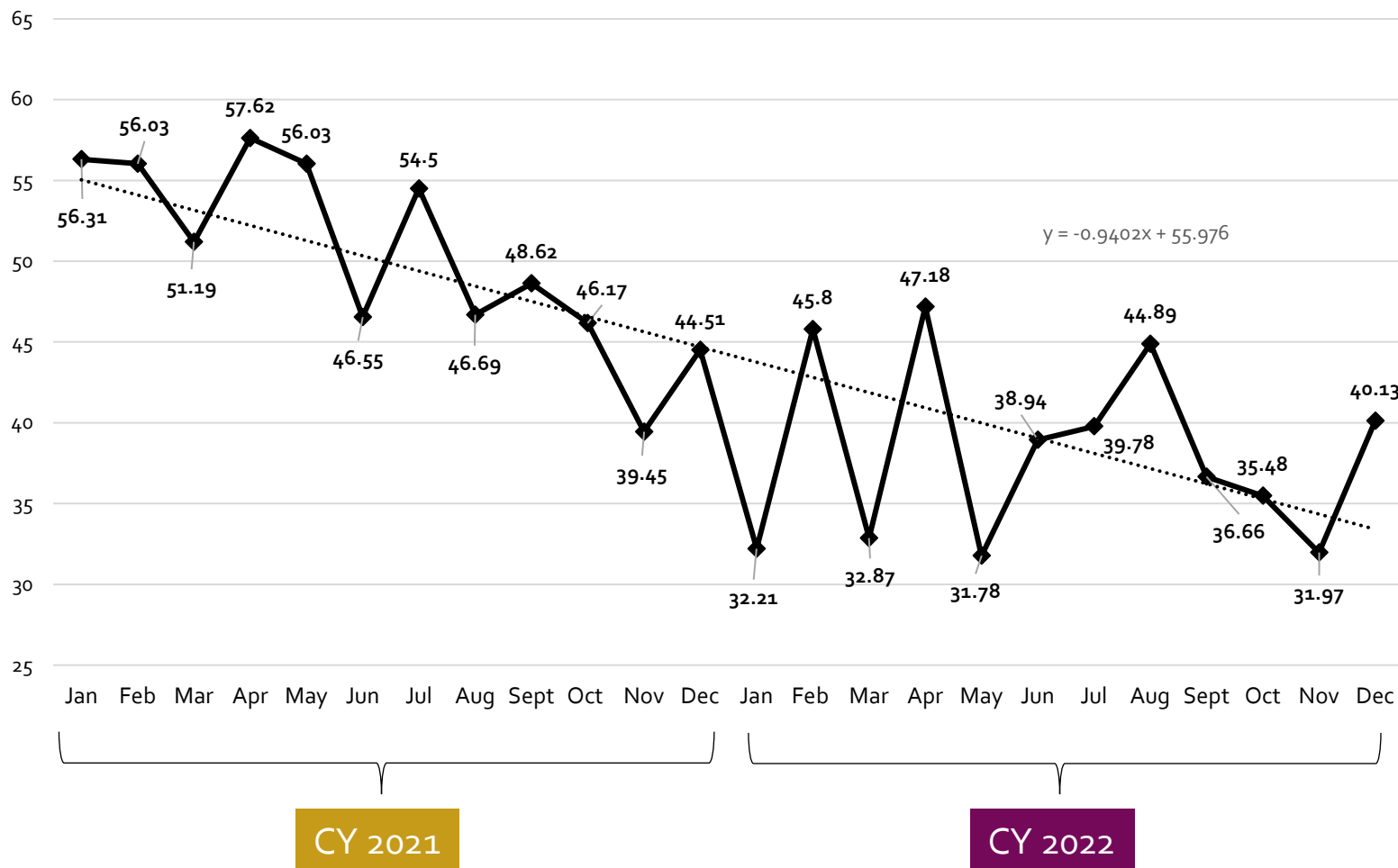
Figure 17. Number of All Drug, Opioid, Stimulant, and Heroin-involved Hospitalizations by County, CY 2022 (n = 401)





Hospitalizations – Laulima Data Alliance – CY 2021 & Q1-3, 2022

Figure 18. Monthly Rates for All Drug-related Hospitalizations in Hawaii, CY 2021 & 2022 (per 10k hospitalizations)



Monthly rates for All Drug-related hospitalizations decreased overall (-94%) for the period of Jan '21 – Dec '22.

- Peaked at 57.62 (per 10k hospitalizations) in Apr '21
- Troughed at 31.78 (per 10k hospitalizations) in May '22

Opioid-involved

- - suppressed data; counts < 11

Heroin-involved*

- - suppressed data; counts < 11

Stimulant-involved*

- - suppressed data; counts < 11



Hawaii Drug Overdose Surveillance & Epidemiology (DOSE) Report

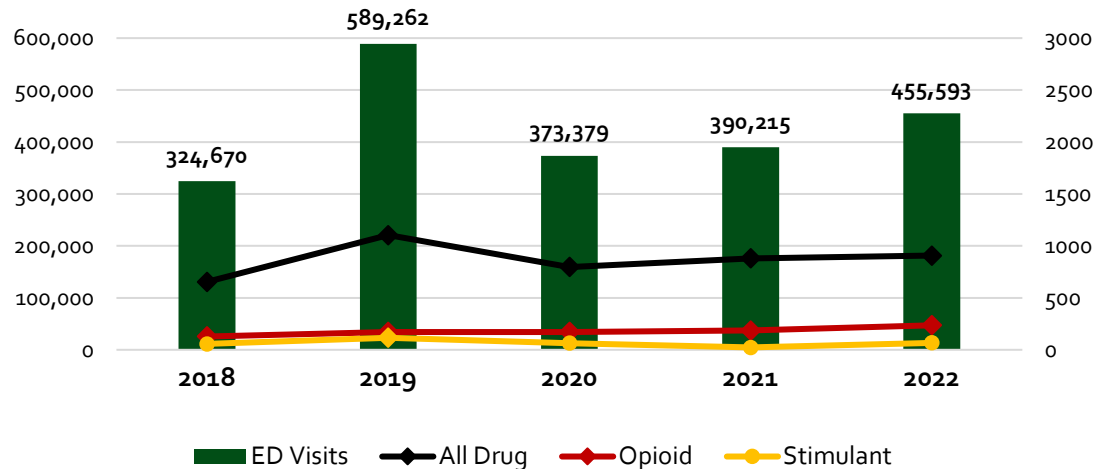
Statewide Annual Report – CYs 2018 - 2022

KEY FINDINGS

Emergency Department

- Demographically, **All Drug-related ED visits** in **CY 2022** were mostly **White/Caucasian (38%)**, **Male (51%)**, **55 years and older (28%)** and **35-54 years (23%)**, and from **Honolulu county (58%)**.
- **Monthly rates for All Drug-related ED visits** (per 10,000 ED visits) **decreased in CY 2022 (-11%)** ; and **decreased between CY'21 –'22 (-18.9%)**.

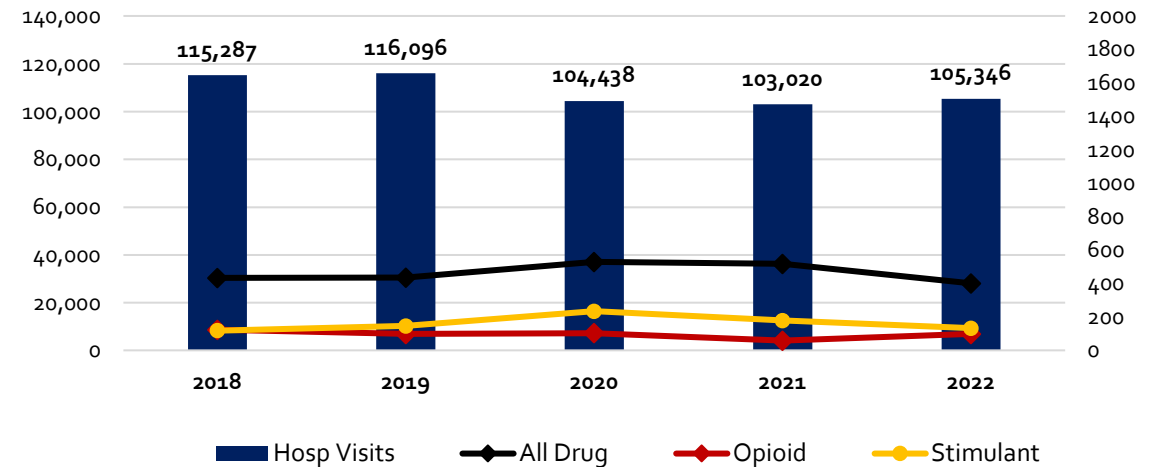
Figure 19. Number of ED Visits vs. All Drug, Opioid, and Stimulant-involved ED Visits by Year, CYs 2018 –2022



Hospitalizations

- Demographically, **All Drug-related hospitalizations** in **CY 2022** were mostly **White/Caucasian (79%)**, **Male (58 %)**, **55 years and older (53%)** and from **Honolulu county (34%)**.
- **Monthly rates for All Drug-related hospitalizations** (per 10,000 hospitalizations) **decreased in CY 2022 (-11%)**; and **decreased from CY'21 – '22 (-94%)** .

Figure 20. Number of Hospitalizations vs. All Drug, Opioid, and Stimulant-involved Hospitalizations by Year, CYs 2018 – 2022





State of Hawai'i – Behavioral Health Dashboard – Emergency Department Discharges

<https://bh8o8.hawaii.gov/>

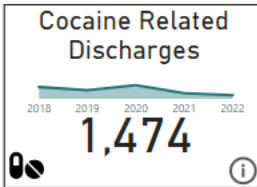
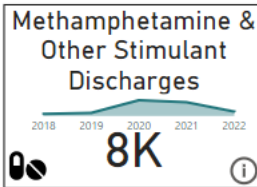
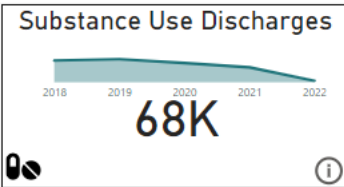
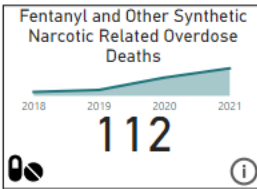
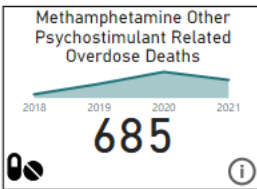
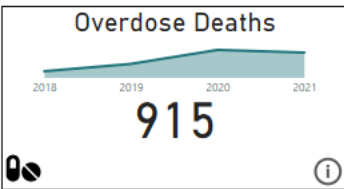
E Komo Mai (Welcome)

We hope this website will help you to better understand Hawai'i's current behavioral health trends and drug overdose, polysubstance use, co-occurring substance use, and mental health, including crisis care.

If this is your first visit please see the [walkthrough](#) on navigating and using the dashboards.

Statewide Substance Use (SU), Mental Health (MH), and Crisis Sum

To access more details about any of the below indicators click on the info button ⓘ on the indicator's card and you will be transferred to the



State of Hawai'i
Behavioral Health Dashboard - BETA

Feedback



Hawai'i Substance Use Statistics

Emergency Department Discharges ?





Mahalo and Questions

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