



# Enrollment under the Medicaid Expansion and Health Insurance Exchanges

A Focus on Those with Behavioral  
Health Conditions in Hawaii



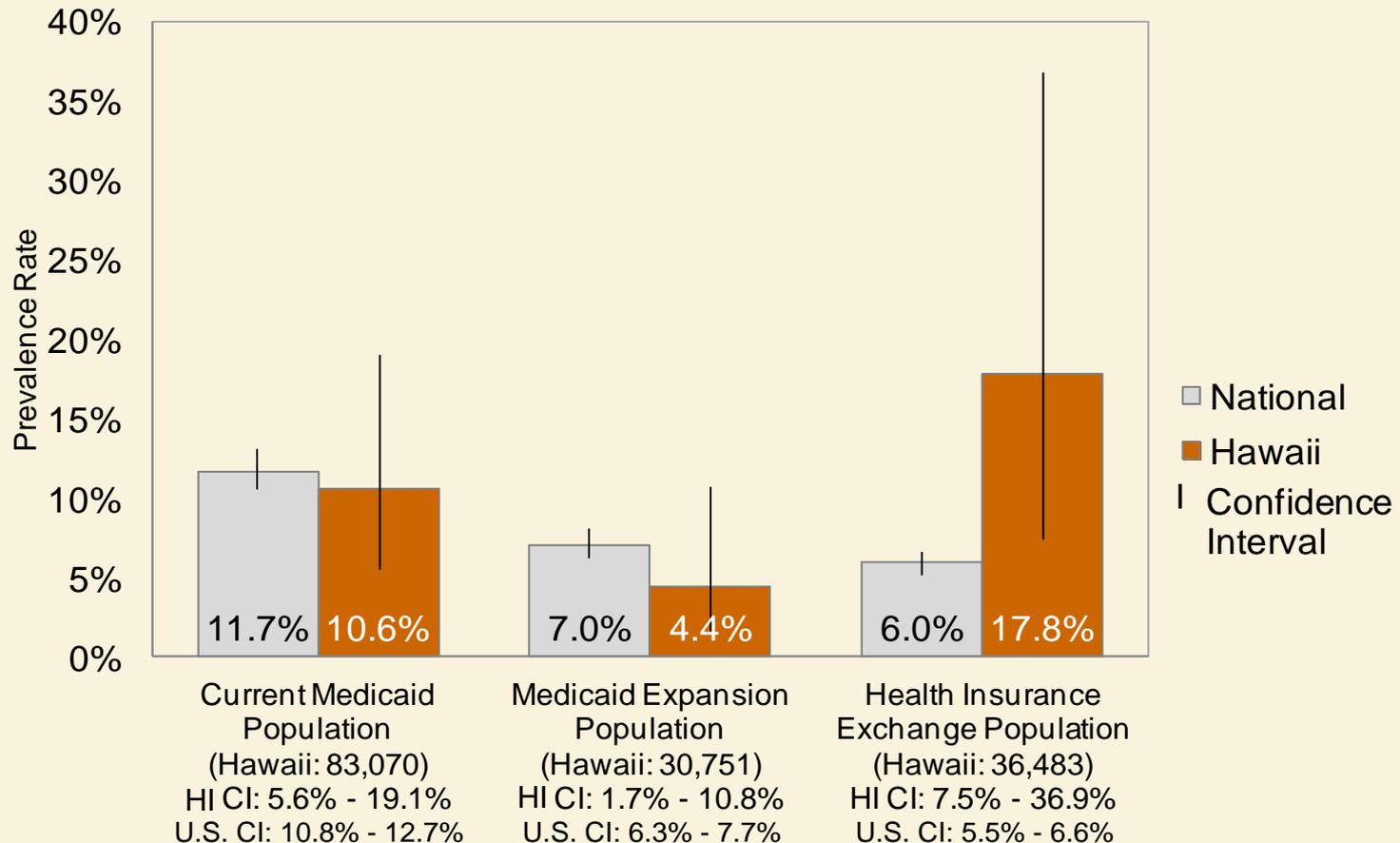
# Data Sources

- National Survey on Drug Use and Health
  - Sponsored by SAMHSA
  - National and state estimates on prevalence of behavioral health conditions and treatment
  - 2008 – 2010 data
  - Approximately 67,500 interviews per year
- American Community Survey
  - Sponsored by the U.S. Bureau of the Census
  - National and State population estimates, including counts of uninsured by income level
  - 2010 data
  - Approximately 1.9 million persons in sample

# Methods for Estimating Uninsured with M/SU Conditions by FPL

- From NSDUH, identified by State the number of uninsured persons aged 18-64 with income:
  - Between 133% and 400% of the Federal poverty level (FPL) eligible for health insurance exchanges
  - Less than 139% of the FPL eligible for Medicaid expansion
- Calculated NSDUH prevalence rates for serious mental illness (SMI) and substance use disorder (SUD) by State, for the above groups
- Applied SMI/SUD prevalence rates to American Community Survey counts of uninsured by State

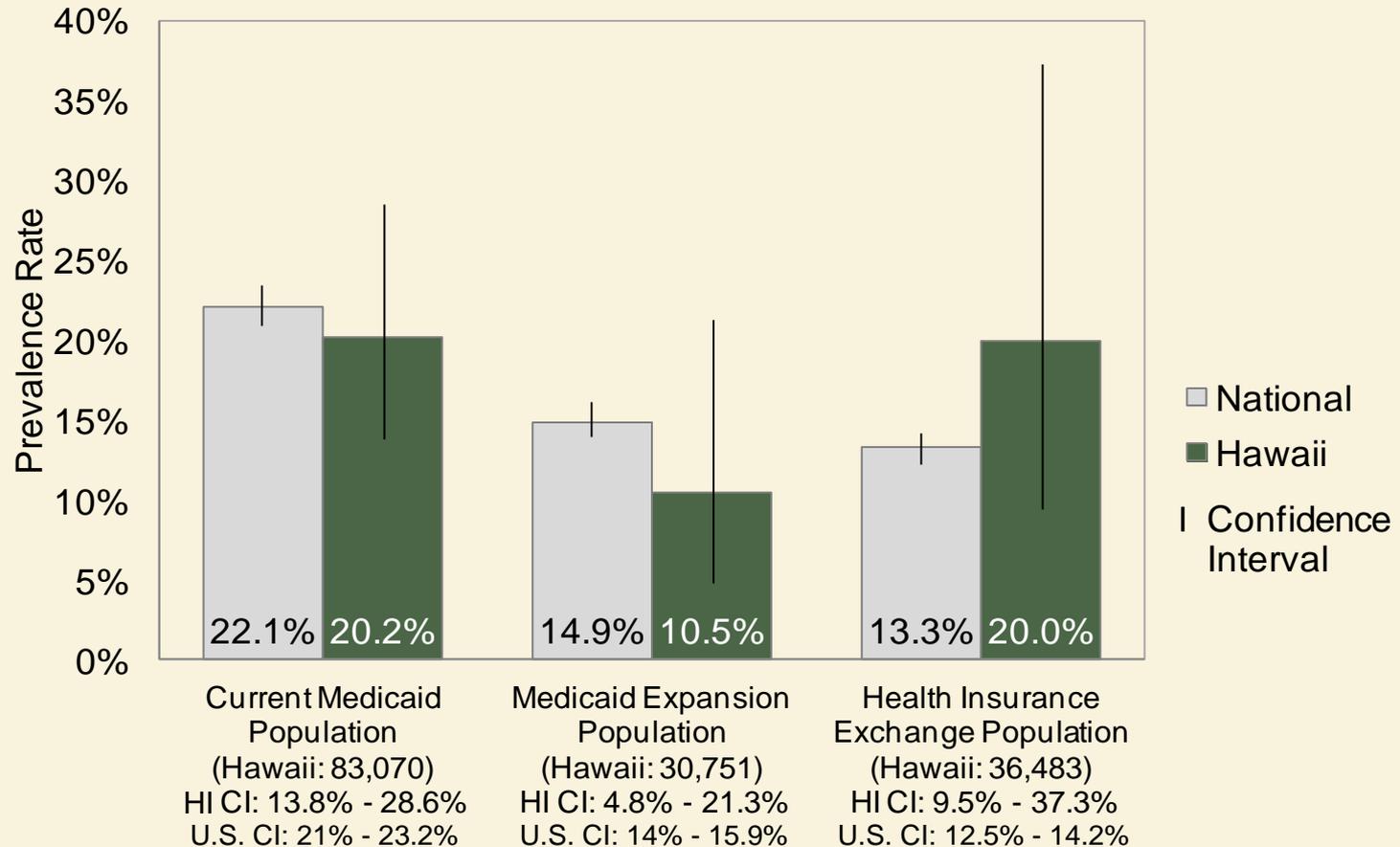
# Prevalence of Serious Mental Illness Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Hawaii, US



CI = Confidence Interval

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

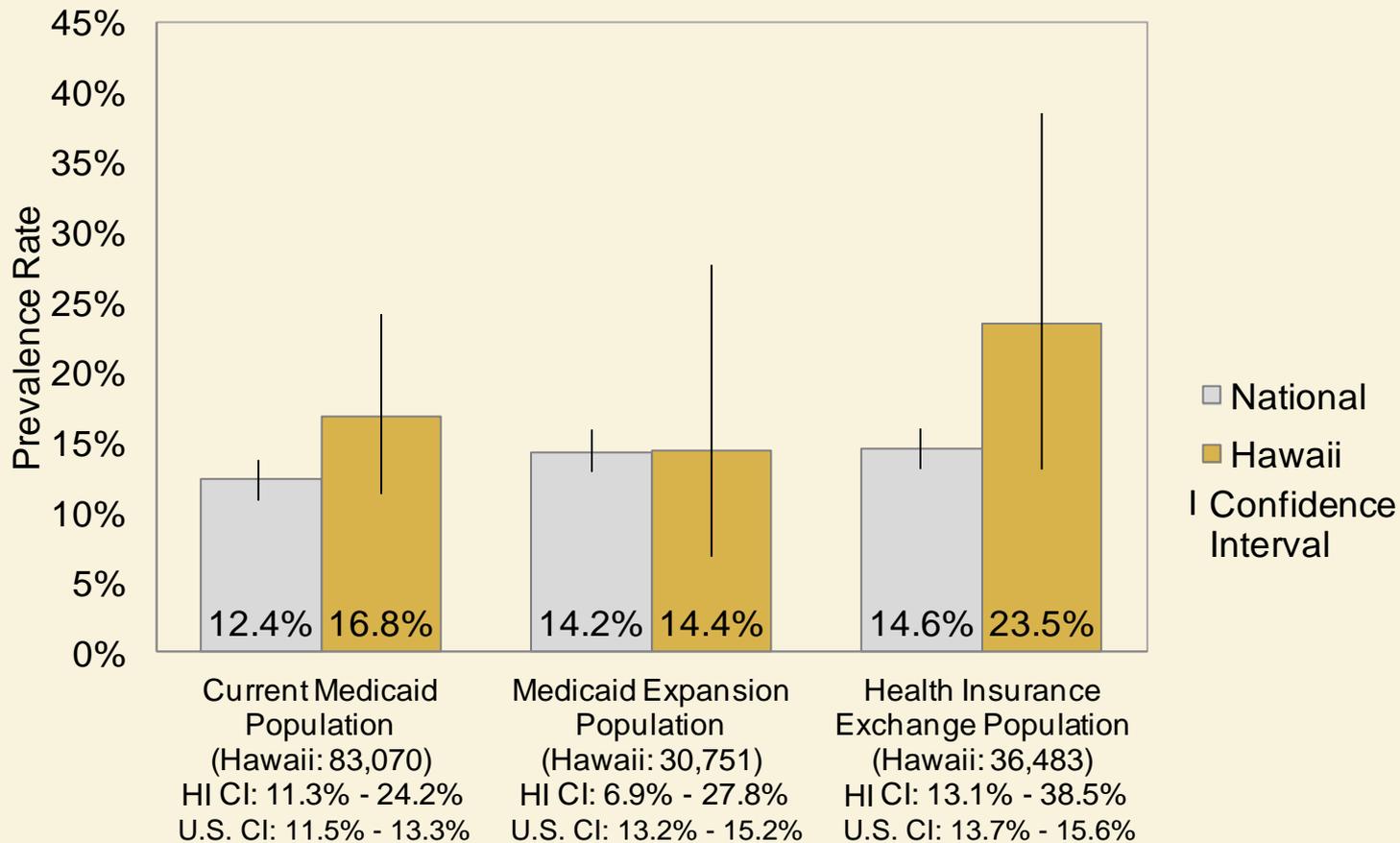
# Prevalence of Serious Psychological Distress Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Hawaii, US



CI = Confidence Interval

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

# Prevalence of Substance Use Disorders Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Hawaii, US

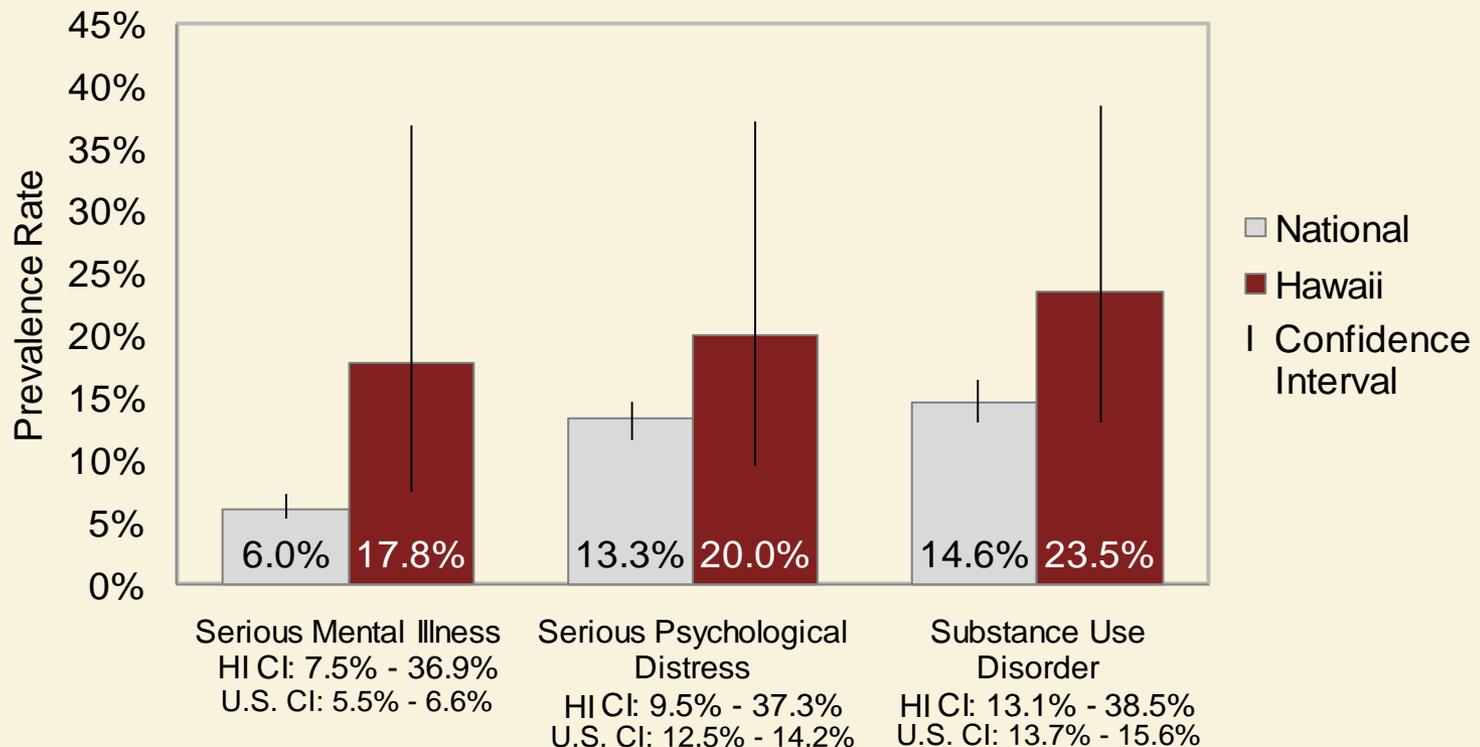


CI = Confidence Interval

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

# Prevalence of Behavioral Conditions Among Health Insurance Exchange Population: Hawaii, US

**Uninsured Adults Ages 18 - 64 with Incomes Between 133- 399% of the Federal Poverty Level (Hawaii: 36,483)**

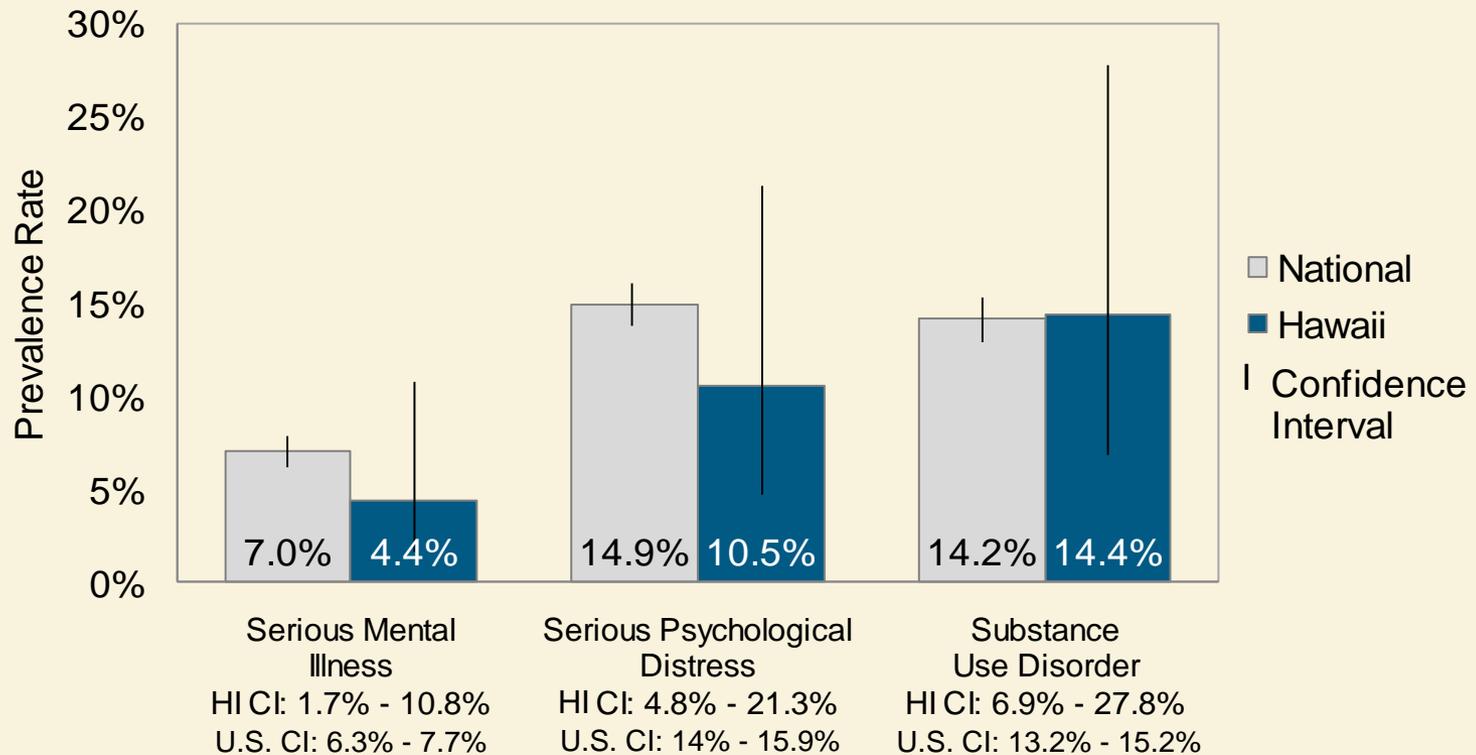


CI = Confidence Interval

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

# Prevalence of Behavioral Conditions Among Medicaid Expansion Population: Hawaii, US

Uninsured Adults Ages 18-64 with Incomes < 139% of the Federal Poverty Level (Hawaii: 30,751)



CI = Confidence Interval

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

# Methods for Estimating Population Characteristics

- From NSDUH, calculated the national prevalence rates for SMI, serious psychological distress (SPD), and SUD by income group with demographic populations of interest (e.g., uninsured non-Hispanic whites with income <138% FPL with SMI)
- Multiplied national prevalence rate by the ACS' State population by income group with this demographic characteristic (e.g., national % of uninsured 18-34 year olds with income <138% FPL with SMI \* ACS State number of 18-34 year olds with income <138% FPL)
- Calculated the percent distribution with condition in the State across demographic groups such as race, age, and education (e.g., percent with SMI with < high school, high school, or college education)

# Characteristics of 18-64 Year-Olds with a Serious Mental Illness (SMI) Projected in Medicaid Expansion Population\*

	National	Hawaii
<b>Female</b>	61%	56%
<b>Age 18-34</b>	53%	46%
<b>Race/Ethnicity</b>		
Non-Hispanic White	66%	49%
Non-Hispanic Black	13%	2%
Other	5%	46%
Hispanic	16%	4%
<b>Education</b>		
< High School	26%	15%
High School Graduate	38%	40%
College	37%	46%

## Most common characteristics of persons with SMI in Medicaid expansion population in Hawaii are:

- Non-Hispanic White or Other
- College Graduate

\* Population with income less than 139% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

# Characteristics of 18-64 Year-Olds with a Substance Use Disorder (SUD) Projected in Medicaid Expansion Population\*

	National	Hawaii
<b>Male</b>	75%	79%
<b>Age 18-34</b>	63%	56%
<b>Race/Ethnicity</b>		
Non-Hispanic White	51%	47%
Non-Hispanic Black	20%	3%
Other	4%	43%
Hispanic	25%	7%
<b>Education</b>		
< High School	37%	23%
High School Graduate	32%	36%
College	31%	41%

**Most common characteristics of persons with SUD in Medicaid expansion population in Hawaii are:**

- Male
- Non-Hispanic White or Other
- College Graduate

\* Population with income less than 139% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

# Characteristics of 18-64 Year-Olds with a Serious Mental Illness (SMI) Projected in Health Insurance Exchange\*

	National	Hawaii
<b>Female</b>	60%	56%
<b>Age 18-34</b>	57%	54%
<b>Race/Ethnicity</b>		
Non-Hispanic White	68%	57%
Non-Hispanic Black	10%	0%
Other	5%	38%
Hispanic	17%	5%
<b>Education</b>		
< High School	18%	8%
High School Graduate	38%	39%
College	44%	53%

## Most common characteristics of persons with SMI in exchange population in Hawaii are:

- Non-Hispanic White or Other
- College Graduate

\* Population with income from 133% to 399% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey

# Characteristics of 18-64 Year-Olds with a Substance Use Disorder (SUD) Projected in Health Insurance Exchange\*

	National	Hawaii
<b>Male</b>	73%	76%
<b>Age 18-34</b>	69%	67%
<b>Race/Ethnicity</b>		
Non-Hispanic White	52%	49%
Non-Hispanic Black	14%	0%
Other	5%	40%
Hispanic	29%	10%
<b>Education</b>		
< High School	26%	12%
High School Graduate	38%	42%
College	36%	46%

## Most common characteristics of persons with SUD in exchange population in Hawaii are:

- Male
- 18-34 years old
- Non-Hispanic White or Other
- College Graduate

\* Population with income from 133% to 399% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)  
2010 American Community Survey