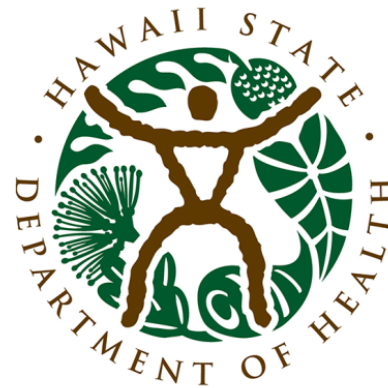


2021 Hawai'i State Epidemiologic Profile

Selected Youth and Adult Alcohol and Drug Indicators

Version 1.0

September 12, 2022



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Authorship

About the Authors

This report was prepared by Benjamin Chu, Layne Nakano, Bobby Do, Constance Emory, and Victoria Y Fan on behalf of the State Epidemiologic Outcomes Workgroup (SEOW). The University of Hawai'i (UH) Epidemiology Team has been providing epidemiologic services to and working with the ADAD of DOH from 2006 to present as a Substance Abuse and Mental Health Services Administration (SAMHSA): Strategic Prevention Framework Partnerships for Success (SPF-PFS) partner. The SPF-PFS builds upon the accomplishments of the SPF-SIG and Substance Abuse Block Grants. Since 2010, the profiles have been put together and updated by the UH Epidemiology Team with guidance from the SEOW. The UH Epidemiology Team also provides technical assistance and training for state and community level stakeholders and sub-recipients in evidence-based programs, data usage, program evaluation, grant writing, needs assessment, and other identified-training needs. The SEOW is funded by the Behavioral Health Administration, Alcohol and Drug Abuse Division.

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The purpose of Hawai'i's Strategic Planning Framework – Partnership for Success (SPF-PFS) Project is to improve the quality of life for residents of Hawai'i by continuing to implement the five steps of SAMHSA's SPF process. A goal of the SPF process aims to aid in the development of more effective prevention strategies and sustainable prevention infrastructures statewide to reduce and prevent underage drinking. The five steps included in the SPF process are as follows: 1) Assess Needs 2) Build Capacity 3) Plan 4) Implement and 5) Evaluate. These five steps are informed and made relevant by sustainability and cultural competency considerations throughout the project (Figure 1).



Figure 1: SPF Program Model

The Alcohol and Drug Abuse Division (ADAD) of the Hawai'i State Department of Health (DOH)

ADAD of DOH is a major source of public funds for many substance abuse treatment and prevention services in Hawai'i. This profile would not have been possible without funding and support from ADAD. ADAD is supported by the SPF-PFS 2013 of SAMHSA under grant number 1U79SP020167-01.

Evaluation Team at Center on the Family (COF) of the University of Hawai'i at Mānoa

The University of Hawai‘i, COF has research and evaluation expertise with substance use prevention programs and has collaborated with ADAD. COF was the evaluator for the Strategic Prevention Framework – State Incentive Grant (SPF-SIG) from 2007 to 2012, and continues providing their services for the current project SPF-PFS 2013 as one of our partners. The authors express our gratitude to the Evaluation Team at COF who works collaboratively with the Epidemiology Team and ADAD at DOH.

State Epidemiologic Outcomes Workgroup (SEOW)

SEOW comprises directors, epidemiologists and data managers from the government, community stakeholders, and individuals from educational institutions. The Epidemiology Team appreciates feedback and suggestions from members, which were reflected throughout this profile.

Hawai‘i School Health Survey (HSHS) and Hawai‘i Health Data Warehouse (HHDW)

The HSHS is a joint effort between DOH and the Hawai‘i Department of Education (DOE) to monitor the health status and needs of students in 6th through 12th grade. Data for a large portion of this profile have been collected and provided by Hawai‘i Youth Risk Behavior Survey (Hawai‘i YRBS), which is one of two survey modules (the other one is Youth Tobacco Survey) that are coordinated by HSHS committee members. Based at the University of Hawai‘i through a contract with DOH, HHDW analyzes the Hawai‘i YRBS and Behavioral Risk Factor Surveillance System (BRFSS) and provides detailed reports of results. This profile would not have been possible without invaluable data and analysis provided by these resources.

Profile Background

ADAD and the University of Hawai'i, Myron B. Thompson School of Social Work, Center on Aging, Epidemiology Team produces an epidemiologic profile titled the "Hawai'i State Epidemiologic Profile for Selected Youth and Adult Alcohol and Drug Use Indicators". The Epidemiology Team is a partner of the Strategic Prevention Framework Partnerships for Success (SPF-PFS), which is funded through the Substance Abuse and Mental Health Services Administration (SAMHSA) Center for Substance Abuse Prevention. The purpose of these profiles is to identify recent rates, patterns, and trends of alcohol or drug use in Hawai'i among youth and adults. These profiles are intended to present information in a user-friendly format for planning and implementation of alcohol and substance use prevention and treatment programs in Hawai'i.

The alcohol and drug indicators in this profile were selected in order to be consistent with previous years' reports, which used SAMHSA's National Outcome Measures (NOMs). The original data sources in this profile are the Behavioral Risk Factor Surveillance System (BRFSS), Hawai'i Youth Risk Behavior Survey (Hawai'i YRBS), and the Pregnancy Risk Assessment Monitoring System (PRAMS).

Original Data Sources

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

Description: The BRFSS is coordinated by CDC and it is the largest telephone survey in the world with over 500,000 interviews conducted in 2011. Data are collected monthly, targeting all 50 states, the District of Columbia, American Samoa, Palau, Puerto Rico, the US Virgin Islands, and Guam. Survey questions include alcohol and marijuana usage, and demographics of age, gender, ethnicity/race, education attainment, marital status, land tenure, and telephone ownership. In addition to landlines, the BRFSS has also started to incorporate cellphone based surveys in 2011. Hawai'i BRFSS is administered by DOH. HHDW provides detailed aggregate reports for the state BRFSS data.

Limitations: The BRFSS is self-reported with challenges of under- or over-reporting. Surveys are only distributed to those who are in possession of landlines or cellphones, which may not be representative of the entire population. Although Hawai'i BRFSS collects data from adults aged 18 and older, it does not provide data specifically for college students and the sample size would be too small when the data are broken down by college-age group (typically 18 – 24 years old).

Website: <http://health.hawaii.gov/brfss/>

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

Description: The YRBS is a national health survey conducted by the Centers for Disease Control and Prevention (CDC). The YRBS monitors six types of self-reported health-risk behaviors that contribute to the leading causes of death and disability among youth, and prevalence of obesity and asthma among youth and young adults. Data are collected regarding health-risk behaviors among 6th through 12th grade students in the United States (US) including alcohol or other drug use, tobacco use, sexual risk behaviors, unhealthy dietary behaviors, and physical inactivity. Hawai'i YRBS is administered by HIDOE in partnership with DOH, and HHDW provides detailed aggregate reports for the state YRBS data.

Limitations: Although quality of the data are demonstrated as acceptable, there might be potential underreporting or over-reporting of behaviors from the participants since data are self-reported and includes sensitive topics such as underage drinking and other substance use. The YRBS is a school-based survey, which collects data for public middle schools and high schools. 84.5% of students in Hawai'i were enrolled in public schools in the 2016-2017 year (Hawai'i Department of Education, 2018). Counties that have a response rate less than 60% are not analyzed, which may lower the representativeness across geographic areas. Although Hawai'i YRBS includes middle school data, there are fewer alcohol-related items compared to high school data. Other than core questions that are standardized by CDC, comparable national data are not available for some of the indicators in Hawai'i YRBS.

Website: <http://hhdw.org/health-reports-data/data-source/yrbs-reports/>

Pregnancy Risk Assessment Monitoring System (PRAMS)

Description: PRAMS is a project sponsored by the CDC to collect state-specific, population-based data on maternal attitudes and experiences before, during, and after pregnancy. A questionnaire is mailed to approximately 200 new mothers per month on all islands of Hawai'i. Questions were intended to address critical maternal and child health issues. Relevant to this report are their questions about use of alcohol before and during pregnancy.

Limitations: Responses are self-reported. Additionally, the absence of national level statistics and differences in methodology between states makes cross-state comparison difficult.

Website: <http://health.hawaii.gov/fhsd/home/hawaii-pregnancy-risk-assessment-monitoring-system-prams/>

BRFSS Analysis

Table 1. 30-day current drinking among adults by county, sex, race, and community for years 2012-2020

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	50.3%	(48.5%-52.0%)	51.0%	(49.3%-52.7%)	49.6%	(48.0%-51.2%)	51.4%	(49.8%-52.9%)	46.8%	(45.2%-48.4%)
County										
Kauai County	54.2%	(48.2%-60.0%)	50.5%	(45.8%-55.1%)	54.1%	(49.4%-58.7%)	52.3%	(48.0%-56.6%)	45.2%	(40.9%-49.7%)
Honolulu County	49.3%	(47.0%-51.5%)	49.8%	(47.5%-52.0%)	49.4%	(47.3%-51.5%)	50.8%	(48.7%-52.9%)	47.4%	(45.3%-49.5%)
Maui County	52.2%	(47.8%-56.6%)	57.4%	(53.8%-61.0%)	50.3%	(46.6%-53.9%)	51.3%	(47.4%-55.1%)	48.6%	(45.2%-52.0%)
Hawaii County	52.8%	(49.0%-56.7%)	51.0%	(47.4%-54.5%)	50.0%	(46.3%-53.8%)	54.9%	(51.4%-58.3%)	45.8%	(42.4%-49.2%)
Sex										
Female	39.9%	(37.6%-42.2%)	41.3%	(39.0%-43.7%)	42.2%	(40.0%-44.4%)	43.8%	(41.6%-46.1%)	40.7%	(38.6%-42.9%)
Male	61.0%	(58.5%-63.5%)	60.4%	(58.0%-62.8%)	57.4%	(55.0%-59.7%)	59.4%	(57.1%-61.6%)	53.3%	(50.9%-55.7%)
Race										
Native Hawaiian	49.3%	(45.1%-53.4%)	49.6%	(45.9%-53.3%)	47.7%	(44.1%-51.2%)	51.5%	(47.8%-55.2%)	48.2%	(44.7%-51.7%)
Other Pacific Islander	45.6%	(32.8%-59.1%)	33.9%	(25.1%-44.0%)	43.0%	(32.9%-53.7%)	50.3%	(43.2%-57.3%)	42.2%	(34.4%-50.3%)
Black	65.4%	(50.8%-77.6%)	66.6%	(51.5%-78.9%)	62.2%	(47.9%-74.6%)	57.4%	(45.2%-68.8%)	49.3%	(36.4%-62.3%)
Caucasian	64.5%	(61.4%-67.5%)	67.0%	(63.7%-70.1%)	63.8%	(60.6%-66.9%)	64.6%	(61.9%-67.3%)	60.5%	(57.7%-63.2%)
Chinese	37.8%	(31.5%-44.6%)	41.8%	(34.6%-49.3%)	38.5%	(32.1%-45.2%)	45.1%	(38.3%-52.0%)	35.9%	(29.3%-43.0%)
Filipino	42.2%	(37.1%-47.4%)	42.8%	(38.3%-47.4%)	41.0%	(36.8%-45.3%)	39.5%	(35.3%-44.0%)	38.4%	(34.3%-42.7%)
Japanese	42.4%	(38.9%-46.0%)	42.0%	(38.4%-45.8%)	40.8%	(37.3%-44.3%)	44.2%	(40.0%-48.5%)	38.0%	(34.5%-41.7%)
Native Alaskan/ American Indian	65.5%	(55.5%-74.3%)	50.9%	(40.2%-61.4%)	54.8%	(42.9%-66.2%)	58.3%	(47.8%-68.1%)	62.0%	(50.5%-72.2%)
Other	55.9%	(46.8%-64.7%)	46.1%	(39.3%-53.1%)	61.8%	(54.9%-68.3%)	57.3%	(46.6%-67.4%)	54.5%	(42.6%-65.9%)
Other Asian	37.0%	(27.2%-48.0%)	46.0%	(35.3%-57.1%)	41.6%	(31.9%-52.0%)	45.7%	(39.0%-52.5%)	46.6%	(38.8%-54.5%)
Community										
Kauai - Hanalei/ Kapaa	56.5%	(47.3%-65.3%)	56.9%	(49.6%-64.0%)	55.8%	(49.1%-62.3%)	55.6%	(49.2%-61.8%)	49.6%	(43.0%-56.2%)
Kauai - Lihue/ Waimea	52.2%	(44.5%-59.8%)	46.4%	(40.4%-52.4%)	52.8%	(46.4%-59.1%)	49.8%	(43.9%-55.6%)	41.9%	(36.2%-47.9%)
Honolulu - Aiea/ Pearl City	54.2%	(46.9%-61.4%)	47.6%	(40.1%-55.3%)	49.5%	(42.7%-56.3%)	53.9%	(46.4%-61.2%)	42.3%	(35.6%-49.3%)
Honolulu - Ala Moana	41.6%	(32.4%-51.5%)	58.7%	(49.1%-67.7%)	47.7%	(38.6%-57.1%)	55.3%	(45.8%-64.5%)	54.4%	(45.9%-62.7%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	49.4%	(41.5%-57.3%)	52.1%	(43.8%-60.2%)	51.0%	(43.8%-58.2%)	53.2%	(45.6%-60.7%)	48.4%	(40.6%-56.3%)
Honolulu - Kailua/ Waimanalo	58.9%	(50.8%-66.6%)	54.3%	(45.8%-62.5%)	57.9%	(49.3%-66.0%)	57.3%	(49.4%-64.9%)	62.9%	(54.2%-70.8%)
Honolulu - Kaimuki/ Palolo/ Waikiki	47.0%	(40.2%-53.9%)	49.0%	(42.2%-55.8%)	51.3%	(44.6%-58.0%)	50.8%	(42.8%-58.8%)	47.6%	(40.5%-54.9%)
Honolulu - Manoa/ Upper Makiki	54.8%	(47.5%-61.9%)	51.6%	(44.0%-59.1%)	54.3%	(47.4%-61.1%)	57.1%	(50.0%-63.8%)	42.7%	(35.9%-49.8%)
Honolulu - Mililani/ Wahiawa	42.9%	(35.7%-50.3%)	55.2%	(47.4%-62.7%)	55.8%	(48.2%-63.1%)	52.2%	(45.4%-58.8%)	47.1%	(40.4%-53.9%)
Honolulu - N.Shore/ Laie	58.2%	(47.2%-68.4%)	40.4%	(29.2%-52.7%)	52.3%	(40.6%-63.7%)	38.0%	(27.6%-49.5%)	49.5%	(43.7%-62.3%)
Honolulu - Nanakuli/ Waianae	54.4%	(42.8%-65.6%)	46.9%	(37.6%-56.4%)	37.5%	(29.1%-46.7%)	46.3%	(37.9%-54.9%)	39.0%	(30.4%-48.4%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	39.9%	(32.8%-47.4%)	44.2%	(37.2%-51.5%)	36.5%	(30.6%-42.9%)	48.4%	(42.0%-54.9%)	37.7%	(31.6%-44.2%)
Honolulu - Salt Lake/ Foster Village	52.1%	(42.2%-61.8%)	46.2%	(34.9%-57.9%)	46.9%	(36.9%-57.2%)	40.5%	(31.5%-50.3%)	50.8%	(40.8%-60.8%)
Honolulu - Waialae/ Kahala/ Hawaii Kai	52.9%	(44.9%-60.8%)	50.0%	(41.7%-58.3%)	55.9%	(47.8%-63.6%)	55.9%	(47.5%-64.0%)	52.9%	(44.4%-61.1%)
Honolulu - Waipahu/ Kapolei/ Ewa	46.9%	(41.2%-52.7%)	49.7%	(44.0%-55.4%)	47.9%	(42.6%-53.4%)	48.0%	(42.9%-53.1%)	49.0%	(43.8%-54.2%)
Maui - Kahului	55.9%	(46.9%-64.5%)	60.7%	(53.9%-67.2%)	49.9%	(43.3%-56.5%)	54.9%	(47.8%-61.8%)	46.0%	(39.8%-52.4%)
Maui - Lahaina/ Wailuku	50.6%	(43.0%-58.1%)	50.9%	(44.7%-57.0%)	49.4%	(42.9%-56.0%)	49.4%	(42.8%-56.1%)	49.9%	(44.4%-55.4%)
Maui - Lanai	42.2%	(27.2%-58.8%)	**	(**_**)	**	(**_**)	32.7%	(17.6%-52.5%)	**	(**_**)
Maui - Molokai	31.3%	(19.5%-46.1%)	47.8%	(36.0%-59.8%)	46.5%	(33.6%-59.9%)	33.4%	(22.2%-46.8%)	43.5%	(27.2%-61.3%)
Maui - Upcountry/ Hana	55.6%	(47.8%-63.2%)	64.4%	(58.0%-70.3%)	53.5%	(46.7%-60.1%)	54.4%	(47.3%-61.5%)	50.6%	(44.2%-57.0%)
Hawaii - Hilo	46.2%	(39.3%-53.1%)	43.3%	(37.1%-49.8%)	41.9%	(34.8%-49.4%)	54.7%	(48.2%-61.0%)	36.2%	(30.0%-42.9%)
Hawaii - Kona	61.2%	(53.8%-68.2%)	58.6%	(51.1%-65.7%)	51.1%	(43.6%-58.5%)	57.9%	(51.5%-64.0%)	51.2%	(44.4%-58.0%)
Hawaii - N.Hawaii	55.7%	(47.3%-63.7%)	55.7%	(48.0%-63.2%)	52.2%	(44.6%-59.7%)	51.1%	(42.3%-59.9%)	52.5%	(44.5%-60.3%)
Hawaii - Puna/ Kau	51.4%	(43.6%-59.1%)	49.0%	(42.3%-55.7%)	55.3%	(48.2%-62.1%)	55.1%	(48.7%-61.4%)	44.8%	(38.8%-51.0%)

Table 2. 30-day current drinking among adults by county, sex, race, and community for years 2012-2020 (age-adjusted)

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	51.1%	(49.3%-52.9%)	52.3%	(50.5%-54.0%)	50.3%	(48.6%-52.0%)	52.9%	(51.2%-54.5%)	48.1%	(46.5%-49.8%)
County										
Kauai County	55.5%	(49.0%-61.7%)	52.2%	(47.1%-57.2%)	54.8%	(49.6%-59.9%)	53.9%	(49.2%-58.6%)	45.8%	(40.9%-50.7%)
Honolulu County	50.3%	(48.0%-52.6%)	51.1%	(48.7%-53.4%)	49.9%	(47.7%-52.1%)	52.2%	(50.0%-54.3%)	48.7%	(46.6%-50.9%)
Maui County	52.6%	(47.9%-57.2%)	58.5%	(54.6%-62.2%)	51.3%	(47.4%-55.3%)	52.6%	(48.4%-56.8%)	49.4%	(45.8%-52.9%)
Hawaii County	53.4%	(49.2%-57.5%)	52.4%	(48.3%-56.4%)	50.8%	(46.6%-55.0%)	55.5%	(51.5%-59.4%)	46.6%	(42.8%-50.4%)
Sex										
Female	41.4%	(39.0%-43.9%)	43.2%	(40.7%-45.8%)	43.8%	(41.5%-46.2%)	45.8%	(43.4%-48.2%)	42.7%	(40.4%-45.0%)
Male	61.4%	(58.9%-63.9%)	61.1%	(58.6%-63.5%)	57.1%	(54.6%-59.5%)	60.2%	(57.9%-62.5%)	54.0%	(51.6%-56.4%)
Race										
Native Hawaiian	47.7%	(43.8%-51.6%)	47.1%	(43.6%-50.6%)	47.0%	(43.7%-50.4%)	50.9%	(47.3%-54.5%)	47.9%	(44.5%-51.4%)
Other Pacific Islander	37.2%	(28.3%-47.0%)	29.0%	(21.5%-37.8%)	35.5%	(27.8%-44.1%)	46.9%	(40.7%-53.2%)	41.8%	(33.8%-50.2%)
Black	60.1%	(48.4%-70.8%)	68.8%	(56.0%-79.3%)	57.4%	(45.2%-68.8%)	50.7%	(40.5%-60.9%)	48.9%	(39.0%-58.8%)
Caucasian	64.1%	(60.8%-67.3%)	67.6%	(63.9%-71.1%)	64.6%	(60.8%-68.1%)	63.5%	(60.4%-66.6%)	61.1%	(58.0%-64.2%)
Chinese	39.4%	(32.8%-46.3%)	44.6%	(36.5%-53.1%)	37.9%	(31.7%-44.5%)	44.9%	(37.9%-52.1%)	34.5%	(27.9%-41.8%)
Filipino	42.2%	(37.6%-46.9%)	43.8%	(39.5%-48.2%)	40.4%	(36.3%-44.7%)	42.0%	(37.8%-46.4%)	40.1%	(35.9%-44.4%)
Japanese	48.1%	(43.7%-52.6%)	48.0%	(43.1%-52.8%)	47.0%	(42.3%-51.8%)	51.5%	(46.1%-56.8%)	42.1%	(37.5%-46.8%)
Native Alaskan/ American Indian	67.5%	(57.8%-75.9%)	50.4%	(40.3%-60.5%)	52.4%	(41.5%-63.1%)	58.9%	(48.3%-68.7%)	63.5%	(52.9%-73.0%)
Other	54.4%	(46.5%-62.1%)	45.7%	(38.9%-52.7%)	62.2%	(55.4%-68.5%)	56.2%	(46.8%-65.2%)	57.0%	(44.5%-68.8%)
Other Asian	40.1%	(31.3%-49.6%)	49.3%	(38.2%-60.4%)	41.2%	(32.8%-50.1%)	47.8%	(41.1%-54.6%)	48.3%	(41.7%-55.0%)
Community										
Kauai - Hanalei/ Kapaa	57.5%	(48.3%-66.2%)	58.2%	(50.5%-65.5%)	57.8%	(50.7%-64.6%)	55.8%	(48.9%-62.5%)	50.3%	(43.1%-57.5%)
Kauai - Lihue/ Waimea	54.0%	(45.4%-62.4%)	48.9%	(42.3%-55.6%)	52.6%	(45.2%-59.9%)	51.2%	(44.9%-57.6%)	42.1%	(35.7%-48.7%)
Honolulu - Aiea/ Pearl City	60.5%	(53.9%-66.7%)	51.6%	(44.3%-58.9%)	52.1%	(44.7%-59.4%)	59.1%	(52.3%-65.5%)	47.0%	(39.9%-54.2%)
Honolulu - Ala Moana	44.1%	(35.9%-52.7%)	57.5%	(48.2%-66.3%)	42.8%	(35.3%-50.7%)	57.6%	(47.7%-66.8%)	54.2%	(45.5%-62.6%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	49.8%	(41.5%-58.1%)	56.5%	(47.6%-64.9%)	53.2%	(45.0%-61.1%)	55.7%	(47.9%-63.3%)	48.8%	(40.6%-57.0%)
Honolulu - Kailua/ Waimanalo	60.0%	(52.2%-67.3%)	60.8%	(52.7%-68.3%)	58.4%	(48.6%-67.5%)	61.1%	(52.4%-69.1%)	66.5%	(57.6%-74.3%)
Honolulu - Kaimuki/ Palolo/ Waikiki	50.7%	(43.9%-57.5%)	50.2%	(42.8%-57.6%)	54.6%	(47.4%-61.7%)	54.2%	(46.3%-61.9%)	49.3%	(41.8%-56.9%)
Honolulu - Manoa/ Upper Makiki	56.3%	(48.6%-63.8%)	54.8%	(46.6%-62.8%)	56.7%	(49.3%-63.8%)	56.7%	(50.1%-63.0%)	43.9%	(37.0%-51.1%)
Honolulu - Mililani/ Wahiawa	43.7%	(36.5%-51.3%)	55.6%	(47.4%-63.5%)	55.5%	(48.6%-62.1%)	54.3%	(47.7%-60.8%)	48.5%	(41.9%-55.2%)
Honolulu - N.Shore/ Laie	57.2%	(47.6%-66.3%)	39.3%	(29.3%-50.2%)	48.3%	(37.4%-59.4%)	39.2%	(29.2%-50.2%)	51.5%	(39.3%-63.6%)
Honolulu - Nanakuli/ Waianae	52.0%	(41.8%-62.0%)	44.0%	(36.1%-52.4%)	36.9%	(29.3%-45.3%)	46.1%	(38.2%-54.2%)	39.6%	(30.6%-49.3%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	42.9%	(35.6%-50.5%)	45.0%	(37.8%-52.4%)	37.0%	(31.1%-43.3%)	49.3%	(42.7%-55.9%)	41.3%	(35.1%-47.7%)
Honolulu - Salt Lake/ Foster Village	51.9%	(42.4%-61.3%)	45.2%	(33.9%-56.9%)	49.4%	(40.1%-58.7%)	39.3%	(30.7%-48.6%)	50.2%	(40.7%-59.8%)
Honolulu - Waialae/ Kahala/ Hawaii Kai	54.7%	(46.8%-62.4%)	54.1%	(45.1%-62.9%)	57.9%	(48.5%-66.7%)	58.1%	(48.0%-67.5%)	58.7%	(50.1%-66.9%)
Honolulu - Waipahu/ Kapolei/ Ewa	45.6%	(40.3%-51.1%)	49.3%	(43.6%-55.0%)	46.1%	(41.0%-51.2%)	47.8%	(42.9%-52.7%)	47.8%	(43.0%-52.7%)
Maui - Kahului	56.8%	(47.8%-65.3%)	62.1%	(55.1%-68.6%)	51.3%	(44.1%-58.4%)	54.0%	(46.3%-61.5%)	45.8%	(39.7%-52.0%)
Maui - Lahaina/ Wailuku	51.8%	(44.8%-58.7%)	49.8%	(43.2%-56.4%)	48.8%	(42.0%-55.6%)	52.0%	(45.5%-58.5%)	50.7%	(45.1%-56.3%)
Maui - Lanai	54.1%	(40.8%-66.8%)	51.1%	(43.0%-59.1%)	55.9%	(39.9%-70.7%)	43.7%	(36.1%-51.6%)	**	(**)**
Maui - Molokai	35.5%	(22.0%-51.7%)	49.1%	(39.8%-58.6%)	52.6%	(38.1%-66.6%)	39.6%	(29.8%-50.3%)	47.2%	(37.5%-57.1%)
Maui - Upcountry/ Hana	56.0%	(48.3%-63.5%)	65.8%	(59.2%-71.8%)	54.4%	(47.5%-61.2%)	55.5%	(47.8%-63.0%)	51.4%	(44.3%-58.5%)
Hawaii - Hilo	48.4%	(41.3%-55.6%)	44.2%	(37.3%-51.4%)	42.9%	(35.2%-51.0%)	59.4%	(52.5%-66.0%)	38.1%	(31.6%-45.2%)
Hawaii - Kona	60.8%	(52.9%-68.3%)	60.0%	(52.4%-67.2%)	50.8%	(42.6%-59.1%)	56.6%	(49.5%-63.4%)	51.5%	(44.5%-58.5%)
Hawaii - N.Hawaii	56.4%	(47.4%-65.0%)	57.9%	(48.8%-66.5%)	50.7%	(42.1%-59.3%)	51.4%	(42.7%-60.0%)	50.2%	(41.5%-58.9%)
Hawaii - Puna/ Kau	51.7%	(43.3%-59.9%)	49.6%	(42.4%-56.9%)	57.3%	(48.9%-65.3%)	56.2%	(49.3%-62.9%)	45.9%	(39.1%-52.9%)

Table 3. 30-day binge drinking among adults by county, sex, race, and community in 2012-2020

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	18.2%	(16.9%-19.6%)	19.7%	(18.3%-21.2%)	18.6%	(17.3%-19.9%)	19.2%	(17.9%-20.5%)	15.7%	(14.5%-16.9%)
County										
Kauai County	21.4%	(16.0%-28.1%)	19.5%	(15.9%-23.6%)	20.8%	(17.0%-25.1%)	20.9%	(17.4%-24.9%)	17.4%	(14.3%-20.9%)
Honolulu County	17.6%	(16.0%-19.3%)	19.2%	(17.4%-21.1%)	18.0%	(16.3%-19.8%)	19.4%	(17.7%-21.2%)	15.0%	(13.5%-16.6%)
Maui County	17.6%	(14.5%-21.2%)	23.4%	(20.1%-27.1%)	18.9%	(16.0%-22.0%)	18.9%	(15.7%-22.6%)	16.1%	(13.8%-18.7%)
Hawaii County	21.1%	(18.0%-24.6%)	20.0%	(17.2%-23.1%)	20.5%	(17.5%-24.0%)	19.2%	(16.6%-22.1%)	16.8%	(14.3%-19.6%)
Sex										
Female	11.0%	(9.7%-12.5%)	11.5%	(10.0%-13.1%)	12.7%	(11.2%-14.4%)	13.1%	(11.6%-14.8%)	10.5%	(9.2%-12.0%)
Male	25.8%	(23.7%-28.1%)	28.2%	(25.9%-30.6%)	24.4%	(22.4%-26.6%)	25.8%	(23.8%-27.9%)	20.3%	(18.4%-22.2%)
Race										
Native Hawaiian	26.5%	(22.9%-30.4%)	29.7%	(26.2%-33.5%)	24.7%	(21.5%-28.0%)	26.1%	(22.8%-29.7%)	21.3%	(18.4%-24.6%)
Other Pacific Islander	28.7%	(17.8%-42.8%)	21.0%	(14.4%-29.8%)	31.6%	(22.0%-43.2%)	27.8%	(21.7%-34.9%)	25.8%	(19.4%-33.3%)
Black	17.9%	(10.3%-29.1%)	**	(**_**)	25.7%	(14.7%-40.9%)	19.7%	(11.8%-31.1%)	15.6%	(9.1%-25.4%)
Caucasian	19.0%	(16.7%-21.5%)	21.9%	(19.0%-24.9%)	20.6%	(18.1%-23.4%)	19.2%	(17.0%-21.5%)	16.0%	(14.0%-18.3%)
Chinese	13.2%	(9.0%-19.0%)	13.4%	(8.9%-19.6%)	7.9%	(4.5%-13.4%)	7.8%	(4.7%-12.8%)	11.0%	(7.4%-16.0%)
Filipino	13.2%	(10.4%-16.7%)	15.0%	(11.8%-18.8%)	15.4%	(12.5%-19.0%)	17.8%	(14.5%-21.7%)	13.4%	(10.7%-16.5%)
Japanese	14.4%	(12.1%-17.1%)	13.0%	(10.6%-15.9%)	12.3%	(10.0%-15.0%)	15.5%	(12.5%-19.0%)	9.2%	(7.3%-11.6%)
Native Alaskan/ American Indian	24.2%	(16.6%-34.0%)	22.7%	(14.7%-33.4%)	21.7%	(12.4%-35.0%)	27.0%	(18.1%-38.1%)	20.3%	(12.7%-30.9%)
Other	19.9%	(14.3%-27.1%)	20.2%	(14.9%-26.7%)	21.9%	(16.3%-28.8%)	22.9%	(14.2%-34.7%)	20.5%	(11.1%-34.6%)
Other Asian	10.3%	(6.0%-17.3%)	17.9%	(10.4%-29.0%)	15.9%	(9.9%-24.4%)	14.0%	(10.1%-19.1%)	14.6%	(9.7%-21.3%)
Community										
Kauai - Hanalei/ Kapaa	26.1%	(16.7%-38.3%)	22.6%	(17.1%-29.4%)	20.8%	(15.4%-27.4%)	21.0%	(16.1%-26.8%)	18.6%	(14.1%-24.2%)
Kauai - Lihue/ Waimea	17.6%	(12.5%-24.1%)	17.5%	(13.1%-22.9%)	20.8%	(15.9%-26.7%)	20.8%	(16.0%-26.5%)	16.4%	(12.6%-21.2%)
Honolulu - Aiea/ Pearl City	23.4%	(17.5%-30.5%)	17.1%	(12.3%-23.3%)	16.5%	(11.7%-22.8%)	21.0%	(15.4%-27.9%)	14.2%	(10.3%-19.3%)
Honolulu - Ala Moana	17.7%	(11.1%-26.9%)	18.4%	(11.5%-28.0%)	18.0%	(11.0%-28.0%)	19.8%	(13.9%-27.4%)	16.8%	(10.6%-25.6%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	15.7%	(10.8%-22.3%)	22.1%	(15.2%-31.0%)	19.7%	(13.9%-27.1%)	18.7%	(13.4%-25.5%)	15.6%	(10.5%-22.5%)
Honolulu - Kailua/ Waimanalo	14.5%	(10.0%-20.5%)	18.3%	(13.2%-24.9%)	23.7%	(17.4%-31.4%)	16.7%	(11.8%-23.2%)	20.2%	(14.0%-28.3%)
Honolulu - Kaimuki/ Palolo/ Waikiki	14.9%	(11.1%-19.7%)	16.3%	(11.7%-22.3%)	17.5%	(12.8%-23.5%)	15.6%	(10.8%-22.0%)	15.3%	(10.8%-21.2%)
Honolulu - Manoa/ Upper Makiki	21.4%	(16.1%-27.8%)	19.4%	(14.0%-26.3%)	18.1%	(12.3%-25.7%)	22.7%	(16.9%-29.7%)	9.3%	(6.0%-14.0%)
Honolulu - Mililani/ Wahiawa	13.6%	(10.0%-18.2%)	18.0%	(12.8%-24.7%)	16.5%	(11.1%-23.7%)	22.1%	(16.6%-28.7%)	14.8%	(10.2%-21.1%)
Honolulu - N.Shore/ Laie	22.8%	(15.0%-33.2%)	17.3%	(9.8%-28.7%)	24.8%	(16.0%-36.3%)	21.7%	(13.5%-32.8%)	**	(**_**)
Honolulu - Nanakuli/ Waianae	28.4%	(18.4%-41.3%)	30.7%	(22.0%-40.9%)	15.0%	(10.3%-21.3%)	25.4%	(18.0%-34.6%)	20.2%	(13.5%-29.2%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	11.5%	(8.4%-15.5%)	20.9%	(15.2%-27.9%)	13.1%	(9.2%-18.3%)	16.9%	(12.1%-23.0%)	12.8%	(9.0%-17.9%)
Honolulu - Salt Lake/ Foster Village	16.9%	(11.0%-25.1%)	14.5%	(8.2%-24.2%)	16.4%	(9.6%-26.7%)	14.4%	(8.9%-22.6%)	**	(**_**)
Honolulu - Waialae/ Kahala/ Hawaii Kai	19.2%	(14.0%-25.7%)	18.2%	(12.3%-26.2%)	14.0%	(9.0%-21.1%)	17.2%	(11.6%-24.8%)	9.1%	(5.8%-14.1%)
Honolulu - Waipahu/ Kapolei/ Ewa	17.1%	(13.5%-21.4%)	18.3%	(14.0%-23.6%)	20.3%	(16.2%-25.2%)	19.6%	(15.8%-24.0%)	15.7%	(12.4%-19.6%)
Maui - Kahului	18.2%	(12.7%-25.5%)	25.9%	(19.6%-33.5%)	19.2%	(14.2%-25.6%)	13.3%	(9.6%-18.1%)	17.4%	(12.9%-22.9%)
Maui - Lahaina/ Wailuku	15.2%	(10.6%-21.4%)	17.9%	(13.6%-23.2%)	19.1%	(14.4%-25.0%)	21.4%	(16.5%-27.4%)	15.9%	(12.3%-20.2%)
Maui - Lanai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	29.5%	(19.0%-42.7%)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	20.9%	(14.8%-28.7%)	26.4%	(20.0%-34.0%)	20.4%	(15.4%-26.6%)	21.4%	(14.7%-30.1%)	15.0%	(11.4%-19.5%)
Hawaii - Hilo	21.7%	(16.5%-28.0%)	16.2%	(12.1%-21.5%)	18.4%	(13.6%-24.3%)	21.0%	(15.6%-27.6%)	14.7%	(10.7%-19.9%)
Hawaii - Kona	22.1%	(16.3%-29.2%)	23.7%	(17.1%-32.0%)	20.4%	(14.6%-27.9%)	19.6%	(14.8%-25.5%)	19.7%	(14.7%-25.9%)
Hawaii - N.Hawaii	25.8%	(18.6%-34.6%)	21.1%	(15.2%-28.6%)	17.3%	(12.2%-23.8%)	17.6%	(12.4%-24.3%)	19.8%	(13.8%-27.6%)
Hawaii - Puna/ Kau	16.7%	(11.3%-23.9%)	19.7%	(15.0%-25.4%)	25.2%	(18.6%-33.2%)	18.3%	(14.2%-23.3%)	13.8%	(10.1%-18.6%)

Table 4. 30-day binge drinking among adults by county, sex, race, and community in 2012-2020 (age-adjusted)

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	19.2%	(17.8%-20.7%)	21.0%	(19.5%-22.6%)	19.7%	(18.3%-21.1%)	21.0%	(19.6%-22.5%)	17.1%	(15.8%-18.4%)
County										
Kauai County	22.9%	(17.2%-29.9%)	22.2%	(18.1%-27.0%)	23.0%	(18.6%-28.0%)	23.5%	(19.5%-28.0%)	18.4%	(15.1%-22.3%)
Honolulu County	18.6%	(16.9%-20.4%)	20.0%	(18.1%-22.1%)	18.7%	(17.0%-20.6%)	21.0%	(19.3%-22.9%)	16.1%	(14.5%-17.9%)
Maui County	18.4%	(15.0%-22.3%)	25.8%	(22.2%-29.7%)	20.3%	(17.2%-23.7%)	21.3%	(17.9%-25.2%)	17.6%	(15.0%-20.5%)
Hawaii County	22.9%	(19.5%-26.6%)	22.2%	(18.9%-26.0%)	22.8%	(19.3%-26.8%)	20.8%	(17.8%-24.3%)	18.4%	(15.6%-21.6%)
Sex										
Female	12.3%	(10.8%-14.0%)	12.6%	(11.0%-14.5%)	14.3%	(12.6%-16.2%)	15.2%	(13.4%-17.2%)	12.2%	(10.7%-14.0%)
Male	26.4%	(24.2%-28.8%)	29.1%	(26.8%-31.6%)	24.8%	(22.6%-27.0%)	27.1%	(25.0%-29.3%)	21.3%	(19.4%-23.4%)
Race										
Native Hawaiian	25.3%	(21.9%-29.1%)	27.6%	(24.5%-31.0%)	24.3%	(21.4%-27.6%)	25.5%	(22.4%-28.9%)	20.5%	(17.7%-23.6%)
Other Pacific Islander	21.7%	(14.6%-30.8%)	19.0%	(12.8%-27.3%)	26.9%	(19.8%-35.4%)	24.4%	(19.2%-30.4%)	23.0%	(17.5%-29.7%)
Black	16.8%	(10.5%-25.7%)	21.9%	(13.1%-34.5%)	20.5%	(12.4%-32.1%)	17.7%	(10.8%-27.7%)	12.8%	(7.7%-20.7%)
Caucasian	20.4%	(17.8%-23.3%)	24.1%	(20.8%-27.7%)	23.2%	(20.1%-26.6%)	21.2%	(18.7%-23.9%)	18.2%	(15.7%-21.0%)
Chinese	14.9%	(10.4%-20.8%)	13.0%	(8.5%-19.3%)	8.1%	(4.7%-13.8%)	8.4%	(4.9%-13.9%)	10.5%	(7.0%-15.3%)
Filipino	13.0%	(10.3%-16.3%)	15.3%	(12.2%-19.1%)	15.4%	(12.4%-18.9%)	19.7%	(16.1%-23.8%)	13.9%	(11.1%-17.3%)
Japanese	19.4%	(16.1%-23.3%)	17.8%	(14.1%-22.2%)	17.3%	(13.8%-21.4%)	21.5%	(17.0%-26.8%)	11.7%	(8.9%-15.2%)
Native Alaskan/ American Indian	26.6%	(19.2%-35.6%)	20.5%	(13.3%-30.2%)	21.4%	(12.9%-33.3%)	29.2%	(20.9%-39.3%)	23.6%	(14.9%-35.3%)
Other	19.4%	(14.1%-26.0%)	18.8%	(13.9%-25.0%)	20.7%	(15.7%-26.6%)	21.0%	(13.7%-30.8%)	20.4%	(11.9%-32.8%)
Other Asian	11.7%	(6.9%-19.0%)	15.8%	(9.2%-25.7%)	16.4%	(11.0%-23.6%)	15.0%	(10.8%-20.5%)	15.7%	(10.4%-22.9%)
Community										
Kauai - Hanalei/ Kapaa	29.0%	(20.0%-39.9%)	25.0%	(19.0%-32.1%)	23.1%	(16.9%-30.6%)	23.2%	(17.6%-29.9%)	18.0%	(13.6%-23.4%)
Kauai - Lihue/ Waimea	17.0%	(11.7%-23.9%)	20.1%	(14.9%-26.7%)	22.6%	(16.7%-29.8%)	23.5%	(18.1%-29.9%)	19.1%	(14.5%-24.6%)
Honolulu - Aiea/ Pearl City	28.2%	(21.8%-35.6%)	20.6%	(15.0%-27.5%)	19.0%	(13.6%-25.8%)	25.8%	(19.7%-33.2%)	16.0%	(11.4%-22.0%)
Honolulu - Ala Moana	20.0%	(14.3%-27.3%)	17.1%	(10.7%-26.1%)	15.4%	(10.5%-22.0%)	22.4%	(16.0%-30.5%)	15.6%	(10.3%-23.0%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	19.4%	(13.3%-27.3%)	23.4%	(16.8%-31.6%)	20.8%	(14.4%-29.1%)	19.6%	(14.1%-26.6%)	18.8%	(12.7%-27.0%)
Honolulu - Kailua/ Waimanalo	15.7%	(11.0%-21.9%)	21.1%	(15.0%-28.7%)	27.8%	(20.0%-37.3%)	19.9%	(13.7%-28.0%)	23.4%	(16.2%-32.7%)
Honolulu - Kaimuki/ Palolo/ Waikiki	18.0%	(13.6%-23.3%)	17.7%	(12.5%-24.5%)	19.9%	(14.4%-27.0%)	17.2%	(12.4%-23.4%)	16.4%	(11.5%-23.0%)
Honolulu - Manoa/ Upper Makiki	24.0%	(18.2%-30.9%)	22.1%	(15.5%-30.6%)	19.9%	(13.9%-27.6%)	23.6%	(18.2%-29.9%)	10.2%	(6.6%-15.5%)
Honolulu - Mililani/ Wahiawa	14.1%	(10.3%-18.9%)	20.0%	(14.1%-27.7%)	16.4%	(11.3%-23.2%)	23.4%	(17.9%-30.0%)	16.3%	(11.5%-22.5%)
Honolulu - N.Shore/ Laie	23.7%	(16.7%-32.4%)	19.0%	(11.3%-30.2%)	23.3%	(15.0%-34.4%)	19.8%	(12.9%-29.1%)	22.0%	(13.1%-34.6%)
Honolulu - Nanakuli/ Waianae	27.7%	(18.6%-39.1%)	29.0%	(21.5%-37.8%)	14.9%	(10.3%-21.2%)	25.5%	(18.4%-34.1%)	21.4%	(14.2%-30.9%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	12.9%	(9.5%-17.3%)	21.6%	(15.6%-29.3%)	13.9%	(9.8%-19.3%)	17.5%	(12.9%-23.3%)	14.6%	(10.3%-20.4%)
Honolulu - Salt Lake/ Foster Village	16.4%	(11.4%-23.0%)	13.5%	(8.1%-21.7%)	15.2%	(9.3%-23.9%)	14.2%	(8.8%-22.1%)	12.3%	(7.1%-20.6%)
Honolulu - Waialae/ Kahala/ Hawaii Kai	21.2%	(14.9%-29.2%)	25.6%	(18.2%-34.7%)	17.4%	(10.9%-26.5%)	22.7%	(16.0%-31.0%)	15.9%	(9.8%-24.6%)
Honolulu - Waipahu/ Kapolei/ Ewa	16.7%	(13.3%-20.8%)	16.8%	(12.9%-21.5%)	18.6%	(14.9%-23.0%)	19.8%	(16.0%-24.3%)	15.3%	(12.1%-19.2%)
Maui - Kahului	19.2%	(13.1%-27.3%)	29.7%	(23.1%-37.3%)	20.8%	(15.4%-27.6%)	13.9%	(9.8%-19.4%)	18.0%	(13.7%-23.3%)
Maui - Lahaina/ Wailuku	15.6%	(10.8%-21.9%)	18.3%	(13.8%-23.8%)	19.5%	(14.6%-25.4%)	24.2%	(18.9%-30.4%)	17.3%	(13.3%-22.1%)
Maui - Lanai	38.7%	(27.6%-51.1%)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	33.0%	(24.1%-43.3%)	**	(**_**)	27.8%	(20.2%-36.8%)	17.6%	(10.1%-28.9%)
Maui - Upcountry/ Hana	21.8%	(15.8%-29.3%)	28.3%	(21.7%-35.9%)	22.5%	(16.9%-29.3%)	24.0%	(17.7%-31.8%)	17.0%	(12.8%-22.1%)
Hawaii - Hilo	24.5%	(18.8%-31.3%)	18.1%	(13.0%-24.7%)	20.2%	(14.6%-27.4%)	24.1%	(17.3%-32.5%)	15.4%	(10.8%-21.4%)
Hawaii - Kona	23.8%	(17.5%-31.3%)	25.1%	(18.4%-33.2%)	23.6%	(17.1%-31.5%)	21.5%	(16.0%-28.3%)	20.5%	(15.4%-26.8%)
Hawaii - N.Hawaii	29.8%	(21.8%-39.3%)	26.6%	(18.6%-36.5%)	17.2%	(12.0%-23.9%)	19.2%	(13.5%-26.5%)	22.8%	(16.1%-31.2%)
Hawaii - Puna/ Kau	17.7%	(11.7%-25.8%)	20.8%	(15.5%-27.3%)	28.2%	(20.5%-37.4%)	19.9%	(15.3%-25.6%)	14.6%	(10.6%-19.7%)

Table 5. Driving in the past 30 days after having too much to drink among adults (age 18 and older) in 2012-2020

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
None	94.1%	(92.7%-95.3%)	95.9%	(94.9%-96.7%)	94.5%	(93.4%-95.4%)	95.9%	(94.9%-96.7%)	97.1%	(96.2%-97.7%)
Once	2.9%	(2.1%-3.9%)	1.8%	(1.3%-2.5%)	2.9%	(2.2%-3.8%)	1.9%	(1.4%-2.7%)	1.6%	(1.1%-2.2%)
Twice	1.1%	(0.7%-1.8%)	1.2%	(0.8%-1.8%)	1.3%	(0.9%-1.9%)	1.0%	(0.7%-1.5%)	0.5%	(0.3%-0.8%)
Three times or more	1.9%	(1.3%-2.8%)	1.1%	(0.7%-1.7%)	1.3%	(0.9%-1.9%)	1.2%	(0.8%-1.8%)	0.9%	(0.6%-1.5%)

Table 6. Ever told you had a depressive disorder among adults by county, sex, race, and community in 2012-2020

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	11.5%	(10.5%-12.6%)	10.7%	(9.8%-11.7%)	12.1%	(11.1%-13.1%)	12.6%	(11.6%-13.6%)	12.7%	(11.8%-13.7%)
County										
Kauai County	10.7%	(8.3%-13.6%)	13.6%	(10.6%-17.3%)	10.0%	(7.7%-12.8%)	12.1%	(9.7%-14.9%)	12.6%	(10.1%-15.6%)
Honolulu County	10.6%	(9.3%-12.0%)	9.7%	(8.6%-11.0%)	11.3%	(10.0%-12.7%)	11.4%	(10.2%-12.7%)	12.3%	(11.0%-13.7%)
Maui County	13.0%	(10.7%-15.8%)	12.1%	(10.0%-14.5%)	14.0%	(11.9%-16.6%)	15.5%	(12.5%-19.0%)	12.1%	(10.3%-14.2%)
Hawaii County	14.7%	(12.0%-17.8%)	13.8%	(11.7%-16.3%)	15.3%	(12.9%-18.0%)	16.5%	(14.1%-19.3%)	14.9%	(12.7%-17.3%)
Sex										
Female	13.7%	(12.2%-15.3%)	12.6%	(11.3%-14.1%)	14.3%	(12.9%-15.9%)	14.9%	(13.5%-16.6%)	15.8%	(14.3%-17.4%)
Male	9.2%	(7.8%-10.7%)	8.9%	(7.7%-10.3%)	9.9%	(8.6%-11.4%)	10.2%	(9.0%-11.6%)	9.3%	(8.1%-10.7%)
Race										
Native Hawaiian	13.3%	(10.7%-16.3%)	15.6%	(13.0%-18.5%)	14.9%	(12.6%-17.7%)	14.6%	(12.1%-17.6%)	15.1%	(12.9%-17.7%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	10.5%	(7.4%-14.8%)	6.8%	(3.9%-11.4%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	17.4%	(9.8%-29.1%)	12.6%	(7.0%-21.9%)
Caucasian	15.4%	(13.6%-17.5%)	14.8%	(12.7%-17.1%)	15.7%	(13.6%-18.0%)	16.5%	(14.5%-18.6%)	16.7%	(14.8%-18.7%)
Chinese	7.5%	(5.0%-11.1%)	8.2%	(5.1%-12.8%)	7.4%	(4.7%-11.7%)	9.3%	(6.2%-13.8%)	8.2%	(5.4%-12.2%)
Filipino	7.8%	(5.1%-11.8%)	5.7%	(4.2%-7.8%)	6.7%	(5.0%-8.9%)	9.5%	(7.3%-12.2%)	7.1%	(5.4%-9.5%)
Japanese	7.3%	(5.8%-9.2%)	6.4%	(5.0%-8.2%)	8.8%	(6.9%-11.3%)	7.5%	(5.9%-9.6%)	10.2%	(8.1%-12.7%)
Native Alaskan/ American Indian	29.2%	(20.2%-40.1%)	18.2%	(11.7%-27.2%)	19.1%	(12.1%-28.9%)	18.8%	(12.2%-27.9%)	24.5%	(16.4%-34.8%)
Other	18.5%	(11.6%-28.2%)	16.5%	(12.3%-21.9%)	18.7%	(13.8%-24.8%)	17.9%	(11.4%-26.8%)	22.1%	(13.9%-33.2%)
Other Asian	**	(**_**)	**	(**_**)	10.7%	(6.1%-17.9%)	11.7%	(8.2%-16.4%)	13.2%	(8.2%-20.7%)
Community										
Kauai - Hanalei/ Kapaa	10.8%	(7.4%-15.6%)	14.3%	(9.6%-20.7%)	10.8%	(7.6%-15.0%)	12.7%	(9.2%-17.3%)	13.0%	(9.5%-17.7%)
Kauai - Lihue/ Waimea	10.5%	(7.5%-14.6%)	13.1%	(9.5%-17.9%)	9.4%	(6.4%-13.6%)	11.6%	(8.7%-15.4%)	12.3%	(9.1%-16.5%)
Honolulu - Aiea/ Pearl City	11.2%	(7.0%-17.5%)	7.9%	(5.2%-11.8%)	13.1%	(8.7%-19.3%)	10.6%	(7.4%-15.1%)	10.7%	(7.0%-16.1%)
Honolulu - Ala Moana	8.1%	(5.2%-12.4%)	16.8%	(10.6%-25.7%)	16.9%	(10.6%-25.9%)	13.7%	(8.8%-20.7%)	9.1%	(5.6%-14.5%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	8.2%	(5.0%-13.2%)	7.7%	(4.3%-13.4%)	8.6%	(5.4%-13.5%)	10.6%	(6.4%-17.1%)	13.6%	(9.3%-19.6%)
Honolulu - Kailua/ Waimanalo	11.4%	(8.0%-16.0%)	11.7%	(7.6%-17.4%)	12.5%	(8.1%-18.7%)	16.8%	(12.0%-23.1%)	16.9%	(11.4%-24.3%)
Honolulu - Kaimuki/ Palolo/ Waikiki	10.7%	(7.7%-14.7%)	13.0%	(9.2%-18.0%)	8.3%	(5.6%-12.2%)	12.1%	(8.2%-17.5%)	10.8%	(7.6%-15.2%)
Honolulu - Manoa/ Upper Makiki	11.3%	(7.7%-16.2%)	9.8%	(6.6%-14.1%)	14.7%	(9.8%-21.5%)	10.4%	(7.1%-14.9%)	11.9%	(8.1%-17.0%)
Honolulu - Mililani/ Wahiawa	14.7%	(10.1%-20.8%)	9.1%	(5.2%-15.5%)	13.3%	(9.1%-19.1%)	10.9%	(7.6%-15.4%)	15.0%	(10.8%-20.5%)
Honolulu - N.Shore/ Laie	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Nanakuli/ Waianae	**	(**_**)	21.6%	(14.5%-30.8%)	18.6%	(12.4%-26.9%)	17.9%	(12.3%-25.3%)	14.0%	(9.6%-19.9%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	9.4%	(6.4%-13.6%)	8.8%	(6.0%-12.6%)	8.7%	(6.1%-12.3%)	8.7%	(5.9%-12.6%)	14.8%	(10.2%-21.0%)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	**	(**_**)	**	(**_**)	13.6%	(7.4%-23.5%)	**	(**_**)
Honolulu - Waialae/ Kahala/ Hawaii Kai	**	(**_**)	7.1%	(4.1%-11.9%)	10.2%	(6.3%-16.1%)	7.3%	(4.3%-12.0%)	10.6%	(6.7%-16.6%)
Honolulu - Waipahu/ Kapolei/ Ewa	11.6%	(8.3%-16.0%)	6.8%	(4.9%-9.4%)	8.8%	(6.4%-11.9%)	10.7%	(8.2%-13.8%)	10.0%	(7.7%-13.0%)
Maui - Kahului	11.3%	(7.8%-16.2%)	13.8%	(9.7%-19.2%)	12.6%	(9.4%-16.8%)	16.0%	(11.2%-22.2%)	11.6%	(8.6%-15.6%)
Maui - Lahaina/ Wailuku	13.6%	(9.4%-19.4%)	11.7%	(8.6%-15.7%)	13.9%	(10.4%-18.2%)	16.1%	(11.5%-22.0%)	13.1%	(9.9%-17.0%)
Maui - Lanai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	**	(**_**)	11.0%	(6.1%-19.0%)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	14.9%	(10.9%-20.1%)	10.4%	(7.3%-14.7%)	16.0%	(11.8%-21.4%)	15.9%	(10.1%-24.0%)	11.2%	(8.3%-14.9%)
Hawaii - Hilo	10.7%	(7.6%-15.0%)	13.2%	(9.7%-17.7%)	18.0%	(12.9%-24.5%)	15.3%	(11.6%-19.8%)	14.3%	(10.6%-19.1%)
Hawaii - Kona	13.5%	(9.1%-19.6%)	12.6%	(8.2%-18.9%)	12.7%	(9.1%-17.5%)	13.7%	(10.1%-18.2%)	15.9%	(11.5%-21.5%)
Hawaii - N.Hawaii	13.0%	(7.8%-20.7%)	14.8%	(10.1%-21.1%)	12.0%	(8.2%-17.3%)	13.9%	(9.7%-19.4%)	12.1%	(8.1%-17.6%)
Hawaii - Puna/ Kau	20.4%	(14.4%-28.0%)	14.6%	(10.9%-19.2%)	17.4%	(12.9%-23.0%)	21.2%	(15.9%-27.9%)	16.5%	(12.7%-21.1%)

Table 7. Ever told you had a depressive disorder among adults by county, sex, race, and community in 2012-2020 (age-adjusted)

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	11.4%	(10.3%-12.6%)	10.9%	(9.9%-12.0%)	12.1%	(11.1%-13.3%)	13.0%	(11.9%-14.1%)	12.8%	(11.8%-13.9%)
County										
Kauai County	10.1%	(7.6%-13.3%)	14.0%	(10.5%-18.3%)	9.4%	(6.9%-12.6%)	12.3%	(9.7%-15.4%)	13.0%	(10.1%-16.5%)
Honolulu County	10.6%	(9.3%-12.1%)	10.0%	(8.8%-11.4%)	11.4%	(10.1%-12.9%)	11.8%	(10.6%-13.2%)	12.4%	(11.1%-13.9%)
Maui County	12.7%	(10.3%-15.6%)	11.8%	(9.7%-14.4%)	13.9%	(11.6%-16.5%)	15.9%	(12.7%-19.6%)	12.1%	(10.2%-14.3%)
Hawaii County	14.3%	(11.5%-17.5%)	13.5%	(11.1%-16.4%)	14.8%	(12.2%-17.8%)	16.5%	(13.8%-19.6%)	15.3%	(12.9%-18.0%)
Sex										
Female	13.6%	(12.0%-15.3%)	13.0%	(11.5%-14.6%)	14.6%	(13.0%-16.3%)	15.6%	(14.0%-17.5%)	16.1%	(14.5%-17.8%)
Male	9.1%	(7.7%-10.8%)	8.9%	(7.6%-10.4%)	9.8%	(8.5%-11.4%)	10.4%	(9.1%-11.8%)	9.4%	(8.2%-10.8%)
Race										
Native Hawaiian	13.0%	(10.5%-15.9%)	15.5%	(13.1%-18.3%)	14.5%	(12.3%-17.1%)	13.9%	(11.6%-16.6%)	15.4%	(13.1%-18.1%)
Other Pacific Islander	**	(**_**)	**	(**_**)	10.5%	(5.9%-18.1%)	12.4%	(9.2%-16.7%)	**	(**_**)
Black	13.6%	(7.5%-23.2%)	**	(**_**)	**	(**_**)	15.1%	(9.4%-23.4%)	14.5%	(9.2%-22.0%)
Caucasian	14.9%	(12.9%-17.1%)	14.4%	(12.2%-17.0%)	15.5%	(13.2%-18.1%)	16.4%	(14.1%-19.0%)	17.3%	(15.1%-19.8%)
Chinese	7.8%	(5.0%-12.1%)	7.5%	(4.8%-11.5%)	7.9%	(4.8%-12.7%)	10.8%	(7.1%-16.0%)	8.4%	(5.4%-12.8%)
Filipino	7.1%	(4.8%-10.6%)	5.7%	(4.1%-7.8%)	6.4%	(4.8%-8.5%)	9.4%	(7.3%-12.1%)	6.9%	(5.1%-9.1%)
Japanese	7.4%	(5.6%-9.6%)	7.7%	(5.6%-10.4%)	10.6%	(7.6%-14.7%)	9.7%	(7.2%-13.0%)	10.7%	(8.4%-13.7%)
Native Alaskan/ American Indian	27.2%	(18.7%-37.9%)	17.5%	(11.3%-26.3%)	19.5%	(12.6%-29.0%)	17.5%	(11.7%-25.5%)	27.5%	(19.0%-38.1%)
Other	17.6%	(11.1%-26.8%)	17.2%	(12.8%-22.6%)	18.7%	(14.0%-24.5%)	18.7%	(12.5%-27.2%)	19.3%	(12.8%-28.0%)
Other Asian	**	(**_**)	**	(**_**)	10.4%	(6.1%-17.1%)	12.4%	(8.7%-17.4%)	12.2%	(8.0%-18.1%)
Community										
Kauai - Hanalei/ Kapaa	10.3%	(6.8%-15.4%)	14.6%	(9.4%-22.0%)	10.4%	(7.1%-15.0%)	13.4%	(9.5%-18.7%)	12.5%	(8.9%-17.4%)
Kauai - Lihue/ Waimea	9.9%	(6.7%-14.3%)	13.3%	(9.4%-18.5%)	8.9%	(5.6%-13.7%)	11.9%	(8.7%-16.1%)	13.5%	(9.6%-18.8%)
Honolulu - Aiea/ Pearl City	11.5%	(7.4%-17.5%)	8.5%	(5.5%-13.0%)	12.8%	(8.5%-18.9%)	12.0%	(8.3%-17.0%)	11.4%	(7.7%-16.7%)
Honolulu - Ala Moana	8.7%	(5.6%-13.2%)	17.5%	(11.1%-26.5%)	15.8%	(10.3%-23.3%)	13.5%	(8.6%-20.7%)	9.9%	(5.9%-16.2%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	8.4%	(4.9%-13.8%)	10.1%	(5.6%-17.7%)	8.7%	(5.2%-14.2%)	10.7%	(6.3%-17.6%)	14.0%	(9.5%-20.1%)
Honolulu - Kailua/ Waimanalo	9.9%	(7.0%-14.0%)	14.4%	(9.4%-21.6%)	12.6%	(7.9%-19.6%)	17.8%	(12.2%-25.2%)	17.1%	(11.0%-25.6%)
Honolulu - Kaimuki/ Palolo/ Waikiki	12.1%	(8.6%-16.7%)	13.2%	(9.2%-18.4%)	8.7%	(5.7%-13.1%)	11.9%	(8.3%-16.8%)	11.2%	(7.6%-16.0%)
Honolulu - Manoa/ Upper Makiki	11.2%	(7.6%-16.0%)	9.6%	(6.5%-13.9%)	15.7%	(10.4%-23.0%)	10.3%	(6.9%-15.0%)	12.6%	(8.6%-18.0%)
Honolulu - Mililani/ Wahiawa	14.5%	(10.0%-20.7%)	8.7%	(5.0%-14.6%)	13.5%	(9.2%-19.4%)	12.1%	(8.3%-17.3%)	16.0%	(11.6%-21.8%)
Honolulu - N.Shore/ Laie	**	(**_**)	**	(**_**)	**	(**_**)	11.1%	(6.4%-18.5%)	16.7%	(9.6%-27.3%)
Honolulu - Nanakuli/ Waianae	**	(**_**)	20.0%	(13.8%-28.1%)	17.4%	(12.2%-24.2%)	18.6%	(13.3%-25.5%)	13.2%	(9.0%-18.8%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	10.0%	(6.8%-14.6%)	8.5%	(5.7%-12.5%)	9.2%	(6.4%-13.1%)	9.1%	(6.2%-13.2%)	13.0%	(9.4%-17.7%)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	**	(**_**)	**	(**_**)	13.4%	(7.7%-22.3%)	10.0%	(5.6%-17.1%)
Honolulu - Waiialae/ Kahala/ Hawaii Kai	**	(**_**)	**	(**_**)	9.1%	(5.6%-14.4%)	6.9%	(3.9%-11.7%)	15.8%	(9.2%-25.8%)
Honolulu - Waipahu/ Kapolei/ Ewa	10.8%	(7.9%-14.6%)	6.3%	(4.4%-8.9%)	8.7%	(6.4%-11.8%)	10.4%	(7.9%-13.5%)	10.1%	(7.7%-13.1%)
Maui - Kahului	10.1%	(6.9%-14.6%)	13.6%	(9.6%-19.0%)	12.3%	(9.0%-16.6%)	15.8%	(11.1%-22.1%)	11.7%	(8.6%-15.7%)
Maui - Lahaina/ Wailuku	13.3%	(9.0%-19.2%)	12.3%	(8.7%-17.2%)	13.7%	(10.2%-18.3%)	15.8%	(11.5%-21.4%)	13.3%	(10.0%-17.5%)
Maui - Lanai	**	(**_**)	**	(**_**)	11.3%	(6.2%-19.8%)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	15.6%	(11.2%-21.3%)	9.8%	(6.6%-14.3%)	16.5%	(11.9%-22.5%)	16.3%	(11.5%-22.8%)	11.4%	(8.3%-15.4%)
Hawaii - Hilo	9.7%	(6.8%-13.5%)	13.7%	(9.3%-19.8%)	18.2%	(12.6%-25.4%)	16.8%	(12.3%-22.6%)	14.2%	(10.0%-19.8%)
Hawaii - Kona	12.5%	(8.4%-18.1%)	13.1%	(8.6%-19.6%)	11.7%	(8.0%-16.8%)	12.9%	(8.9%-18.3%)	16.6%	(12.0%-22.5%)
Hawaii - N.Hawaii	14.0%	(8.2%-22.8%)	14.1%	(8.3%-22.9%)	12.3%	(7.5%-19.5%)	13.4%	(9.1%-19.1%)	11.9%	(7.6%-18.0%)
Hawaii - Puna/ Kau	19.2%	(13.6%-26.5%)	14.4%	(10.6%-19.4%)	15.8%	(11.2%-21.7%)	20.7%	(15.7%-26.8%)	17.3%	(13.1%-22.6%)

Table 8. Ever smoker among adults by county, sex, race, and community in 2012-2020

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	40.2%	(38.5%-41.9%)	40.1%	(38.5%-41.7%)	38.4%	(36.9%-40.0%)	39.4%	(37.9%-40.9%)	37.4%	(35.9%-38.9%)
County										
Kauai County	45.0%	(39.0%-51.0%)	41.4%	(37.0%-46.0%)	45.0%	(40.5%-49.7%)	45.1%	(40.9%-49.4%)	37.9%	(33.7%-42.2%)
Honolulu County	38.1%	(35.9%-40.3%)	38.1%	(36.0%-40.3%)	35.5%	(33.6%-37.6%)	37.2%	(35.2%-39.2%)	35.2%	(33.2%-37.2%)
Maui County	43.9%	(39.7%-48.3%)	43.6%	(40.0%-47.2%)	44.7%	(41.1%-48.4%)	43.7%	(39.9%-47.6%)	40.4%	(37.1%-43.8%)
Hawaii County	46.9%	(43.1%-50.7%)	49.2%	(45.6%-52.8%)	45.7%	(42.0%-49.4%)	45.8%	(42.4%-49.3%)	44.8%	(41.4%-48.3%)
Sex										
Female	33.5%	(31.3%-35.7%)	35.1%	(32.9%-37.4%)	31.8%	(29.8%-33.8%)	33.5%	(31.4%-35.7%)	33.1%	(31.1%-35.2%)
Male	47.2%	(44.7%-49.8%)	45.9%	(43.5%-48.3%)	45.3%	(43.0%-47.7%)	45.8%	(43.5%-48.0%)	42.0%	(39.7%-44.3%)
Race										
Native Hawaiian	44.7%	(40.7%-48.9%)	49.4%	(45.7%-53.1%)	44.0%	(40.5%-47.5%)	49.0%	(45.3%-52.7%)	42.5%	(39.1%-46.1%)
Other Pacific Islander	36.7%	(25.2%-49.8%)	41.0%	(30.6%-52.3%)	39.7%	(29.7%-50.6%)	38.5%	(31.9%-45.6%)	39.4%	(31.9%-47.5%)
Black	31.2%	(20.8%-44.0%)	44.0%	(29.9%-59.2%)	26.1%	(16.0%-39.6%)	29.0%	(20.1%-39.9%)	25.2%	(16.8%-36.1%)
Caucasian	45.6%	(42.6%-48.7%)	44.9%	(41.6%-48.2%)	46.2%	(43.1%-49.3%)	44.2%	(41.5%-46.9%)	43.0%	(40.2%-45.8%)
Chinese	23.4%	(18.4%-29.3%)	26.5%	(20.6%-33.4%)	19.6%	(14.9%-25.4%)	24.3%	(18.8%-30.8%)	22.4%	(17.0%-28.9%)
Filipino	30.8%	(26.1%-36.0%)	29.9%	(25.9%-34.2%)	29.5%	(25.8%-33.6%)	30.8%	(26.8%-35.0%)	27.8%	(24.1%-31.7%)
Japanese	41.8%	(38.2%-45.6%)	37.6%	(34.1%-41.2%)	37.3%	(34.0%-40.8%)	37.5%	(33.6%-41.7%)	37.1%	(33.5%-41.0%)
Native Alaskan/ American Indian	50.6%	(40.5%-60.7%)	58.2%	(47.2%-68.5%)	46.9%	(35.5%-58.6%)	45.2%	(35.0%-55.9%)	47.2%	(35.8%-58.9%)
Other	47.8%	(39.0%-56.7%)	45.0%	(38.0%-52.1%)	41.4%	(34.8%-48.4%)	35.2%	(25.8%-45.8%)	40.9%	(29.4%-53.5%)
Other Asian	33.3%	(23.4%-44.8%)	34.1%	(24.8%-44.8%)	33.3%	(24.8%-43.1%)	37.4%	(31.1%-44.2%)	37.6%	(30.2%-45.8%)
Community										
Kauai - Hanalei/ Kapaa	46.9%	(37.6%-56.5%)	37.8%	(31.4%-44.6%)	41.6%	(35.2%-48.2%)	48.8%	(42.5%-55.1%)	41.9%	(35.4%-48.7%)
Kauai - Lihue/ Waimea	43.3%	(35.9%-51.1%)	43.8%	(37.8%-49.8%)	47.6%	(41.3%-54.0%)	42.3%	(36.8%-48.0%)	34.8%	(29.5%-40.4%)
Honolulu - Aiea/ Pearl City	45.3%	(37.9%-53.0%)	37.3%	(30.5%-44.6%)	37.1%	(30.6%-44.0%)	41.8%	(34.8%-49.1%)	38.1%	(31.4%-45.2%)
Honolulu - Ala Moana	33.4%	(25.3%-42.7%)	36.5%	(27.9%-46.1%)	37.4%	(28.7%-47.1%)	38.0%	(29.4%-47.4%)	37.2%	(29.2%-46.0%)
Honolulu - N.Shore/ Kahaluu/ Kaneohe	38.9%	(31.4%-46.9%)	40.3%	(32.5%-48.6%)	39.4%	(32.5%-46.6%)	41.1%	(33.8%-48.8%)	42.7%	(35.0%-50.7%)
Honolulu - Kailua/ Waimanalo	42.2%	(34.4%-50.4%)	34.7%	(27.6%-42.5%)	37.7%	(30.4%-45.6%)	38.5%	(31.1%-46.3%)	32.7%	(25.3%-41.0%)
Honolulu - Kaimuki/ Palolo/ Waikiki	39.1%	(32.5%-46.1%)	32.1%	(26.2%-38.7%)	37.5%	(31.3%-44.2%)	33.8%	(27.1%-41.3%)	38.4%	(31.7%-45.7%)
Honolulu - Manoa/ Upper Makiki	36.3%	(29.8%-43.4%)	33.1%	(26.7%-40.1%)	33.9%	(27.4%-41.0%)	37.1%	(30.6%-44.0%)	26.5%	(20.8%-33.2%)
Honolulu - Mililani/ Wahiawa	47.3%	(40.0%-54.7%)	42.5%	(35.0%-50.3%)	34.5%	(28.0%-41.8%)	42.5%	(35.9%-49.4%)	39.9%	(33.3%-46.8%)
Honolulu - N.Shore/ Laie	35.2%	(25.7%-46.0%)	38.4%	(26.9%-51.3%)	36.1%	(26.0%-47.6%)	29.0%	(19.3%-41.1%)	35.1%	(23.7%-48.5%)
Honolulu - Nanakuli/ Waianae	41.7%	(30.9%-53.3%)	45.7%	(36.7%-54.9%)	48.0%	(39.1%-57.0%)	51.4%	(42.9%-59.8%)	45.0%	(36.3%-54.0%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	30.5%	(24.5%-37.4%)	39.4%	(32.7%-46.6%)	31.8%	(26.0%-38.1%)	29.9%	(24.6%-35.8%)	33.3%	(27.0%-40.2%)
Honolulu - Salt Lake/ Foster Village	34.8%	(25.7%-45.1%)	39.3%	(28.3%-51.4%)	32.0%	(23.2%-42.5%)	33.5%	(25.1%-43.0%)	35.4%	(26.1%-45.9%)
Honolulu - Waialae/ Kahala/ Hawaii Kai	31.9%	(25.4%-39.3%)	38.2%	(30.5%-46.5%)	35.3%	(28.1%-43.2%)	33.1%	(26.2%-40.8%)	29.6%	(23.0%-37.3%)
Honolulu - Waipahu/ Kapolei/ Ewa	34.4%	(29.2%-40.1%)	38.5%	(33.1%-44.1%)	30.5%	(26.0%-35.4%)	34.9%	(30.4%-39.8%)	30.5%	(26.0%-35.3%)
Maui - Kahului	40.4%	(32.1%-49.2%)	43.0%	(36.3%-50.0%)	45.7%	(39.2%-52.3%)	41.5%	(34.8%-48.4%)	37.1%	(31.1%-43.4%)
Maui - Lahaina/ Wailuku	45.8%	(38.4%-53.3%)	44.5%	(38.6%-50.6%)	41.8%	(35.5%-48.4%)	42.7%	(36.3%-49.5%)	39.4%	(34.2%-45.0%)
Maui - Lanai	26.9%	(16.6%-40.5%)	58.7%	(32.7%-80.6%)	**	(**_**)	49.2%	(30.9%-67.7%)	**	(**_**)
Maui - Molokai	34.2%	(20.3%-51.5%)	42.2%	(30.7%-54.6%)	44.5%	(32.1%-57.8%)	32.9%	(22.4%-45.4%)	43.4%	(28.2%-60.0%)
Maui - Upcountry/ Hana	48.6%	(41.1%-56.3%)	42.4%	(35.9%-49.1%)	48.4%	(41.8%-55.1%)	48.3%	(41.2%-55.5%)	45.3%	(39.0%-51.7%)
Hawaii - Hilo	43.5%	(36.8%-50.5%)	43.4%	(37.1%-49.9%)	43.6%	(36.3%-51.1%)	42.9%	(36.5%-49.5%)	44.2%	(37.6%-51.0%)
Hawaii - Kona	46.9%	(39.7%-54.2%)	49.8%	(42.2%-57.5%)	42.9%	(35.8%-50.2%)	38.9%	(33.0%-45.0%)	46.7%	(40.0%-53.6%)
Hawaii - N.Hawaii	43.3%	(35.4%-51.6%)	44.0%	(36.7%-51.7%)	44.3%	(36.9%-51.9%)	47.7%	(38.9%-56.5%)	41.9%	(34.2%-50.1%)
Hawaii - Puna/ Kau	52.6%	(44.7%-60.3%)	56.7%	(50.0%-63.1%)	50.8%	(43.9%-57.8%)	52.0%	(45.6%-58.4%)	45.8%	(39.7%-52.0%)

Table 9. Ever smoker among adults by county, sex, race, and community in 2012-2020 (age-adjusted)

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	39.4%	(37.7%-41.1%)	39.7%	(38.0%-41.5%)	37.4%	(35.8%-39.0%)	38.8%	(37.2%-40.4%)	36.4%	(34.9%-38.1%)
County										
Kauai County	44.1%	(37.5%-50.9%)	41.0%	(36.0%-46.2%)	43.0%	(37.9%-48.2%)	44.3%	(39.8%-48.8%)	35.3%	(30.8%-40.0%)
Honolulu County	37.4%	(35.3%-39.7%)	38.0%	(35.8%-40.3%)	34.7%	(32.6%-36.8%)	36.8%	(34.8%-38.9%)	34.4%	(32.3%-36.5%)
Maui County	42.8%	(38.4%-47.3%)	43.4%	(39.4%-47.4%)	44.0%	(40.3%-47.8%)	43.2%	(39.0%-47.4%)	38.6%	(35.2%-42.0%)
Hawaii County	45.6%	(41.5%-49.8%)	47.9%	(43.9%-52.0%)	43.2%	(39.2%-47.3%)	44.1%	(40.3%-48.0%)	43.2%	(39.5%-47.1%)
Sex										
Female	33.0%	(30.7%-35.3%)	34.9%	(32.5%-37.4%)	30.8%	(28.7%-33.0%)	33.0%	(30.7%-35.3%)	32.2%	(30.0%-34.5%)
Male	46.3%	(43.8%-48.9%)	45.4%	(43.0%-47.9%)	44.3%	(41.9%-46.6%)	45.2%	(42.9%-47.5%)	40.7%	(38.4%-43.1%)
Race										
Native Hawaiian	45.6%	(41.7%-49.6%)	51.2%	(47.7%-54.8%)	45.4%	(42.2%-48.8%)	50.2%	(46.6%-53.8%)	43.1%	(39.6%-46.6%)
Other Pacific Islander	33.3%	(24.5%-43.6%)	31.0%	(23.8%-39.3%)	33.4%	(25.7%-42.1%)	40.4%	(34.1%-47.0%)	41.9%	(33.8%-50.4%)
Black	37.7%	(27.3%-49.5%)	44.3%	(32.7%-56.5%)	32.0%	(21.5%-44.8%)	32.2%	(23.1%-43.0%)	30.2%	(22.1%-39.7%)
Caucasian	43.9%	(40.7%-47.1%)	43.7%	(39.9%-47.6%)	43.5%	(40.1%-47.0%)	42.6%	(39.6%-45.6%)	41.2%	(38.2%-44.4%)
Chinese	24.9%	(19.1%-31.7%)	26.3%	(19.6%-34.2%)	18.5%	(13.8%-24.3%)	22.5%	(16.7%-29.6%)	19.6%	(14.5%-26.1%)
Filipino	30.1%	(25.7%-35.0%)	30.1%	(26.0%-34.4%)	29.5%	(25.8%-33.5%)	29.9%	(25.9%-34.2%)	27.8%	(24.0%-31.9%)
Japanese	40.0%	(35.5%-44.6%)	33.5%	(29.4%-38.0%)	31.5%	(27.2%-36.1%)	33.7%	(29.2%-38.6%)	33.5%	(29.1%-38.1%)
Native Alaskan/ American Indian	51.1%	(41.4%-60.7%)	54.7%	(45.2%-63.9%)	47.8%	(36.7%-59.0%)	42.3%	(32.8%-52.4%)	46.3%	(34.6%-58.3%)
Other	46.7%	(38.4%-55.1%)	45.2%	(38.5%-52.1%)	41.4%	(35.5%-47.6%)	36.3%	(27.2%-46.4%)	40.9%	(29.1%-53.9%)
Other Asian	35.8%	(26.0%-47.0%)	36.0%	(26.5%-46.7%)	33.1%	(24.8%-42.5%)	38.0%	(31.7%-44.7%)	37.4%	(30.1%-45.2%)
Community										
Kauai - Hanalei/ Kapaa	45.7%	(36.6%-55.1%)	36.2%	(29.5%-43.4%)	38.9%	(32.5%-45.7%)	46.6%	(39.7%-53.6%)	40.7%	(33.7%-48.0%)
Kauai - Lihue/ Waimea	43.2%	(35.2%-51.6%)	44.9%	(38.4%-51.6%)	46.4%	(39.0%-53.9%)	42.1%	(36.5%-48.0%)	31.0%	(25.6%-36.9%)
Honolulu - Aiea/ Pearl City	45.1%	(37.8%-52.6%)	36.9%	(30.2%-44.2%)	35.5%	(29.1%-42.5%)	42.8%	(35.4%-50.5%)	32.4%	(26.1%-39.4%)
Honolulu - Ala Moana	34.0%	(26.7%-42.1%)	37.0%	(28.9%-45.9%)	33.2%	(26.0%-41.2%)	34.5%	(26.3%-43.8%)	36.3%	(28.2%-45.2%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	34.7%	(27.7%-42.4%)	40.4%	(31.9%-49.5%)	32.3%	(26.1%-39.2%)	39.9%	(32.2%-48.2%)	39.8%	(31.9%-48.4%)
Honolulu - Kailua/ Waimanalo	40.3%	(32.8%-48.2%)	33.9%	(26.6%-42.1%)	34.8%	(27.4%-42.9%)	35.4%	(27.9%-43.8%)	26.8%	(20.6%-34.1%)
Honolulu - Kaimuki/ Palolo/ Waikiki	40.0%	(33.4%-47.0%)	30.6%	(24.6%-37.3%)	37.3%	(30.3%-44.9%)	34.0%	(27.2%-41.7%)	39.3%	(32.4%-46.6%)
Honolulu - Manoa/ Upper Makiki	36.2%	(29.3%-43.7%)	32.3%	(25.3%-40.1%)	31.9%	(25.4%-39.1%)	38.0%	(31.9%-44.6%)	26.1%	(20.8%-32.4%)
Honolulu - Mililani/ Wahiawa	46.3%	(38.9%-53.9%)	42.5%	(34.6%-50.8%)	35.4%	(29.0%-42.3%)	40.1%	(33.5%-47.1%)	40.3%	(33.7%-47.2%)
Honolulu - N.Shore/ Laie	35.4%	(26.6%-45.2%)	36.2%	(27.0%-46.4%)	35.3%	(25.8%-46.1%)	28.9%	(21.4%-37.6%)	32.9%	(22.8%-44.8%)
Honolulu - Nanakuli/ Waianae	47.1%	(38.9%-55.4%)	44.1%	(35.7%-52.9%)	47.5%	(38.9%-56.3%)	51.5%	(43.1%-59.8%)	45.4%	(36.4%-54.8%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	32.4%	(25.9%-39.7%)	39.3%	(32.2%-46.8%)	31.6%	(25.8%-38.1%)	30.1%	(24.5%-36.2%)	33.6%	(27.4%-40.4%)
Honolulu - Salt Lake/ Foster Village	36.9%	(27.7%-47.2%)	36.5%	(27.0%-47.3%)	31.6%	(23.7%-40.8%)	35.6%	(26.9%-45.3%)	34.9%	(25.8%-45.3%)
Honolulu - Waialae/ Kahala/ Hawaii Kai	28.8%	(22.7%-35.7%)	33.7%	(26.0%-42.2%)	32.2%	(24.9%-40.6%)	26.2%	(20.3%-33.2%)	28.2%	(20.9%-37.0%)
Honolulu - Waipahu/ Kapolei/ Ewa	34.7%	(29.8%-39.9%)	39.4%	(33.9%-45.1%)	31.8%	(27.4%-36.5%)	36.1%	(31.6%-40.9%)	30.7%	(26.2%-35.6%)
Maui - Kahului	40.4%	(31.5%-49.9%)	44.4%	(37.3%-51.7%)	46.0%	(39.5%-52.5%)	40.6%	(33.6%-48.0%)	35.2%	(29.5%-41.3%)
Maui - Lahaina/ Wailuku	45.5%	(38.3%-53.0%)	42.3%	(36.2%-48.7%)	40.7%	(34.3%-47.3%)	41.7%	(35.4%-48.2%)	37.7%	(32.3%-43.3%)
Maui - Lanai	30.8%	(21.4%-42.1%)	58.4%	(45.8%-69.9%)	28.0%	(22.5%-34.4%)	58.4%	(40.9%-74.0%)	30.6%	(16.3%-50.0%)
Maui - Molokai	39.4%	(24.0%-57.2%)	40.8%	(30.3%-52.2%)	46.3%	(32.7%-60.6%)	23.6%	(16.2%-32.9%)	31.6%	(19.7%-46.5%)
Maui - Upcountry/ Hana	46.1%	(39.0%-53.4%)	41.8%	(35.0%-48.9%)	46.6%	(40.0%-53.2%)	48.9%	(41.4%-56.5%)	44.6%	(38.5%-51.0%)
Hawaii - Hilo	42.6%	(35.4%-50.1%)	43.8%	(36.2%-51.6%)	42.4%	(34.9%-50.3%)	43.7%	(36.3%-51.4%)	41.9%	(35.2%-48.9%)
Hawaii - Kona	44.0%	(36.4%-51.8%)	49.3%	(41.2%-57.4%)	41.4%	(33.8%-49.5%)	35.0%	(28.8%-41.7%)	45.3%	(38.3%-52.5%)
Hawaii - N.Hawaii	41.7%	(33.3%-50.6%)	43.0%	(33.9%-52.7%)	39.8%	(32.5%-47.5%)	48.6%	(40.7%-56.5%)	40.8%	(32.3%-49.9%)
Hawaii - Puna/ Kau	52.0%	(43.6%-60.3%)	53.6%	(46.7%-60.5%)	47.9%	(39.6%-56.4%)	48.6%	(42.1%-55.2%)	43.3%	(36.3%-50.6%)

Table 10. Current smoker among adults by county, sex, race, and community in 2012-2020

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	14.6%	(13.3%-15.9%)	14.1%	(13.0%-15.4%)	13.1%	(12.0%-14.2%)	13.4%	(12.3%-14.5%)	11.6%	(10.6%-12.7%)
County										
Kauai County	17.6%	(12.5%-24.1%)	14.6%	(11.4%-18.4%)	15.1%	(11.9%-18.9%)	14.8%	(11.8%-18.3%)	11.4%	(8.6%-14.9%)
Honolulu County	14.1%	(12.5%-15.8%)	13.4%	(11.9%-15.0%)	11.9%	(10.5%-13.4%)	12.3%	(11.0%-13.8%)	11.1%	(9.8%-12.6%)
Maui County	14.0%	(11.5%-17.1%)	12.4%	(10.1%-15.2%)	15.2%	(12.7%-18.1%)	15.2%	(12.3%-18.8%)	11.8%	(9.8%-14.1%)
Hawaii County	16.3%	(13.7%-19.4%)	20.3%	(17.2%-23.8%)	16.3%	(13.5%-19.5%)	17.0%	(14.2%-20.3%)	14.0%	(11.9%-16.5%)
Sex										
Female	11.6%	(10.2%-13.3%)	12.1%	(10.6%-13.8%)	10.9%	(9.6%-12.4%)	11.1%	(9.7%-12.7%)	11.3%	(9.8%-12.9%)
Male	17.5%	(15.5%-19.6%)	16.5%	(14.8%-18.4%)	15.2%	(13.6%-17.1%)	15.8%	(14.2%-17.5%)	12.2%	(10.7%-13.8%)
Race										
Native Hawaiian	21.8%	(18.4%-25.6%)	26.4%	(23.1%-29.9%)	18.6%	(15.8%-21.7%)	22.5%	(19.2%-26.1%)	17.3%	(14.7%-20.2%)
Other Pacific Islander	21.2%	(11.6%-35.7%)	24.8%	(16.5%-35.5%)	25.5%	(16.7%-36.8%)	20.0%	(14.7%-26.7%)	17.3%	(12.2%-23.9%)
Black	14.1%	(7.9%-23.8%)	21.6%	(11.5%-36.8%)	**	(**_**)	14.0%	(8.2%-22.8%)	10.5%	(6.1%-17.7%)
Caucasian	13.1%	(11.1%-15.4%)	10.0%	(8.2%-12.1%)	12.6%	(10.6%-15.0%)	11.8%	(10.1%-13.6%)	10.8%	(9.1%-12.8%)
Chinese	5.4%	(3.5%-8.2%)	7.3%	(4.2%-12.4%)	7.8%	(4.9%-12.3%)	7.7%	(4.5%-12.9%)	6.8%	(4.1%-11.1%)
Filipino	14.3%	(10.7%-18.8%)	11.9%	(9.3%-15.1%)	10.8%	(8.4%-13.7%)	10.6%	(8.3%-13.6%)	10.3%	(7.8%-13.4%)
Japanese	11.7%	(9.3%-14.5%)	8.6%	(6.8%-10.9%)	8.8%	(7.0%-11.0%)	9.0%	(7.1%-11.4%)	7.6%	(5.7%-9.9%)
Native Alaskan/ American Indian	20.1%	(12.4%-30.9%)	26.7%	(18.4%-37.0%)	20.0%	(12.2%-31.0%)	20.8%	(13.5%-30.7%)	15.0%	(8.9%-24.2%)
Other	18.5%	(13.1%-25.5%)	16.3%	(11.0%-23.5%)	15.3%	(11.1%-20.8%)	**	(**_**)	**	(**_**)
Other Asian	11.0%	(6.1%-18.9%)	18.8%	(11.5%-29.3%)	14.0%	(8.3%-22.5%)	11.6%	(7.9%-16.6%)	14.1%	(8.6%-22.1%)
Community										
Kauai - Hanalei/ Kapaa	**	(**_**)	10.7%	(7.1%-15.9%)	12.2%	(8.3%-17.8%)	13.6%	(9.0%-19.9%)	14.2%	(9.4%-20.8%)
Kauai - Lihue/ Waimea	18.9%	(13.1%-26.6%)	17.1%	(12.7%-22.6%)	17.2%	(12.8%-22.7%)	15.7%	(12.0%-20.1%)	9.3%	(6.5%-13.0%)
Honolulu - Aiea/ Pearl City	21.6%	(14.8%-30.3%)	13.5%	(9.5%-18.7%)	10.1%	(6.4%-15.5%)	13.5%	(9.7%-18.6%)	13.4%	(9.1%-19.2%)
Honolulu - Ala Moana	16.1%	(10.2%-24.6%)	15.3%	(9.2%-24.3%)	18.5%	(11.1%-29.1%)	9.8%	(6.2%-15.3%)	12.0%	(6.8%-20.1%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	9.6%	(5.8%-15.6%)	17.4%	(11.5%-25.6%)	6.5%	(3.9%-10.4%)	16.9%	(11.5%-24.1%)	9.0%	(5.9%-13.6%)
Honolulu - Kailua/ Waimanalo	12.4%	(7.8%-19.0%)	9.5%	(6.0%-14.7%)	9.2%	(5.3%-15.6%)	11.2%	(7.0%-17.5%)	**	(**_**)
Honolulu - Kaimuki/ Palolo/ Waikiki	9.2%	(6.0%-13.9%)	7.6%	(4.9%-11.7%)	10.7%	(7.2%-15.6%)	9.4%	(5.6%-15.3%)	7.7%	(4.8%-12.1%)
Honolulu - Manoa/ Upper Makiki	13.2%	(9.3%-18.4%)	10.3%	(6.7%-15.4%)	11.6%	(8.1%-16.4%)	10.6%	(7.0%-15.6%)	7.6%	(4.5%-12.6%)
Honolulu - Mililani/ Wahiawa	17.7%	(12.5%-24.4%)	19.7%	(14.2%-26.7%)	9.3%	(6.0%-14.2%)	13.2%	(9.3%-18.3%)	12.6%	(8.4%-18.4%)
Honolulu - N.Shore/ Laie	16.0%	(9.2%-26.4%)	**	(**_**)	**	(**_**)	**	(**_**)	22.3%	(12.3%-37.0%)
Honolulu - Nanakuli/ Waianae	22.9%	(14.6%-34.1%)	21.9%	(15.9%-29.5%)	24.7%	(16.9%-34.5%)	25.4%	(18.3%-34.1%)	19.5%	(12.9%-28.3%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	16.5%	(11.5%-23.0%)	14.8%	(10.4%-20.6%)	13.8%	(9.8%-19.0%)	7.6%	(4.9%-11.7%)	15.3%	(10.4%-22.0%)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	**	(**_**)	16.2%	(9.4%-26.7%)	14.0%	(8.6%-22.1%)	**	(**_**)
Honolulu - Waialae/ Kahala/ Hawaii Kai	7.6%	(4.8%-11.8%)	7.9%	(4.5%-13.7%)	8.2%	(4.9%-13.5%)	**	(**_**)	**	(**_**)
Honolulu - Waipahu/ Kapolei/ Ewa	12.3%	(9.1%-16.5%)	12.4%	(9.1%-16.5%)	11.6%	(8.7%-15.3%)	12.7%	(9.8%-16.3%)	11.1%	(8.3%-14.5%)
Maui - Kahului	14.5%	(9.9%-20.7%)	10.3%	(6.6%-15.9%)	14.3%	(10.0%-20.2%)	13.7%	(9.9%-18.7%)	10.2%	(7.1%-14.6%)
Maui - Lahaina/ Wailuku	11.3%	(7.9%-16.0%)	13.5%	(9.7%-18.5%)	14.5%	(10.7%-19.4%)	15.6%	(11.0%-21.5%)	12.1%	(8.9%-16.3%)
Maui - Lanai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	23.3%	(13.9%-36.3%)	21.6%	(12.1%-35.5%)	14.6%	(8.3%-24.4%)	**	(**_**)
Maui - Upcountry/ Hana	16.9%	(12.0%-23.4%)	9.4%	(6.3%-13.8%)	16.0%	(11.5%-21.7%)	16.4%	(10.3%-25.1%)	13.0%	(9.3%-18.0%)
Hawaii - Hilo	16.4%	(12.0%-22.0%)	16.8%	(12.0%-23.1%)	17.7%	(12.6%-24.3%)	13.9%	(9.3%-20.2%)	14.6%	(10.6%-20.0%)
Hawaii - Kona	13.5%	(9.0%-19.8%)	21.6%	(15.1%-29.9%)	13.5%	(9.1%-19.6%)	16.4%	(12.2%-21.7%)	14.6%	(10.7%-19.6%)
Hawaii - N.Hawaii	15.7%	(10.4%-23.0%)	16.3%	(11.2%-23.0%)	10.7%	(7.0%-16.0%)	18.1%	(10.2%-30.2%)	8.6%	(4.7%-15.2%)
Hawaii - Puna/ Kau	18.7%	(13.4%-25.5%)	24.6%	(18.7%-31.7%)	21.3%	(15.4%-28.7%)	19.3%	(14.9%-24.7%)	16.9%	(12.9%-22.0%)

Table 11. Current smoker among adults by county, sex, race, and community in 2012-2020 (age-adjusted)

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	15.0%	(13.8%-16.4%)	14.8%	(13.6%-16.1%)	13.4%	(12.3%-14.6%)	14.4%	(13.3%-15.7%)	12.2%	(11.1%-13.4%)
County										
Kauai County	18.8%	(13.2%-25.9%)	16.1%	(12.5%-20.6%)	15.7%	(12.0%-20.1%)	16.7%	(13.3%-20.8%)	12.2%	(9.1%-16.2%)
Honolulu County	14.5%	(12.9%-16.3%)	13.9%	(12.4%-15.6%)	12.1%	(10.7%-13.7%)	13.2%	(11.8%-14.8%)	11.7%	(10.3%-13.3%)
Maui County	14.6%	(11.8%-18.0%)	13.2%	(10.5%-16.3%)	15.9%	(13.2%-19.1%)	16.4%	(13.1%-20.4%)	12.4%	(10.2%-15.0%)
Hawaii County	17.1%	(14.3%-20.4%)	22.2%	(18.7%-26.2%)	17.2%	(14.0%-20.9%)	18.8%	(15.6%-22.7%)	15.0%	(12.5%-18.0%)
Sex										
Female	12.4%	(10.8%-14.2%)	13.0%	(11.3%-14.9%)	11.4%	(10.0%-13.0%)	12.4%	(10.7%-14.3%)	12.0%	(10.4%-13.8%)
Male	17.6%	(15.7%-19.7%)	16.8%	(15.0%-18.7%)	15.4%	(13.7%-17.3%)	16.5%	(14.8%-18.4%)	12.8%	(11.2%-14.5%)
Race										
Native Hawaiian	20.7%	(17.7%-24.2%)	26.0%	(23.0%-29.3%)	18.2%	(15.6%-21.1%)	22.6%	(19.4%-26.0%)	17.2%	(14.6%-20.1%)
Other Pacific Islander	19.4%	(12.2%-29.4%)	17.8%	(12.0%-25.7%)	16.5%	(11.3%-23.3%)	18.0%	(13.7%-23.3%)	20.9%	(14.6%-29.0%)
Black	13.7%	(7.8%-22.8%)	21.9%	(12.6%-35.3%)	**	(**_**)	13.8%	(8.8%-20.9%)	11.1%	(6.3%-18.9%)
Caucasian	14.0%	(11.8%-16.5%)	10.8%	(8.6%-13.4%)	13.6%	(11.2%-16.5%)	12.6%	(10.6%-14.8%)	12.2%	(10.0%-14.7%)
Chinese	6.2%	(3.7%-10.3%)	7.4%	(4.4%-12.2%)	8.2%	(4.9%-13.3%)	9.2%	(5.2%-15.8%)	6.6%	(3.8%-11.3%)
Filipino	13.6%	(10.4%-17.5%)	12.2%	(9.5%-15.5%)	10.8%	(8.5%-13.7%)	11.5%	(8.8%-14.8%)	11.0%	(8.3%-14.5%)
Japanese	14.4%	(11.2%-18.2%)	10.6%	(8.0%-14.0%)	9.2%	(6.8%-12.3%)	10.0%	(7.4%-13.3%)	8.5%	(5.9%-12.0%)
Native Alaskan/ American Indian	20.1%	(12.8%-30.1%)	24.2%	(16.8%-33.7%)	20.7%	(13.5%-30.4%)	21.4%	(14.2%-30.8%)	15.8%	(9.3%-25.7%)
Other	16.9%	(11.8%-23.4%)	16.1%	(11.2%-22.5%)	14.6%	(10.8%-19.6%)	9.1%	(5.0%-16.0%)	16.5%	(9.0%-28.1%)
Other Asian	13.0%	(8.0%-20.4%)	18.7%	(11.1%-29.8%)	14.6%	(9.1%-22.7%)	12.4%	(8.5%-17.7%)	14.3%	(9.4%-21.2%)
Community										
Kauai - Hanalei/ Kapaa	16.7%	(9.8%-27.1%)	11.4%	(7.4%-17.2%)	12.3%	(8.2%-18.0%)	14.3%	(9.5%-21.0%)	15.5%	(10.3%-22.6%)
Kauai - Lihue/ Waimea	21.3%	(14.5%-30.2%)	20.0%	(14.9%-26.3%)	18.8%	(13.5%-25.7%)	17.9%	(13.8%-23.0%)	9.8%	(6.7%-14.2%)
Honolulu - Aiea/ Pearl City	24.7%	(18.2%-32.6%)	14.8%	(10.3%-20.8%)	11.7%	(7.5%-17.8%)	15.2%	(10.6%-21.3%)	14.0%	(9.3%-20.4%)
Honolulu - Ala Moana	17.4%	(11.9%-24.7%)	15.7%	(9.7%-24.3%)	15.8%	(10.2%-23.6%)	12.1%	(7.4%-19.3%)	10.5%	(6.1%-17.6%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	9.4%	(5.7%-15.1%)	20.7%	(13.6%-30.3%)	5.2%	(2.9%-9.1%)	17.2%	(11.5%-24.9%)	8.8%	(5.5%-13.8%)
Honolulu - Kailua/ Waimanalo	12.2%	(8.2%-17.6%)	11.9%	(7.5%-18.4%)	**	(**_**)	11.7%	(7.0%-18.9%)	**	(**_**)
Honolulu - Kaimuki/ Palolo/ Waikiki	10.0%	(6.8%-14.5%)	7.9%	(5.0%-12.4%)	12.4%	(8.3%-18.3%)	10.5%	(6.6%-16.3%)	7.1%	(4.3%-11.4%)
Honolulu - Manoa/ Upper Makiki	14.9%	(10.3%-21.1%)	11.0%	(6.7%-17.6%)	12.6%	(8.7%-17.8%)	11.7%	(7.6%-17.5%)	8.5%	(5.2%-13.7%)
Honolulu - Mililani/ Wahiawa	17.9%	(12.8%-24.4%)	19.6%	(14.0%-26.9%)	9.3%	(6.0%-14.1%)	14.2%	(9.9%-19.9%)	14.3%	(9.7%-20.6%)
Honolulu - N.Shore/ Laie	16.0%	(9.9%-24.8%)	16.9%	(9.9%-27.4%)	**	(**_**)	12.1%	(6.9%-20.3%)	21.8%	(12.8%-34.6%)
Honolulu - Nanakuli/ Waianae	24.5%	(16.8%-34.2%)	19.8%	(14.3%-26.7%)	23.2%	(16.3%-31.9%)	24.8%	(17.9%-33.4%)	20.6%	(13.3%-30.4%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	18.4%	(13.1%-25.4%)	14.0%	(10.0%-19.2%)	15.3%	(11.0%-20.9%)	8.3%	(5.3%-12.9%)	17.2%	(12.2%-23.8%)
Honolulu - Salt Lake/ Foster Village	7.3%	(4.2%-12.4%)	**	(**_**)	14.9%	(9.2%-23.2%)	12.7%	(7.9%-19.9%)	**	(**_**)
Honolulu - Waialae/ Kahala/ Hawaii Kai	8.4%	(5.0%-13.9%)	8.1%	(4.5%-14.2%)	7.4%	(4.2%-12.6%)	**	(**_**)	**	(**_**)
Honolulu - Waipahu/ Kapolei/ Ewa	11.6%	(8.7%-15.2%)	12.0%	(8.9%-16.0%)	10.7%	(8.0%-14.1%)	13.3%	(10.2%-17.0%)	11.0%	(8.3%-14.4%)
Maui - Kahului	15.6%	(10.3%-22.9%)	11.9%	(7.5%-18.4%)	15.8%	(10.9%-22.4%)	14.2%	(9.7%-20.1%)	10.4%	(7.1%-15.0%)
Maui - Lahaina/ Wailuku	12.5%	(8.7%-17.7%)	13.7%	(9.9%-18.7%)	14.9%	(10.9%-20.0%)	16.7%	(11.9%-22.9%)	11.2%	(8.1%-15.2%)
Maui - Lanai	16.5%	(9.6%-26.8%)	34.1%	(22.0%-48.6%)	13.4%	(12.7%-14.1%)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	25.0%	(15.9%-37.1%)	31.5%	(19.3%-47.1%)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	16.1%	(11.1%-22.8%)	9.1%	(5.8%-13.8%)	16.0%	(11.5%-21.8%)	17.8%	(11.9%-25.7%)	16.8%	(12.0%-23.0%)
Hawaii - Hilo	17.9%	(12.9%-24.2%)	20.1%	(13.6%-28.7%)	19.6%	(14.0%-26.7%)	17.2%	(11.3%-25.2%)	16.1%	(11.3%-22.5%)
Hawaii - Kona	15.3%	(10.2%-22.2%)	22.5%	(16.0%-30.6%)	15.3%	(10.1%-22.6%)	17.0%	(12.2%-23.3%)	15.2%	(11.0%-20.6%)
Hawaii - N.Hawaii	14.6%	(9.9%-21.0%)	16.4%	(10.7%-24.4%)	10.3%	(6.5%-15.8%)	21.1%	(13.7%-31.0%)	**	(**_**)
Hawaii - Puna/ Kau	19.1%	(13.7%-25.9%)	25.2%	(19.2%-32.3%)	22.3%	(15.5%-31.1%)	19.6%	(15.0%-25.2%)	15.8%	(12.0%-20.5%)

Table 12. Prescription drug overuse by county, sex, race, and community in 2015-2018

	2015		2016		2017		2018	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	4.6%	(3.8%-5.5%)	3.5%	(2.9%-4.2%)	4.5%	(3.9%-5.3%)	5.6%	(4.0%-7.7%)
County								
Kauai County	5.6%	(3.6%-8.6%)	2.4%	(1.5%-4.0%)	5.4%	(3.7%-7.8%)	**	(**_**)
Honolulu County	3.9%	(3.0%-5.1%)	3.4%	(2.6%-4.3%)	3.8%	(3.1%-4.8%)	6.4%	(4.2%-9.5%)
Maui County	7.3%	(5.3%-10.1%)	3.5%	(2.4%-5.0%)	4.8%	(3.4%-6.6%)	**	(**_**)
Hawaii County	4.9%	(3.0%-8.0%)	4.5%	(3.3%-6.2%)	6.9%	(5.1%-9.2%)	4.5%	(2.5%-7.9%)
Sex								
Female	3.8%	(2.8%-5.1%)	3.1%	(2.4%-4.0%)	3.4%	(2.6%-4.4%)	4.6%	(2.6%-8.2%)
Male	5.4%	(4.3%-6.8%)	3.9%	(3.0%-5.0%)	5.5%	(4.5%-6.7%)	7.0%	(4.8%-9.9%)
Race								
Native Hawaiian	6.5%	(4.7%-9.0%)	4.4%	(3.1%-6.2%)	5.4%	(4.0%-7.2%)	5.8%	(3.3%-10.0%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	4.4%	(3.2%-5.9%)	3.4%	(2.5%-4.7%)	5.3%	(4.0%-7.1%)	**	(**_**)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)	4.7%	(3.1%-7.1%)	**	(**_**)
Japanese	**	(**_**)	1.9%	(1.1%-3.0%)	2.4%	(1.6%-3.8%)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Community								
Kauai - Hanalei/ Kapaa	6.9%	(3.9%-12.0%)	**	(**_**)	5.8%	(3.3%-10.2%)	**	(**_**)
Kauai - Lihue/ Waimea	**	(**_**)	**	(**_**)	5.0%	(3.0%-8.2%)	**	(**_**)
Honolulu - Aiea/ Pearl City	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Ala Moana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kailua/ Waimanalo	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaimuki/ Palolo/ Waikiki	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Manoa/ Upper Makiki	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Mililani/ Wahiawa	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - N.Shore/ Laie	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Nanakuli/ Waianae	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Nuuanu/ Kalihi/ Moanalua	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Waialae/ Kahala/ Hawaii Kai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Waipahu/ Kapolei/ Ewa	5.1%	(2.8%-9.0%)	**	(**_**)	5.3%	(3.3%-8.4%)	**	(**_**)
Maui - Kahului	**	(**_**)	**	(**_**)	5.3%	(3.0%-9.1%)	**	(**_**)
Maui - Lahaina/ Wailuku	9.2%	(5.3%-15.5%)	**	(**_**)	6.3%	(3.8%-10.4%)	**	(**_**)
Maui - Lanai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Hawaii - Hilo	**	(**_**)	**	(**_**)	4.7%	(2.7%-8.1%)	**	(**_**)
Hawaii - Kona	**	(**_**)	**	(**_**)	10.2%	(5.6%-17.8%)	**	(**_**)
Hawaii - N.Hawaii	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Hawaii - Puna/ Kau	**	(**_**)	5.3%	(3.2%-8.8%)	7.6%	(4.5%-12.5%)	**	(**_**)

Table 13. Prescription drug overuse by county, sex, race, and community in 2015-2018 (age-adjusted)

	2015		2016		2017		2018	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	4.7%	(3.9%-5.7%)	3.6%	(3.0%-4.4%)	4.7%	(4.0%-5.5%)	5.6%	(4.0%-7.8%)
County								
Kauai County	5.5%	(3.5%-8.6%)	2.6%	(1.5%-4.4%)	5.7%	(3.8%-8.6%)	**	(**_**)
Honolulu County	4.0%	(3.0%-5.2%)	3.5%	(2.7%-4.5%)	3.9%	(3.1%-5.0%)	6.1%	(4.0%-9.1%)
Maui County	7.8%	(5.5%-11.1%)	3.7%	(2.5%-5.4%)	5.2%	(3.6%-7.4%)	**	(**_**)
Hawaii County	5.6%	(3.2%-9.7%)	4.3%	(2.9%-6.2%)	7.6%	(5.5%-10.5%)	**	(**_**)
Sex								
Female	4.1%	(2.9%-5.8%)	3.3%	(2.5%-4.3%)	3.5%	(2.7%-4.5%)	4.7%	(2.6%-8.4%)
Male	5.4%	(4.2%-6.8%)	3.9%	(3.0%-5.1%)	5.7%	(4.6%-7.0%)	6.7%	(4.6%-9.7%)
Race								
Native Hawaiian	6.2%	(4.6%-8.4%)	4.2%	(3.0%-5.9%)	5.3%	(4.0%-7.0%)	5.3%	(3.1%-8.9%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	4.4%	(3.1%-6.2%)	3.6%	(2.3%-5.6%)	6.2%	(4.5%-8.5%)	**	(**_**)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)	5.0%	(3.2%-7.7%)	**	(**_**)
Japanese	**	(**_**)	**	(**_**)	1.8%	(1.1%-2.9%)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	5.4%	(3.2%-9.0%)	**	(**_**)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Community								
Kauai - Hanalei/ Kapaa	6.8%	(3.8%-11.7%)	**	(**_**)	**	(**_**)	**	(**_**)
Kauai - Lihue/ Waimea	**	(**_**)	**	(**_**)	5.7%	(3.2%-10.2%)	**	(**_**)
Honolulu - Aiea/ Pearl City	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Ala Moana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kailua/ Waimanalo	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaimuki/ Palolo/ Waikiki	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Manoa/ Upper Makiki	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Mililani/ Wahiawa	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - N.Shore/ Laie	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Nanakuli/ Waianae	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Nuuanu/ Kalihi/ Moanalua	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Waialae/ Kahala/ Hawaii Kai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Waipahu/ Kapolei/ Ewa	**	(**_**)	**	(**_**)	4.7%	(3.0%-7.4%)	**	(**_**)
Maui - Kahului	**	(**_**)	**	(**_**)	5.5%	(3.1%-9.6%)	**	(**_**)
Maui - Lahaina/ Wailuku	12.7%	(7.1%-21.8%)	**	(**_**)	6.9%	(4.0%-11.5%)	**	(**_**)
Maui - Lanai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Hawaii - Hilo	**	(**_**)	**	(**_**)	4.8%	(2.8%-8.4%)	**	(**_**)
Hawaii - Kona	**	(**_**)	**	(**_**)	10.2%	(5.6%-17.9%)	**	(**_**)
Hawaii - N.Hawaii	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Hawaii - Puna/ Kau	**	(**_**)	**	(**_**)	9.1%	(5.1%-15.6%)	**	(**_**)

Table 14. Current number of prescription drugs used among adults in 2015-2017

	2015		2016		2017	
	%	95% CI	%	95% CI	%	95% CI
0 meds	48.8%	(47.0%-50.6%)	47.6%	(45.9%-49.3%)	45.4%	(43.7%-47.1%)
1-2 meds	27.4%	(25.9%-29.0%)	26.9%	(25.5%-28.5%)	28.0%	(26.5%-29.5%)
3-4 meds	13.3%	(12.3%-14.4%)	13.8%	(12.8%-14.9%)	14.9%	(13.8%-16.1%)
5-7 meds	7.4%	(6.6%-8.2%)	8.0%	(7.2%-8.8%)	8.3%	(7.5%-9.3%)
8+ meds	3.1%	(2.6%-3.7%)	3.7%	(3.2%-4.3%)	3.4%	(2.8%-4.0%)

Table 15. Ever used e-cigarettes among adults by county, sex, race, and community in 2014-2020

	2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	19.8%	(18.3%-21.3%)	22.2%	(20.8%-23.6%)	27.5%	(26.0%-29.0%)	25.2%	(23.8%-26.6%)
County								
Kauai County	17.3%	(13.8%-21.5%)	22.9%	(19.0%-27.4%)	28.9%	(25.0%-33.1%)	25.2%	(21.2%-29.6%)
Honolulu County	19.7%	(17.8%-21.7%)	21.8%	(20.0%-23.8%)	26.5%	(24.6%-28.5%)	24.6%	(22.8%-26.6%)
Maui County	18.1%	(15.1%-21.5%)	25.9%	(22.5%-29.6%)	28.5%	(24.8%-32.5%)	25.4%	(22.4%-28.5%)
Hawaii County	22.5%	(19.2%-26.3%)	20.8%	(17.9%-24.0%)	32.0%	(28.5%-35.8%)	27.1%	(24.0%-30.5%)
Sex								
Female	15.3%	(13.6%-17.2%)	18.4%	(16.7%-20.3%)	21.1%	(19.2%-23.2%)	20.8%	(19.0%-22.7%)
Male	24.2%	(21.9%-26.6%)	26.0%	(23.9%-28.3%)	34.4%	(32.1%-36.7%)	29.6%	(27.4%-31.9%)
Race								
Native Hawaiian	32.8%	(29.1%-36.6%)	31.0%	(27.6%-34.6%)	41.0%	(37.2%-45.0%)	38.0%	(34.5%-41.7%)
Other Pacific Islander	19.8%	(12.1%-30.5%)	30.8%	(21.6%-41.8%)	47.5%	(40.4%-54.8%)	33.1%	(25.9%-41.3%)
Black	26.5%	(14.6%-43.4%)	23.2%	(13.8%-36.2%)	31.9%	(22.2%-43.5%)	35.1%	(23.0%-49.5%)
Caucasian	16.6%	(13.8%-19.8%)	21.3%	(18.6%-24.3%)	24.9%	(22.3%-27.6%)	23.8%	(21.3%-26.5%)
Chinese	12.3%	(7.9%-18.7%)	15.3%	(10.6%-21.6%)	13.5%	(9.2%-19.4%)	13.1%	(8.9%-18.7%)
Filipino	18.9%	(15.4%-22.9%)	20.7%	(17.4%-24.4%)	22.3%	(18.8%-26.3%)	21.2%	(18.0%-24.8%)
Japanese	12.1%	(9.7%-15.0%)	13.8%	(11.4%-16.7%)	18.9%	(15.7%-22.6%)	17.4%	(14.5%-20.8%)
Native Alaskan/ American Indian	28.7%	(19.2%-40.5%)	34.2%	(23.7%-46.6%)	38.4%	(28.5%-49.3%)	34.4%	(24.2%-46.3%)
Other	22.9%	(16.6%-30.7%)	30.5%	(24.0%-37.8%)	30.2%	(21.2%-41.0%)	33.4%	(22.5%-46.6%)
Other Asian	22.2%	(14.2%-32.9%)	21.5%	(14.4%-30.8%)	27.3%	(21.3%-34.3%)	21.8%	(15.7%-29.4%)
Community								
Kauai - Hanalei/ Kapaa	21.0%	(14.9%-28.7%)	20.0%	(15.1%-26.0%)	30.7%	(24.8%-37.4%)	29.9%	(23.5%-37.3%)
Kauai - Lihue/ Waimea	15.0%	(11.0%-20.0%)	25.1%	(19.5%-31.6%)	27.5%	(22.6%-33.0%)	21.4%	(16.9%-26.8%)
Honolulu - Aiea/ Pearl City	20.7%	(14.5%-28.6%)	22.9%	(17.1%-30.0%)	25.1%	(19.0%-32.5%)	19.2%	(14.4%-25.0%)
Honolulu - Ala Moana	21.4%	(13.9%-31.5%)	31.6%	(23.1%-41.6%)	23.2%	(16.4%-31.7%)	30.6%	(22.7%-39.8%)
Honolulu - Kaaawa/ Kahaaluu/ Kaneohe	20.5%	(13.1%-30.7%)	14.8%	(10.2%-20.9%)	28.9%	(21.9%-37.1%)	20.0%	(14.1%-27.6%)
Honolulu - Kailua/ Waimanalo	14.8%	(9.8%-21.6%)	19.0%	(13.2%-26.6%)	23.9%	(17.6%-31.6%)	20.4%	(14.3%-28.3%)
Honolulu - Kaimuki/ Palolo/ Waikiki	12.4%	(8.2%-18.3%)	19.3%	(14.2%-25.7%)	22.6%	(16.5%-30.2%)	27.5%	(21.2%-34.9%)
Honolulu - Manoa/ Upper Makiki	14.6%	(9.9%-21.0%)	19.3%	(13.8%-26.2%)	28.4%	(22.2%-35.6%)	20.7%	(15.8%-26.6%)
Honolulu - Mililani/ Wahiawa	19.8%	(14.5%-26.5%)	24.9%	(18.8%-32.2%)	29.5%	(23.4%-36.6%)	32.3%	(25.8%-39.6%)
Honolulu - N.Shore/ Laie	**	(**_**)	25.6%	(16.9%-36.9%)	25.9%	(16.3%-38.6%)	28.8%	(17.6%-43.3%)
Honolulu - Nanakuli/ Waianae	31.3%	(23.1%-41.0%)	34.6%	(26.0%-44.4%)	34.0%	(26.3%-42.7%)	32.1%	(24.0%-41.5%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	18.4%	(13.6%-24.6%)	20.0%	(14.9%-26.3%)	25.0%	(19.9%-31.0%)	23.4%	(17.8%-30.1%)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	18.1%	(11.0%-28.4%)	26.3%	(18.6%-35.8%)	26.1%	(17.4%-37.3%)
Honolulu - Waialae/ Kahala/ Hawaii Kai	18.5%	(12.1%-27.2%)	14.5%	(9.3%-21.8%)	19.1%	(12.8%-27.5%)	13.5%	(8.8%-20.1%)
Honolulu - Waipahu/ Kapolei/ Ewa	23.8%	(19.1%-29.1%)	22.2%	(18.0%-27.0%)	28.3%	(23.8%-33.2%)	26.1%	(21.7%-31.1%)
Maui - Kahului	20.0%	(14.5%-26.9%)	30.5%	(24.0%-37.8%)	27.5%	(21.6%-34.3%)	25.2%	(20.1%-31.2%)
Maui - Lahaina/ Wailuku	19.0%	(14.3%-24.9%)	22.5%	(16.8%-29.4%)	30.8%	(24.6%-37.8%)	25.3%	(20.7%-30.5%)
Maui - Lanai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	28.2%	(17.3%-42.4%)	21.1%	(11.5%-35.6%)	**	(**_**)
Maui - Upcountry/ Hana	13.9%	(9.2%-20.4%)	25.2%	(19.7%-31.7%)	28.3%	(21.2%-36.7%)	25.8%	(20.4%-32.1%)
Hawaii - Hilo	14.6%	(10.2%-20.5%)	21.0%	(15.6%-27.6%)	32.1%	(25.8%-39.2%)	25.3%	(19.7%-31.8%)
Hawaii - Kona	28.8%	(21.0%-38.2%)	23.1%	(16.9%-30.6%)	27.1%	(21.3%-33.6%)	33.9%	(27.4%-41.2%)
Hawaii - N.Hawaii	20.3%	(14.3%-27.9%)	16.4%	(11.5%-22.9%)	33.6%	(24.5%-44.2%)	24.4%	(17.5%-32.9%)
Hawaii - Puna/ Kau	26.0%	(19.7%-33.5%)	21.9%	(16.7%-28.1%)	34.7%	(28.1%-41.8%)	24.3%	(19.4%-30.0%)

Table 16. Ever used e-cigarettes among adults by county, sex, race, and community in 2014-2020 (age-adjusted)

	2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	21.4%	(19.9%-22.9%)	23.7%	(22.3%-25.3%)	30.8%	(29.2%-32.3%)	28.0%	(26.5%-29.5%)
County								
Kauai County	21.4%	(17.3%-26.1%)	26.3%	(21.9%-31.3%)	35.3%	(30.7%-40.1%)	29.6%	(25.2%-34.3%)
Honolulu County	20.9%	(19.0%-22.9%)	23.0%	(21.2%-25.0%)	29.1%	(27.2%-31.2%)	27.0%	(25.1%-29.0%)
Maui County	20.3%	(17.2%-23.9%)	28.7%	(25.3%-32.3%)	32.7%	(29.0%-36.6%)	29.0%	(25.9%-32.4%)
Hawaii County	25.8%	(22.1%-29.8%)	23.2%	(19.8%-26.9%)	36.9%	(33.1%-40.8%)	31.0%	(27.5%-34.7%)
Sex								
Female	17.2%	(15.3%-19.3%)	20.6%	(18.7%-22.6%)	24.5%	(22.4%-26.8%)	24.1%	(22.1%-26.2%)
Male	25.0%	(22.9%-27.2%)	26.8%	(24.7%-29.1%)	36.9%	(34.7%-39.2%)	31.7%	(29.5%-34.0%)
Race								
Native Hawaiian	29.3%	(26.2%-32.7%)	29.0%	(26.0%-32.2%)	39.4%	(36.0%-43.0%)	36.0%	(32.8%-39.3%)
Other Pacific Islander	14.7%	(9.1%-22.7%)	19.4%	(14.1%-26.1%)	35.8%	(30.6%-41.4%)	27.4%	(21.5%-34.3%)
Black	27.0%	(17.6%-39.1%)	21.6%	(13.6%-32.4%)	29.6%	(20.9%-40.0%)	29.7%	(20.8%-40.5%)
Caucasian	19.8%	(16.7%-23.2%)	24.7%	(21.5%-28.3%)	29.5%	(26.5%-32.7%)	29.1%	(26.2%-32.3%)
Chinese	12.8%	(8.6%-18.8%)	16.2%	(11.3%-22.6%)	16.7%	(11.6%-23.6%)	14.3%	(9.8%-20.3%)
Filipino	19.5%	(16.1%-23.4%)	20.9%	(17.7%-24.6%)	26.0%	(22.3%-30.2%)	23.0%	(19.7%-26.6%)
Japanese	17.8%	(14.2%-22.2%)	20.3%	(16.6%-24.5%)	30.3%	(25.5%-35.6%)	25.3%	(21.1%-30.0%)
Native Alaskan/ American Indian	24.6%	(16.9%-34.4%)	34.1%	(24.9%-44.7%)	39.8%	(29.9%-50.7%)	38.8%	(28.3%-50.4%)
Other	21.4%	(16.0%-27.9%)	28.5%	(22.7%-35.1%)	26.9%	(19.9%-35.4%)	31.6%	(23.6%-40.9%)
Other Asian	18.7%	(11.8%-28.3%)	21.8%	(15.3%-30.0%)	27.4%	(21.8%-33.9%)	22.7%	(17.0%-29.7%)
Community								
Kauai - Hanalei/ Kapaa	25.2%	(19.1%-32.5%)	22.3%	(16.8%-29.0%)	38.7%	(32.5%-45.3%)	34.3%	(28.0%-41.3%)
Kauai - Lihue/ Waimea	18.4%	(13.6%-24.3%)	30.2%	(23.8%-37.4%)	32.7%	(26.8%-39.1%)	25.0%	(19.7%-31.3%)
Honolulu - Aiea/ Pearl City	26.2%	(19.8%-33.8%)	27.2%	(20.9%-34.7%)	30.2%	(23.8%-37.5%)	22.4%	(16.8%-29.1%)
Honolulu - Ala Moana	21.9%	(14.4%-31.9%)	28.8%	(22.5%-36.0%)	26.4%	(18.6%-35.9%)	31.7%	(24.5%-39.8%)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	24.3%	(16.7%-34.0%)	15.9%	(10.9%-22.6%)	32.5%	(24.8%-41.3%)	24.4%	(18.0%-32.1%)
Honolulu - Kailua/ Waimanalo	18.3%	(12.1%-26.6%)	21.6%	(14.8%-30.4%)	30.0%	(22.3%-39.0%)	24.7%	(18.1%-32.8%)
Honolulu - Kaimuki/ Palolo/ Waikiki	14.8%	(10.2%-21.0%)	23.5%	(18.1%-30.0%)	28.2%	(22.3%-35.0%)	30.3%	(24.6%-36.7%)
Honolulu - Manoa/ Upper Makiki	18.3%	(12.1%-26.6%)	22.8%	(17.1%-29.7%)	30.3%	(24.1%-37.3%)	21.2%	(16.2%-27.1%)
Honolulu - Mililani/ Wahiawa	22.8%	(16.8%-30.2%)	26.4%	(20.3%-33.6%)	31.4%	(25.5%-38.1%)	36.2%	(29.8%-43.2%)
Honolulu - N.Shore/ Laie	16.3%	(9.7%-26.1%)	22.6%	(14.9%-32.7%)	23.2%	(15.6%-33.0%)	28.8%	(19.0%-40.9%)
Honolulu - Nanakuli/ Waianae	26.7%	(20.6%-33.9%)	34.9%	(27.3%-43.4%)	33.2%	(26.2%-40.9%)	34.3%	(26.2%-43.5%)
Honolulu - Nuuanu/ Kalihi/ Moanalua	17.9%	(13.5%-23.4%)	21.8%	(16.5%-28.3%)	28.0%	(22.5%-34.2%)	26.1%	(20.4%-32.8%)
Honolulu - Salt Lake/ Foster Village	14.2%	(9.0%-21.8%)	15.9%	(9.9%-24.3%)	23.0%	(16.5%-31.2%)	24.6%	(17.3%-33.7%)
Honolulu - Waialae/ Kahala/ Hawaii Kai	20.4%	(13.3%-30.1%)	18.2%	(11.5%-27.5%)	26.5%	(19.8%-34.5%)	22.0%	(14.5%-32.0%)
Honolulu - Waipahu/ Kapolei/ Ewa	22.2%	(18.0%-27.0%)	19.9%	(16.2%-24.1%)	28.5%	(24.1%-33.3%)	25.7%	(21.8%-30.0%)
Maui - Kahului	23.2%	(17.5%-30.2%)	34.1%	(28.0%-40.8%)	31.4%	(25.4%-38.2%)	26.9%	(21.8%-32.7%)
Maui - Lahaina/ Wailuku	21.3%	(16.4%-27.2%)	23.6%	(18.2%-30.0%)	35.6%	(29.7%-42.0%)	27.6%	(22.7%-33.1%)
Maui - Lanai	**	(**_**)	17.2%	(12.5%-23.2%)	35.1%	(18.3%-56.7%)	**	(**_**)
Maui - Molokai	18.2%	(10.3%-30.1%)	38.9%	(25.9%-53.7%)	22.8%	(12.9%-36.9%)	37.7%	(26.0%-50.9%)
Maui - Upcountry/ Hana	14.1%	(9.7%-20.1%)	29.5%	(23.8%-35.9%)	32.4%	(25.7%-40.0%)	33.0%	(27.2%-39.3%)
Hawaii - Hilo	17.9%	(13.4%-23.6%)	23.8%	(17.4%-31.6%)	39.2%	(32.2%-46.6%)	29.0%	(22.8%-36.2%)
Hawaii - Kona	30.2%	(23.0%-38.6%)	26.9%	(20.1%-35.0%)	30.9%	(25.0%-37.5%)	36.8%	(30.3%-43.8%)
Hawaii - N.Hawaii	26.4%	(18.6%-36.0%)	17.7%	(11.9%-25.5%)	40.5%	(32.4%-49.3%)	27.2%	(20.1%-35.6%)
Hawaii - Puna/ Kau	28.1%	(21.6%-35.7%)	23.4%	(17.7%-30.4%)	37.1%	(30.9%-43.9%)	28.6%	(22.7%-35.3%)

Table 17. Current use of e-cigarettes among adults by county, sex, race, and community in 2014-2020

	2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	5.8%	(4.9%-6.8%)	4.3%	(3.7%-5.0%)	7.1%	(6.3%-8.1%)	5.9%	(5.1%-6.8%)
County								
Kauai County	3.3%	(1.9%-5.7%)	**	(**_**)	7.6%	(5.2%-10.9%)	6.8%	(4.6%-10.0%)
Honolulu County	6.2%	(5.1%-7.5%)	4.0%	(3.3%-5.0%)	7.6%	(6.5%-8.9%)	5.7%	(4.7%-7.0%)
Maui County	4.4%	(2.9%-6.8%)	6.9%	(5.0%-9.5%)	6.6%	(4.9%-8.9%)	5.0%	(3.8%-6.7%)
Hawaii County	6.1%	(4.0%-9.3%)	3.3%	(2.2%-5.0%)	6.3%	(4.9%-8.1%)	6.2%	(4.6%-8.4%)
Sex								
Female	3.5%	(2.7%-4.5%)	2.6%	(2.0%-3.3%)	4.7%	(3.8%-5.8%)	4.1%	(3.3%-5.2%)
Male	8.1%	(6.6%-9.9%)	5.9%	(4.8%-7.1%)	10.0%	(8.5%-11.6%)	7.5%	(6.2%-9.0%)
Race								
Native Hawaiian	8.4%	(6.5%-10.9%)	5.9%	(4.3%-7.9%)	12.3%	(9.9%-15.2%)	9.3%	(7.2%-12.0%)
Other Pacific Islander	**	(**_**)	**	(**_**)	12.0%	(7.7%-18.2%)	4.5%	(2.6%-7.7%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	4.8%	(3.1%-7.2%)	2.9%	(2.0%-4.1%)	5.7%	(4.4%-7.5%)	6.0%	(4.5%-8.0%)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Filipino	8.0%	(5.7%-11.1%)	5.7%	(3.9%-8.3%)	6.8%	(4.9%-9.4%)	5.3%	(3.7%-7.6%)
Japanese	3.3%	(2.1%-5.0%)	3.2%	(2.1%-4.9%)	3.9%	(2.5%-6.0%)	4.7%	(3.1%-7.1%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	**	(**_**)	**	(**_**)	7.2%	(4.4%-11.4%)	**	(**_**)
Community								
Kauai - Hanalei/ Kapaa	**	(**_**)	**	(**_**)	**	(**_**)	8.3%	(4.6%-14.3%)
Kauai - Lihue/ Waimea	**	(**_**)	**	(**_**)	7.8%	(5.0%-11.8%)	5.7%	(3.4%-9.3%)
Honolulu - Aiea/ Pearl City	**	(**_**)	**	(**_**)	8.6%	(4.9%-14.7%)	**	(**_**)
Honolulu - Ala Moana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kailua/ Waimanalo	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaimuki/ Palolo/ Waikiki	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Manoa/ Upper Makiki	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Mililani/ Wahiawa	8.7%	(5.1%-14.3%)	**	(**_**)	11.2%	(7.1%-17.1%)	10.4%	(6.3%-16.8%)
Honolulu - N.Shore/ Laie	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Nanakuli/ Waianae	8.8%	(4.9%-15.3%)	**	(**_**)	13.0%	(7.8%-21.0%)	**	(**_**)
Honolulu - Nuuanu/ Kalihi/ Moanalua	7.0%	(4.2%-11.5%)	**	(**_**)	**	(**_**)	5.6%	(3.2%-9.7%)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Waialae/ Kahala/ Hawaii Kai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Waipahu/ Kapolei/ Ewa	5.9%	(3.8%-9.2%)	5.2%	(3.4%-8.1%)	10.3%	(7.6%-13.9%)	8.0%	(5.5%-11.5%)
Maui - Kahului	**	(**_**)	11.6%	(7.1%-18.3%)	8.7%	(5.6%-13.3%)	5.1%	(3.2%-8.1%)
Maui - Lahaina/ Wailuku	**	(**_**)	**	(**_**)	7.7%	(4.6%-12.7%)	6.1%	(3.9%-9.5%)
Maui - Lanai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Hawaii - Hilo	**	(**_**)	**	(**_**)	6.5%	(3.9%-10.6%)	7.2%	(4.5%-11.3%)
Hawaii - Kona	**	(**_**)	**	(**_**)	7.7%	(4.8%-12.2%)	**	(**_**)
Hawaii - N.Hawaii	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Hawaii - Puna/ Kau	**	(**_**)	**	(**_**)	5.3%	(3.4%-8.2%)	2.7%	(1.5%-4.8%)

Table 18. Current use of e-cigarettes among adults by county, sex, race, and community in 2014-2020 (age-adjusted)

	2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	6.2%	(5.3%-7.3%)	4.7%	(4.0%-5.5%)	8.1%	(7.2%-9.2%)	6.7%	(5.9%-7.7%)
County								
Kauai County	3.9%	(2.2%-6.8%)	**	(**_**)	9.6%	(6.6%-13.7%)	8.4%	(5.7%-12.1%)
Honolulu County	6.5%	(5.3%-7.9%)	4.3%	(3.5%-5.3%)	8.5%	(7.3%-9.9%)	6.4%	(5.3%-7.7%)
Maui County	5.2%	(3.3%-7.9%)	8.0%	(5.8%-10.9%)	7.8%	(5.7%-10.6%)	6.1%	(4.6%-8.0%)
Hawaii County	6.9%	(4.4%-10.6%)	4.1%	(2.6%-6.3%)	7.3%	(5.6%-9.6%)	7.3%	(5.4%-9.7%)
Sex								
Female	3.8%	(3.0%-4.9%)	2.8%	(2.2%-3.7%)	5.5%	(4.5%-6.8%)	5.0%	(4.0%-6.3%)
Male	8.3%	(6.9%-10.1%)	6.3%	(5.1%-7.7%)	10.9%	(9.4%-12.6%)	8.0%	(6.7%-9.6%)
Race								
Native Hawaiian	7.4%	(5.7%-9.6%)	5.4%	(4.0%-7.3%)	11.3%	(9.1%-13.9%)	8.4%	(6.5%-10.7%)
Other Pacific Islander	**	(**_**)	**	(**_**)	8.8%	(5.8%-13.0%)	3.6%	(2.0%-6.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	6.0%	(3.9%-9.1%)	3.4%	(2.3%-5.0%)	7.2%	(5.5%-9.5%)	7.9%	(5.9%-10.5%)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Filipino	8.2%	(5.9%-11.2%)	6.0%	(4.1%-8.7%)	7.9%	(5.7%-10.8%)	5.9%	(4.2%-8.4%)
Japanese	5.0%	(3.0%-8.0%)	5.4%	(3.4%-8.4%)	7.1%	(4.5%-11.1%)	7.2%	(4.6%-11.1%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	**	(**_**)	**	(**_**)	7.0%	(4.3%-11.2%)	**	(**_**)
Community								
Kauai - Hanalei/ Kapaa	**	(**_**)	**	(**_**)	8.9%	(4.9%-15.7%)	9.8%	(5.6%-16.6%)
Kauai - Lihue/ Waimea	**	(**_**)	**	(**_**)	9.6%	(6.2%-14.6%)	7.1%	(4.2%-11.8%)
Honolulu - Aiea/ Pearl City	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Ala Moana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaaawa/ Kahaluu/ Kaneohe	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kailua/ Waimanalo	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Kaimuki/ Palolo/ Waikiki	**	(**_**)	6.9%	(3.8%-12.2%)	**	(**_**)	**	(**_**)
Honolulu - Manoa/ Upper Makiki	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Mililani/ Wahiawa	9.9%	(5.9%-16.3%)	**	(**_**)	12.2%	(8.0%-18.2%)	11.8%	(7.4%-18.2%)
Honolulu - N.Shore/ Laie	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Nanakuli/ Waianae	7.1%	(4.0%-12.3%)	**	(**_**)	12.7%	(8.2%-19.0%)	**	(**_**)
Honolulu - Nuuanu/ Kalihi/ Moanalua	6.6%	(4.0%-10.6%)	**	(**_**)	**	(**_**)	6.4%	(3.6%-11.1%)
Honolulu - Salt Lake/ Foster Village	**	(**_**)	**	(**_**)	6.9%	(3.8%-12.0%)	**	(**_**)
Honolulu - Waiialae/ Kahala/ Hawaii Kai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Honolulu - Waipahu/ Kapolei/ Ewa	5.2%	(3.4%-8.0%)	4.8%	(3.1%-7.3%)	10.4%	(7.7%-14.0%)	8.0%	(5.7%-11.3%)
Maui - Kahului	**	(**_**)	13.6%	(8.6%-20.8%)	11.0%	(7.2%-16.6%)	5.5%	(3.4%-8.6%)
Maui - Lahaina/ Wailuku	**	(**_**)	**	(**_**)	9.7%	(6.1%-14.9%)	7.5%	(4.9%-11.3%)
Maui - Lanai	**	(**_**)	12.9%	(12.9%-12.9%)	**	(**_**)	**	(**_**)
Maui - Molokai	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Maui - Upcountry/ Hana	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Hawaii - Hilo	**	(**_**)	**	(**_**)	7.9%	(4.8%-12.7%)	8.6%	(5.3%-13.8%)
Hawaii - Kona	**	(**_**)	**	(**_**)	8.2%	(5.0%-13.2%)	**	(**_**)
Hawaii - N.Hawaii	**	(**_**)	**	(**_**)	**	(**_**)	12.1%	(7.4%-19.3%)
Hawaii - Puna/ Kau	**	(**_**)	**	(**_**)	6.3%	(4.0%-9.8%)	**	(**_**)

Table 19. Mental health not good in past 30 days among adults in 2012-2020

	2012		2014		2016		2018		2020	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Zero days	70.2%	(68.6%-71.8%)	70.6%	(69.1%-72.2%)	67.9%	(66.3%-69.4%)	68.3%	(66.8%-69.7%)	67.9%	(66.4%-69.3%)
1 to 6 days	16.6%	(15.3%-17.9%)	16.7%	(15.4%-18.0%)	17.2%	(16.0%-18.5%)	16.4%	(15.3%-17.5%)	16.5%	(15.4%-17.6%)
7 to 13 days	4.7%	(4.0%-5.6%)	4.3%	(3.6%-5.0%)	5.7%	(5.0%-6.5%)	5.4%	(4.7%-6.2%)	5.0%	(4.3%-5.7%)
14 or more days	8.5%	(7.6%-9.5%)	8.4%	(7.6%-9.4%)	9.2%	(8.3%-10.2%)	9.9%	(9.1%-10.9%)	10.7%	(9.8%-11.7%)

YRBS High School Analysis

Table 20. Ever drank alcohol among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	55.8%	(52.5%-59.1%)	52.5%	(49.3%-55.7%)	49.4%	(46.1%-52.7%)	49.0%	(46.0%-52.1%)	44.9%	(42.1%-47.8%)
County										
Kauai County			57.0%	(52.6%-61.2%)	48.3%	(44.1%-52.6%)	51.4%	(47.9%-54.8%)	50.1%	(46.6%-53.5%)
Honolulu County			49.3%	(44.9%-53.7%)	47.0%	(42.5%-51.6%)	45.9%	(41.9%-50.0%)	40.1%	(36.5%-43.9%)
Maui County			58.7%	(53.8%-63.4%)	53.2%	(48.3%-58.0%)	54.7%	(50.8%-58.5%)	54.3%	(50.2%-58.4%)
Hawaii County			60.5%	(55.9%-64.9%)	58.0%	(54.2%-61.8%)	58.7%	(54.7%-62.6%)	57.3%	(53.2%-61.3%)
Sex										
Female	58.7%	(54.8%-62.5%)	54.9%	(50.9%-58.8%)	51.3%	(47.4%-55.2%)	52.0%	(47.8%-56.1%)	49.9%	(45.8%-53.9%)
Male	53.0%	(48.6%-57.4%)	50.2%	(46.1%-54.3%)	47.2%	(43.7%-50.7%)	45.7%	(42.3%-49.0%)	39.7%	(35.8%-43.7%)
Sexual Orientation										
Bisexual	80.9%	(72.3%-87.2%)	76.2%	(68.7%-82.5%)	63.9%	(57.2%-70.1%)	70.1%	(63.0%-76.3%)	58.7%	(50.3%-66.5%)
Gay or lesbian	**	(**_**)	**	(**_**)	65.5%	(55.0%-74.6%)	72.8%	(64.1%-80.1%)	48.7%	(32.4%-65.4%)
Heterosexual	54.7%	(51.0%-58.2%)	51.6%	(48.4%-54.8%)	47.9%	(44.5%-51.4%)	46.2%	(42.8%-49.5%)	44.4%	(41.6%-47.2%)
Not sure	51.4%	(42.0%-60.8%)	38.9%	(28.0%-51.1%)	41.7%	(32.5%-51.5%)	45.7%	(37.2%-54.4%)	30.0%	(23.1%-38.0%)
Grade										
9th grade	46.4%	(41.7%-51.1%)	41.1%	(34.9%-47.5%)	32.1%	(27.6%-37.0%)	38.7%	(33.2%-44.4%)	32.7%	(28.9%-36.7%)
10th grade	54.3%	(50.4%-58.1%)	49.5%	(45.6%-53.4%)	50.8%	(46.0%-55.6%)	47.5%	(42.6%-52.4%)	44.1%	(38.3%-50.1%)
11th grade	57.8%	(49.9%-65.4%)	53.6%	(49.6%-57.6%)	56.6%	(51.1%-62.0%)	51.3%	(47.1%-55.6%)	49.9%	(46.3%-53.5%)
12th grade	67.0%	(62.9%-70.8%)	67.7%	(61.9%-73.0%)	61.0%	(55.9%-65.9%)	61.7%	(56.4%-66.7%)	55.3%	(50.7%-59.7%)
Race										
Native Hawaiian	66.0%	(62.1%-69.6%)	61.9%	(57.3%-66.3%)	59.4%	(55.7%-62.9%)	54.8%	(47.9%-61.5%)	56.2%	(53.0%-59.3%)
Other Pacific Islander	48.6%	(41.3%-55.9%)	57.9%	(46.7%-68.2%)	44.5%	(38.5%-50.6%)	41.9%	(34.9%-49.3%)	33.0%	(26.4%-40.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	63.2%	(58.0%-68.2%)	52.2%	(46.1%-58.2%)	53.3%	(46.3%-60.3%)	54.8%	(49.7%-59.9%)	44.7%	(39.5%-50.0%)
Filipino	52.7%	(47.4%-58.0%)	51.7%	(46.3%-57.0%)	45.3%	(39.2%-51.6%)	46.8%	(43.0%-50.8%)	43.5%	(38.9%-48.2%)
Japanese	41.6%	(33.7%-50.0%)	33.5%	(27.0%-40.7%)	35.8%	(30.5%-41.4%)	30.0%	(20.1%-42.2%)	21.0%	(13.5%-31.2%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	54.5%	(49.1%-59.8%)	54.0%	(48.4%-59.4%)	52.1%	(48.0%-56.2%)	50.2%	(45.8%-54.6%)	54.0%	(51.0%-57.0%)
Other Asian	29.0%	(25.0%-33.2%)	32.0%	(26.6%-38.0%)	28.1%	(22.6%-34.3%)	39.3%	(33.0%-45.9%)	27.9%	(22.0%-34.6%)

Table 21. Current alcohol use among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	29.1%	(25.9%-32.4%)	25.2%	(22.0%-28.6%)	25.1%	(22.9%-27.5%)	24.5%	(22.1%-27.1%)	20.4%	(18.1%-22.9%)
County										
Kauai County			26.4%	(22.4%-30.7%)	25.6%	(22.2%-29.2%)	30.1%	(26.4%-34.0%)	24.3%	(21.1%-27.7%)
Honolulu County			22.6%	(17.8%-28.3%)	23.5%	(20.7%-26.7%)	21.0%	(17.9%-24.6%)	17.3%	(14.3%-20.8%)
Maui County			30.9%	(26.7%-35.4%)	28.7%	(25.2%-32.4%)	32.8%	(29.3%-36.6%)	27.7%	(24.6%-30.9%)
Hawaii County			31.7%	(27.8%-35.8%)	29.9%	(26.7%-33.3%)	32.1%	(28.8%-35.5%)	27.9%	(24.8%-31.1%)
Sex										
Female	32.3%	(28.5%-36.3%)	26.0%	(22.4%-30.0%)	26.7%	(23.8%-29.9%)	26.4%	(22.8%-30.3%)	24.1%	(21.1%-27.4%)
Male	25.8%	(22.2%-29.7%)	24.1%	(20.7%-28.0%)	23.2%	(20.2%-26.6%)	22.1%	(19.5%-24.9%)	16.2%	(13.4%-19.5%)
Sexual Orientation										
Bisexual	53.8%	(43.5%-63.9%)	45.9%	(36.5%-55.6%)	39.3%	(31.8%-47.3%)	38.6%	(31.1%-46.6%)	31.1%	(24.4%-38.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	45.7%	(34.2%-57.7%)	31.3%	(23.0%-41.1%)	24.2%	(14.8%-37.1%)
Heterosexual	27.4%	(24.2%-30.8%)	24.1%	(20.9%-27.6%)	23.1%	(20.8%-25.5%)	22.6%	(20.3%-25.2%)	19.7%	(17.5%-22.1%)
Not sure	37.4%	(26.6%-49.8%)	20.6%	(11.9%-33.2%)	24.4%	(16.9%-33.8%)	24.1%	(17.2%-32.8%)	11.7%	(7.9%-17.2%)
Grade										
9th grade	21.5%	(18.5%-24.7%)	18.3%	(13.0%-25.1%)	16.7%	(13.6%-20.3%)	17.3%	(13.6%-21.7%)	14.6%	(12.2%-17.5%)
10th grade	28.2%	(24.2%-32.5%)	19.3%	(16.2%-22.9%)	24.5%	(21.2%-28.1%)	20.5%	(17.1%-24.3%)	19.4%	(15.9%-23.5%)
11th grade	30.2%	(23.3%-38.1%)	25.7%	(22.0%-29.8%)	25.9%	(22.5%-29.6%)	25.2%	(22.2%-28.4%)	21.2%	(18.9%-23.8%)
12th grade	38.4%	(33.3%-43.7%)	38.4%	(33.3%-43.8%)	35.0%	(30.8%-39.4%)	36.8%	(31.4%-42.6%)	26.8%	(21.8%-32.6%)
Race										
Native Hawaiian	35.1%	(30.7%-39.8%)	31.8%	(25.9%-38.3%)	30.1%	(26.6%-33.9%)	29.6%	(24.9%-34.8%)	29.9%	(27.0%-33.1%)
Other Pacific Islander	31.8%	(24.0%-40.7%)	28.7%	(19.9%-39.4%)	14.7%	(10.7%-19.8%)	21.4%	(16.4%-27.5%)	11.5%	(6.2%-20.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	39.6%	(34.6%-44.7%)	29.2%	(22.8%-36.6%)	30.4%	(24.7%-36.8%)	32.8%	(27.9%-38.1%)	19.4%	(15.5%-23.9%)
Filipino	24.2%	(19.2%-30.0%)	21.6%	(17.5%-26.4%)	20.6%	(16.8%-25.0%)	19.7%	(15.7%-24.5%)	17.1%	(14.1%-20.5%)
Japanese	20.2%	(15.1%-26.5%)	12.0%	(8.0%-17.6%)	20.1%	(13.6%-28.6%)	11.9%	(6.2%-21.7%)	6.1%	(2.1%-16.8%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	28.2%	(24.4%-32.4%)	26.3%	(23.5%-29.2%)	27.3%	(24.1%-30.8%)	23.4%	(20.2%-26.9%)	25.4%	(22.5%-28.4%)
Other Asian	10.6%	(4.8%-21.6%)	10.2%	(5.1%-19.3%)	10.1%	(7.0%-14.4%)	16.1%	(10.3%-24.2%)	11.4%	(7.9%-16.0%)

Table 22. Current binge drinking among public high school students by county, sex, sexual orientation, grade, and race for years 2013-2019

	2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	11.7%	(9.9%-13.9%)	10.0%	(8.8%-11.4%)	12.6%	(11.2%-14.0%)	10.9%	(9.3%-12.7%)
County								
Kauai County	13.4%	(10.2%-17.4%)	10.1%	(8.0%-12.7%)	18.0%	(14.3%-22.4%)	14.1%	(11.7%-16.8%)
Honolulu County	10.9%	(8.5%-14.1%)	9.3%	(7.7%-11.2%)	10.6%	(8.8%-12.6%)	8.9%	(6.7%-11.6%)
Maui County	14.0%	(10.9%-17.7%)	12.6%	(10.4%-15.2%)	16.7%	(13.9%-20.1%)	14.8%	(12.7%-17.2%)
Hawaii County	13.0%	(10.2%-16.3%)	11.3%	(9.3%-13.7%)	16.3%	(13.9%-19.2%)	16.1%	(13.8%-18.6%)
Sex								
Female	12.9%	(10.3%-16.0%)	11.2%	(9.6%-13.1%)	12.4%	(10.6%-14.4%)	13.2%	(10.7%-16.1%)
Male	10.6%	(8.8%-12.6%)	8.8%	(7.3%-10.6%)	12.3%	(10.4%-14.4%)	8.1%	(6.5%-10.2%)
Sexual Orientation								
Bisexual	21.8%	(12.1%-36.1%)	17.9%	(12.2%-25.5%)	16.3%	(12.4%-21.1%)	16.2%	(10.6%-23.9%)
Gay or lesbian	**	(**_**)	19.0%	(11.3%-30.1%)	16.9%	(9.7%-27.8%)	11.0%	(7.2%-16.4%)
Heterosexual	11.0%	(9.4%-12.9%)	8.9%	(7.8%-10.3%)	11.6%	(10.1%-13.2%)	10.3%	(8.9%-11.9%)
Not sure	13.3%	(6.3%-25.7%)	14.0%	(8.3%-22.4%)	13.8%	(8.9%-20.7%)	9.0%	(5.6%-14.0%)
Grade								
9th grade	6.6%	(4.8%-8.9%)	6.6%	(4.9%-8.9%)	8.3%	(6.3%-10.8%)	7.8%	(5.9%-10.1%)
10th grade	7.4%	(5.6%-9.6%)	10.8%	(8.8%-13.2%)	9.6%	(7.7%-12.0%)	11.1%	(8.5%-14.4%)
11th grade	12.9%	(10.8%-15.3%)	10.7%	(8.6%-13.2%)	12.9%	(10.8%-15.3%)	11.9%	(9.6%-14.8%)
12th grade	21.0%	(16.4%-26.4%)	12.9%	(10.5%-15.9%)	20.1%	(16.3%-24.5%)	12.1%	(9.1%-15.9%)
Race								
Native Hawaiian	17.3%	(12.4%-23.7%)	13.7%	(11.3%-16.5%)	16.9%	(14.0%-20.3%)	15.0%	(13.1%-17.0%)
Other Pacific Islander	14.2%	(9.6%-20.6%)	6.5%	(4.0%-10.3%)	12.6%	(8.3%-18.5%)	8.1%	(4.2%-15.0%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	13.8%	(11.1%-17.0%)	11.9%	(8.3%-16.9%)	16.3%	(13.0%-20.2%)	9.4%	(6.2%-14.0%)
Filipino	7.6%	(5.2%-11.0%)	6.6%	(4.2%-10.0%)	7.5%	(5.5%-10.2%)	10.9%	(8.3%-14.1%)
Japanese	6.8%	(4.1%-10.9%)	7.6%	(4.4%-12.8%)	6.8%	(3.5%-13.0%)	0.3%	(0.1%-1.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	11.5%	(9.4%-14.0%)	12.1%	(10.1%-14.4%)	12.2%	(10.4%-14.2%)	14.2%	(12.2%-16.4%)
Other Asian	5.2%	(2.1%-12.2%)	4.3%	(1.9%-9.5%)	6.9%	(3.1%-14.8%)	2.7%	(0.6%-10.7%)

Table 23. Consumed alcohol before age 13 among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	19.2%	(17.6%-21.0%)	17.5%	(15.9%-19.3%)	16.9%	(14.8%-19.2%)	16.8%	(14.8%-18.9%)	15.2%	(13.2%-17.4%)
County										
Kauai County			18.1%	(15.0%-21.7%)	19.2%	(16.8%-21.8%)	17.8%	(15.1%-20.7%)	17.4%	(15.0%-20.1%)
Honolulu County			16.3%	(14.1%-18.8%)	15.0%	(12.0%-18.6%)	15.4%	(13.2%-18.0%)	13.1%	(10.2%-16.8%)
Maui County			17.7%	(15.1%-20.7%)	19.9%	(17.5%-22.5%)	19.6%	(16.6%-23.1%)	17.4%	(15.2%-19.8%)
Hawaii County			22.9%	(19.7%-26.5%)	22.4%	(19.1%-26.1%)	20.5%	(18.2%-23.1%)	22.0%	(19.3%-25.0%)
Sex										
Female	18.2%	(15.9%-20.6%)	16.5%	(14.3%-18.9%)	15.0%	(13.0%-17.2%)	14.5%	(12.1%-17.2%)	13.3%	(11.2%-15.8%)
Male	20.3%	(18.1%-22.7%)	18.6%	(16.5%-21.0%)	18.6%	(16.1%-21.4%)	18.9%	(16.2%-21.8%)	16.1%	(13.8%-18.8%)
Sexual Orientation										
Bisexual	31.4%	(23.8%-40.2%)	29.2%	(22.8%-36.7%)	29.5%	(22.8%-37.2%)	26.2%	(19.9%-33.6%)	19.3%	(14.9%-24.7%)
Gay or lesbian	**	(**_**)	**	(**_**)	35.5%	(26.2%-46.0%)	33.8%	(22.7%-47.0%)	19.1%	(13.0%-27.2%)
Heterosexual	18.1%	(16.5%-19.9%)	16.3%	(14.5%-18.2%)	14.7%	(12.9%-16.7%)	14.6%	(12.8%-16.6%)	14.2%	(12.1%-16.6%)
Not sure	26.0%	(17.2%-37.3%)	24.3%	(16.2%-34.8%)	17.3%	(11.7%-24.9%)	22.1%	(14.8%-31.7%)	17.1%	(11.7%-24.3%)
Grade										
9th grade	23.6%	(20.5%-27.0%)	21.5%	(18.0%-25.4%)	15.6%	(12.4%-19.5%)	19.5%	(16.0%-23.5%)	17.2%	(14.4%-20.3%)
10th grade	18.8%	(15.7%-22.3%)	15.8%	(13.0%-19.0%)	20.2%	(17.0%-23.9%)	17.8%	(14.6%-21.5%)	15.4%	(12.0%-19.6%)
11th grade	14.7%	(11.8%-18.2%)	16.7%	(13.5%-20.4%)	16.0%	(13.2%-19.4%)	13.6%	(11.2%-16.3%)	12.0%	(10.0%-14.2%)
12th grade	17.8%	(15.0%-21.0%)	14.8%	(11.8%-18.4%)	14.5%	(12.0%-17.4%)	15.1%	(11.7%-19.3%)	14.2%	(9.8%-20.1%)
Race										
Native Hawaiian	25.6%	(22.2%-29.4%)	25.9%	(22.2%-29.9%)	26.0%	(22.0%-30.6%)	21.4%	(18.0%-25.4%)	19.8%	(16.5%-23.6%)
Other Pacific Islander	15.8%	(11.6%-21.1%)	19.0%	(13.0%-27.0%)	14.1%	(9.1%-21.3%)	10.2%	(6.8%-15.0%)	15.2%	(9.7%-23.0%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	19.1%	(14.8%-24.2%)	12.6%	(9.2%-17.1%)	15.4%	(11.2%-20.8%)	14.9%	(11.0%-19.8%)	15.3%	(12.4%-18.8%)
Filipino	14.3%	(10.7%-18.8%)	14.9%	(11.5%-19.0%)	12.7%	(10.4%-15.5%)	15.0%	(11.9%-18.6%)	12.6%	(9.5%-16.4%)
Japanese	14.6%	(8.7%-23.6%)	11.0%	(7.5%-15.8%)	8.9%	(5.3%-14.6%)	8.4%	(4.5%-15.2%)	0.5%	(0.2%-1.3%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	21.0%	(18.3%-24.0%)	17.4%	(14.7%-20.4%)	17.9%	(15.3%-21.0%)	18.0%	(15.3%-21.1%)	20.0%	(18.0%-22.2%)
Other Asian	12.3%	(9.4%-16.1%)	13.4%	(9.0%-19.6%)	6.5%	(4.1%-10.2%)	11.5%	(7.4%-17.5%)	6.7%	(3.6%-12.1%)

Table 24. Most alcoholic drinks in a row: Zero alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	75.5%	(71.6%-79.1%)	75.2%	(73.1%-77.2%)
County				
Kauai County	73.8%	(69.7%-77.6%)	74.6%	(71.0%-78.0%)
Honolulu County	78.0%	(72.0%-83.0%)	76.9%	(73.8%-79.8%)
Maui County	69.6%	(65.2%-73.7%)	71.2%	(67.5%-74.7%)
Hawaii County	69.6%	(65.5%-73.3%)	70.2%	(66.8%-73.3%)
Sex				
Female	74.9%	(70.6%-78.8%)	73.3%	(70.3%-76.1%)
Male	76.3%	(71.9%-80.1%)	77.4%	(74.6%-80.0%)
Sexual Orientation				
Bisexual	55.1%	(45.7%-64.2%)	59.6%	(51.4%-67.4%)
Gay or lesbian	**	(**_**)	53.7%	(42.6%-64.4%)
Heterosexual	76.6%	(72.7%-80.0%)	77.3%	(75.1%-79.4%)
Not sure	77.8%	(65.6%-86.6%)	76.4%	(68.6%-82.8%)
Grade				
9th grade	82.0%	(74.7%-87.5%)	83.5%	(80.2%-86.4%)
10th grade	81.4%	(77.6%-84.7%)	75.6%	(72.2%-78.7%)
11th grade	74.9%	(70.9%-78.6%)	74.2%	(70.4%-77.6%)
12th grade	62.4%	(57.0%-67.6%)	65.8%	(61.6%-69.9%)
Race				
Native Hawaiian	69.2%	(61.8%-75.7%)	70.3%	(66.4%-74.0%)
Other Pacific Islander	72.6%	(62.1%-81.0%)	85.4%	(80.4%-89.3%)
Black	**	(**_**)	**	(**_**)
Caucasian	70.7%	(63.3%-77.1%)	69.8%	(63.2%-75.7%)
Filipino	79.5%	(74.2%-83.8%)	79.7%	(75.1%-83.7%)
Japanese	88.1%	(83.0%-91.8%)	80.7%	(74.0%-86.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	74.7%	(71.9%-77.3%)	72.5%	(68.9%-75.8%)
Other Asian	89.9%	(81.0%-94.9%)	90.4%	(86.9%-93.1%)

Table 25. Most alcoholic drinks in a row: 1-2 alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	9.6%	(7.9%-11.6%)	10.2%	(9.2%-11.3%)
County				
Kauai County	8.9%	(7.1%-11.0%)	10.8%	(9.0%-13.0%)
Honolulu County	8.9%	(6.6%-11.9%)	9.5%	(8.2%-11.1%)
Maui County	11.9%	(9.7%-14.5%)	10.7%	(8.9%-12.8%)
Hawaii County	11.5%	(9.4%-14.0%)	12.9%	(10.4%-15.9%)
Sex				
Female	9.5%	(7.8%-11.6%)	11.7%	(9.9%-13.7%)
Male	9.7%	(7.5%-12.6%)	8.6%	(7.0%-10.5%)
Sexual Orientation				
Bisexual	15.0%	(9.8%-22.3%)	14.3%	(9.2%-21.5%)
Gay or lesbian	**	(**_**)	19.0%	(11.8%-29.1%)
Heterosexual	9.6%	(7.8%-11.7%)	9.9%	(8.6%-11.4%)
Not sure	7.0%	(2.9%-15.7%)	5.3%	(3.3%-8.4%)
Grade				
9th grade	9.1%	(5.8%-13.9%)	6.8%	(5.4%-8.6%)
10th grade	7.5%	(5.7%-9.8%)	9.4%	(8.1%-10.9%)
11th grade	9.4%	(6.9%-12.7%)	11.2%	(9.0%-13.9%)
12th grade	13.0%	(10.5%-16.0%)	14.3%	(12.0%-17.1%)
Race				
Native Hawaiian	10.2%	(8.2%-12.7%)	10.4%	(8.5%-12.6%)
Other Pacific Islander	12.3%	(6.6%-21.6%)	6.1%	(3.4%-10.7%)
Black	**	(**_**)	**	(**_**)
Caucasian	11.2%	(7.6%-16.0%)	15.7%	(11.5%-21.1%)
Filipino	10.1%	(7.4%-13.7%)	8.5%	(6.5%-10.9%)
Japanese	4.0%	(1.4%-11.0%)	8.4%	(5.3%-13.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	10.8%	(9.0%-13.0%)	10.6%	(8.2%-13.5%)
Other Asian	3.0%	(1.2%-7.6%)	4.8%	(3.2%-7.1%)

Table 26. Most alcoholic drinks in a row: 3-5 alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	6.3%	(5.4%-7.5%)	8.4%	(7.2%-9.7%)
County				
Kauai County	9.0%	(6.6%-12.1%)	7.8%	(6.1%-9.9%)
Honolulu County	5.0%	(3.8%-6.6%)	8.1%	(6.5%-10.0%)
Maui County	8.2%	(6.5%-10.4%)	10.0%	(8.1%-12.3%)
Hawaii County	10.0%	(7.6%-13.1%)	8.6%	(6.8%-10.8%)
Sex				
Female	6.6%	(5.3%-8.2%)	8.9%	(7.5%-10.6%)
Male	6.0%	(4.9%-7.5%)	7.6%	(5.8%-9.9%)
Sexual Orientation				
Bisexual	15.7%	(10.7%-22.6%)	16.3%	(10.8%-23.9%)
Gay or lesbian	**	(**_**)	16.8%	(9.6%-27.9%)
Heterosexual	5.9%	(4.9%-7.0%)	7.1%	(5.9%-8.4%)
Not sure	4.6%	(2.1%-9.5%)	10.2%	(6.8%-15.2%)
Grade				
9th grade	4.2%	(2.5%-7.1%)	6.2%	(4.4%-8.5%)
10th grade	6.7%	(4.6%-9.9%)	9.1%	(6.8%-12.0%)
11th grade	6.5%	(4.8%-8.6%)	7.0%	(5.2%-9.3%)
12th grade	8.6%	(6.3%-11.7%)	11.2%	(8.4%-14.9%)
Race				
Native Hawaiian	8.1%	(6.0%-10.8%)	10.7%	(8.6%-13.3%)
Other Pacific Islander	2.2%	(0.8%-5.7%)	4.7%	(2.3%-9.3%)
Black	**	(**_**)	**	(**_**)
Caucasian	7.7%	(5.4%-10.9%)	7.2%	(4.9%-10.4%)
Filipino	5.4%	(3.7%-7.8%)	8.1%	(5.8%-11.3%)
Japanese	4.0%	(1.5%-10.3%)	6.8%	(2.9%-14.7%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	5.7%	(4.2%-7.7%)	9.1%	(7.1%-11.8%)
Other Asian	4.9%	(2.1%-11.2%)	1.1%	(0.7%-1.8%)

Table 27. Most alcoholic drinks in a row: 6-9 alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	5.6%	(4.5%-6.8%)	3.7%	(3.1%-4.4%)
County				
Kauai County	5.5%	(3.6%-8.2%)	4.1%	(2.9%-5.7%)
Honolulu County	5.6%	(4.2%-7.4%)	3.4%	(2.5%-4.5%)
Maui County	6.0%	(4.4%-8.1%)	4.3%	(3.2%-5.7%)
Hawaii County	5.2%	(3.5%-7.7%)	4.6%	(3.2%-6.4%)
Sex				
Female	6.3%	(4.7%-8.3%)	4.4%	(3.3%-5.7%)
Male	4.7%	(3.6%-6.3%)	3.0%	(2.3%-3.8%)
Sexual Orientation				
Bisexual	5.2%	(2.1%-12.4%)	5.7%	(2.6%-12.0%)
Gay or lesbian	**	(**_**)	7.6%	(3.4%-16.3%)
Heterosexual	5.5%	(4.4%-6.8%)	3.3%	(2.6%-4.1%)
Not sure	7.2%	(2.0%-22.8%)	6.3%	(2.6%-14.5%)
Grade				
9th grade	3.6%	(2.4%-5.4%)	2.1%	(1.4%-3.2%)
10th grade	2.3%	(1.5%-3.5%)	3.5%	(2.2%-5.5%)
11th grade	5.8%	(3.3%-10.1%)	3.8%	(2.9%-5.0%)
12th grade	10.6%	(7.1%-15.6%)	5.8%	(4.4%-7.6%)
Race				
Native Hawaiian	8.0%	(4.4%-14.2%)	4.7%	(3.6%-6.0%)
Other Pacific Islander	8.1%	(3.5%-17.5%)	2.1%	(0.7%-6.1%)
Black	**	(**_**)	**	(**_**)
Caucasian	7.1%	(5.0%-10.0%)	4.9%	(3.2%-7.4%)
Filipino	3.4%	(2.1%-5.5%)	2.3%	(1.3%-3.9%)
Japanese	2.5%	(0.5%-11.5%)	3.0%	(1.2%-7.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	5.3%	(4.2%-6.8%)	4.3%	(3.2%-5.7%)
Other Asian	1.8%	(0.4%-7.2%)	2.1%	(1.0%-4.3%)

Table 28. Most alcoholic drinks in a row: 10+ alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	2.9%	(2.1%-4.1%)	2.6%	(2.1%-3.2%)
County				
Kauai County	2.8%	(1.8%-4.5%)	2.7%	(1.8%-4.0%)
Honolulu County	2.6%	(1.5%-4.3%)	2.1%	(1.5%-3.0%)
Maui County	4.3%	(2.7%-6.7%)	3.8%	(2.9%-4.9%)
Hawaii County	3.7%	(2.5%-5.4%)	3.8%	(2.8%-5.1%)
Sex				
Female	2.7%	(1.7%-4.3%)	1.7%	(1.2%-2.4%)
Male	3.2%	(2.2%-4.7%)	3.4%	(2.5%-4.8%)
Sexual Orientation				
Bisexual	8.9%	(4.0%-18.7%)	4.1%	(2.2%-7.4%)
Gay or lesbian	**	(**_**)	2.9%	(0.9%-9.1%)
Heterosexual	2.5%	(1.9%-3.3%)	2.4%	(1.9%-3.1%)
Not sure	3.4%	(1.1%-10.4%)	1.7%	(0.8%-3.6%)
Grade				
9th grade	1.1%	(0.6%-1.9%)	1.4%	(0.9%-2.3%)
10th grade	2.0%	(1.2%-3.6%)	2.4%	(1.4%-4.0%)
11th grade	3.4%	(1.8%-6.5%)	3.8%	(2.7%-5.4%)
12th grade	5.4%	(3.5%-8.2%)	2.8%	(2.0%-3.9%)
Race				
Native Hawaiian	4.5%	(3.2%-6.4%)	3.9%	(2.9%-5.1%)
Other Pacific Islander	4.9%	(1.6%-13.7%)	1.7%	(0.5%-5.2%)
Black	**	(**_**)	**	(**_**)
Caucasian	3.4%	(2.1%-5.5%)	2.4%	(1.3%-4.5%)
Filipino	1.7%	(0.7%-3.6%)	1.4%	(0.7%-2.7%)
Japanese	1.4%	(0.4%-4.5%)	1.2%	(0.3%-4.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	3.4%	(2.1%-5.4%)	3.5%	(2.3%-5.3%)
Other Asian	0.3%	(0.1%-1.3%)	1.6%	(0.3%-8.7%)

Table 29. Most alcoholic drinks in a row for current drinkers: 1-2 alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	40.8%	(37.7%-44.0%)	41.6%	(38.0%-45.4%)
County				
Kauai County	34.5%	(27.4%-42.4%)	43.1%	(36.3%-50.2%)
Honolulu County	42.0%	(37.7%-46.3%)	41.8%	(36.7%-47.2%)
Maui County	40.8%	(34.3%-47.7%)	37.3%	(32.0%-42.8%)
Hawaii County	39.2%	(32.5%-46.5%)	44.4%	(36.5%-52.7%)
Sex				
Female	39.5%	(34.2%-44.9%)	44.3%	(39.7%-49.1%)
Male	42.5%	(36.8%-48.3%)	38.4%	(31.8%-45.5%)
Sexual Orientation				
Bisexual	**	(**_**)	35.8%	(21.7%-52.8%)
Gay or lesbian	**	(**_**)	**	(**_**)
Heterosexual	42.1%	(38.5%-45.8%)	44.1%	(39.3%-49.1%)
Not sure	**	(**_**)	**	(**_**)
Grade				
9th grade	53.4%	(46.5%-60.2%)	41.4%	(33.1%-50.2%)
10th grade	42.0%	(33.4%-51.1%)	38.8%	(32.7%-45.2%)
11th grade	39.5%	(30.6%-49.2%)	44.6%	(37.3%-52.1%)
12th grade	35.3%	(28.3%-43.1%)	42.5%	(35.4%-49.9%)
Race				
Native Hawaiian	34.4%	(28.2%-41.2%)	35.2%	(29.7%-41.1%)
Other Pacific Islander	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)
Caucasian	39.0%	(31.3%-47.4%)	52.1%	(41.2%-62.8%)
Filipino	51.2%	(42.2%-60.2%)	41.9%	(32.2%-52.4%)
Japanese	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	44.3%	(37.2%-51.7%)	39.6%	(31.3%-48.5%)
Other Asian	**	(**_**)	**	(**_**)

Table 30. Most alcoholic drinks in a row for current drinkers: 3-5 alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	25.8%	(21.7%-30.4%)	33.5%	(29.9%-37.4%)
County				
Kauai County	35.0%	(26.7%-44.2%)	30.1%	(25.1%-35.7%)
Honolulu County	22.6%	(17.0%-29.4%)	35.0%	(29.8%-40.6%)
Maui County	26.6%	(22.0%-31.8%)	35.1%	(29.7%-40.9%)
Hawaii County	32.9%	(25.6%-41.0%)	27.2%	(21.6%-33.6%)
Sex				
Female	26.7%	(21.8%-32.2%)	33.3%	(27.5%-39.6%)
Male	24.7%	(19.6%-30.7%)	33.6%	(27.3%-40.6%)
Sexual Orientation				
Bisexual	**	(**_**)	40.5%	(28.7%-53.6%)
Gay or lesbian	**	(**_**)	**	(**_**)
Heterosexual	24.9%	(21.0%-29.4%)	31.2%	(27.1%-35.7%)
Not sure	**	(**_**)	**	(**_**)
Grade				
9th grade	22.7%	(16.5%-30.3%)	37.6%	(30.2%-45.6%)
10th grade	37.4%	(26.3%-50.0%)	38.5%	(30.5%-47.1%)
11th grade	24.7%	(17.3%-34.0%)	25.9%	(20.0%-32.9%)
12th grade	23.0%	(16.6%-31.0%)	32.1%	(25.4%-39.5%)
Race				
Native Hawaiian	26.7%	(19.6%-35.2%)	36.1%	(30.8%-41.8%)
Other Pacific Islander	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)
Caucasian	25.6%	(18.9%-33.8%)	23.6%	(16.3%-32.9%)
Filipino	25.6%	(17.7%-35.5%)	41.3%	(32.4%-50.8%)
Japanese	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	22.4%	(15.9%-30.5%)	32.8%	(26.0%-40.5%)
Other Asian	**	(**_**)	**	(**_**)

Table 31. Most alcoholic drinks in a row for current drinkers: 6-9 alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	21.8%	(18.7%-25.4%)	14.8%	(13.0%-16.8%)
County				
Kauai County	19.5%	(13.4%-27.4%)	16.6%	(12.4%-21.8%)
Honolulu County	24.4%	(19.7%-29.8%)	14.4%	(12.1%-17.1%)
Maui County	18.3%	(14.0%-23.7%)	15.0%	(11.6%-19.2%)
Hawaii County	17.0%	(11.8%-23.8%)	15.6%	(11.1%-21.4%)
Sex				
Female	23.9%	(19.1%-29.4%)	16.0%	(13.2%-19.1%)
Male	19.5%	(14.7%-25.3%)	13.4%	(10.8%-16.4%)
Sexual Orientation				
Bisexual	**	(**_**)	14.3%	(6.4%-28.9%)
Gay or lesbian	**	(**_**)	**	(**_**)
Heterosexual	22.5%	(19.2%-26.1%)	14.2%	(11.8%-17.1%)
Not sure	**	(**_**)	**	(**_**)
Grade				
9th grade	18.2%	(11.7%-27.1%)	12.9%	(8.9%-18.3%)
10th grade	10.9%	(7.3%-16.0%)	13.2%	(9.0%-19.0%)
11th grade	22.1%	(11.7%-37.9%)	15.4%	(12.2%-19.3%)
12th grade	28.0%	(20.1%-37.7%)	17.2%	(13.0%-22.3%)
Race				
Native Hawaiian	25.4%	(15.5%-38.7%)	16.0%	(12.9%-19.9%)
Other Pacific Islander	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)
Caucasian	24.0%	(16.7%-33.1%)	16.2%	(11.8%-21.8%)
Filipino	15.1%	(9.2%-23.7%)	9.7%	(5.9%-15.4%)
Japanese	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	21.3%	(17.2%-26.1%)	16.0%	(12.1%-20.8%)
Other Asian	**	(**_**)	**	(**_**)

Table 32. Most alcoholic drinks in a row for current drinkers: 10+ alcoholic drinks among public high school students by county, sex, sexual orientation, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	11.6%	(9.2%-14.5%)	10.0%	(8.0%-12.5%)
County				
Kauai County	11.1%	(7.0%-17.1%)	10.3%	(6.7%-15.4%)
Honolulu County	11.1%	(7.7%-15.6%)	8.7%	(6.0%-12.5%)
Maui County	14.3%	(9.1%-21.7%)	12.6%	(9.8%-16.1%)
Hawaii County	10.9%	(7.5%-15.8%)	12.8%	(9.3%-17.4%)
Sex				
Female	9.9%	(6.7%-14.6%)	6.4%	(4.8%-8.6%)
Male	13.3%	(9.8%-17.9%)	14.6%	(10.1%-20.5%)
Sexual Orientation				
Bisexual	**	(**_**)	9.4%	(5.0%-16.8%)
Gay or lesbian	**	(**_**)	**	(**_**)
Heterosexual	10.4%	(8.3%-13.0%)	10.4%	(8.2%-13.1%)
Not sure	**	(**_**)	**	(**_**)
Grade				
9th grade	5.8%	(2.7%-11.9%)	8.2%	(4.7%-13.9%)
10th grade	9.7%	(5.7%-16.2%)	9.6%	(5.8%-15.4%)
11th grade	13.6%	(7.0%-24.8%)	14.1%	(10.5%-18.8%)
12th grade	13.6%	(9.0%-20.2%)	8.3%	(6.0%-11.4%)
Race				
Native Hawaiian	13.5%	(8.9%-19.8%)	12.6%	(9.3%-16.9%)
Other Pacific Islander	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)
Caucasian	11.4%	(7.4%-17.2%)	8.0%	(4.3%-14.6%)
Filipino	8.2%	(3.8%-16.6%)	7.1%	(3.8%-12.9%)
Japanese	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	12.0%	(8.2%-17.1%)	11.6%	(8.1%-16.3%)
Other Asian	**	(**_**)	**	(**_**)

Table 33. Usual source of alcohol: Bought it at a store or gas station among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	3.4%	(2.1%-5.6%)	5.0%	(3.5%-7.2%)	5.6%	(3.9%-7.9%)
County						
Kauai County			4.4%	(1.8%-10.4%)	3.1%	(1.5%-6.1%)
Honolulu County			4.9%	(2.7%-8.8%)	6.2%	(3.8%-10.0%)
Maui County			5.3%	(2.9%-9.6%)	3.3%	(1.7%-6.3%)
Hawaii County			5.5%	(3.0%-9.8%)	6.4%	(3.8%-10.5%)
Sex						
Female	2.5%	(1.3%-4.8%)	4.1%	(2.3%-7.0%)	3.9%	(2.2%-7.0%)
Male	4.5%	(2.5%-7.9%)	6.0%	(4.3%-8.4%)	7.9%	(4.9%-12.7%)
Sexual Orientation						
Bisexual	2.6%	(0.7%-9.5%)	3.5%	(1.0%-11.6%)	0.2%	(0.0%-1.3%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	2.4%	(1.3%-4.4%)	4.5%	(2.9%-6.9%)	5.7%	(3.6%-8.9%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	3.3%	(0.8%-13.2%)	6.5%	(3.3%-12.5%)	4.5%	(2.0%-9.9%)
10th grade	1.0%	(0.4%-2.7%)	4.8%	(2.3%-9.8%)	5.4%	(2.7%-10.6%)
11th grade	5.2%	(1.8%-14.2%)	3.1%	(1.5%-6.1%)	5.8%	(3.0%-11.0%)
12th grade	4.1%	(2.4%-6.8%)	5.7%	(2.4%-12.9%)	4.8%	(2.6%-8.9%)
Race						
Native Hawaiian	2.9%	(1.3%-6.4%)	6.2%	(3.2%-11.8%)	6.1%	(3.9%-9.6%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	3.0%	(0.9%-9.0%)	8.3%	(3.6%-17.8%)	1.9%	(0.4%-9.1%)
Filipino	2.5%	(0.6%-9.9%)	0.2%	(0.0%-1.2%)	4.2%	(1.4%-12.1%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	4.0%	(2.1%-7.6%)	8.4%	(4.2%-16.1%)	5.6%	(3.2%-9.7%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 34. Usual source of alcohol: Bought it at a restaurant or bar among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	2.3%	(1.2%-4.3%)	3.2%	(1.9%-5.4%)	4.1%	(2.4%-6.9%)
County						
Kauai County			0.7%	(0.1%-3.3%)	3.7%	(1.7%-7.7%)
Honolulu County			4.4%	(2.4%-8.1%)	4.8%	(2.2%-10.1%)
Maui County			1.2%	(0.4%-3.0%)	1.6%	(0.8%-3.3%)
Hawaii County			1.9%	(0.9%-4.0%)	4.3%	(2.6%-7.0%)
Sex						
Female	0.9%	(0.4%-2.2%)	3.3%	(1.2%-8.7%)	2.5%	(1.2%-5.2%)
Male	3.4%	(1.6%-7.1%)	3.0%	(1.6%-5.3%)	5.5%	(2.6%-11.1%)
Sexual Orientation						
Bisexual	4.3%	(1.3%-13.0%)	6.6%	(1.9%-20.6%)	1.4%	(0.3%-5.7%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	1.8%	(0.7%-4.6%)	2.6%	(1.2%-5.3%)	3.7%	(2.0%-6.9%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	1.4%	(0.2%-9.0%)	0.4%	(0.1%-1.3%)	4.7%	(1.8%-11.3%)
10th grade	1.3%	(0.4%-4.4%)	4.1%	(1.5%-10.8%)	3.8%	(1.6%-8.9%)
11th grade	4.2%	(1.8%-9.2%)	1.9%	(0.4%-8.0%)	1.7%	(0.8%-3.5%)
12th grade	1.3%	(0.5%-3.8%)	4.6%	(1.6%-12.5%)	5.3%	(1.7%-15.6%)
Race						
Native Hawaiian	1.3%	(0.2%-7.1%)	4.4%	(2.2%-8.8%)	3.0%	(1.6%-5.6%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	0.4%	(0.0%-2.6%)	2.9%	(0.7%-12.0%)	0.2%	(0.0%-1.2%)
Filipino	2.6%	(0.5%-12.8%)	1.7%	(0.3%-9.3%)	0.6%	(0.2%-2.0%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	2.5%	(1.0%-6.2%)	3.8%	(1.4%-9.9%)	4.7%	(2.6%-8.3%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 35. Usual source of alcohol: Bought it at a public event among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	0.9%	(0.4%-2.2%)	0.8%	(0.4%-1.6%)	1.4%	(0.8%-2.4%)
County						
Kauai County			2.4%	(0.9%-6.2%)	2.9%	(1.4%-5.7%)
Honolulu County			0.5%	(0.1%-2.9%)	0.7%	(0.2%-2.9%)
Maui County			0.2%	(0.0%-1.2%)	1.6%	(0.6%-4.0%)
Hawaii County			1.6%	(0.8%-3.2%)	2.5%	(1.2%-5.4%)
Sex						
Female	0.6%	(0.1%-2.8%)	0.5%	(0.2%-1.1%)	0.8%	(0.2%-2.7%)
Male	1.3%	(0.5%-3.6%)	1.1%	(0.4%-3.1%)	1.2%	(0.6%-2.2%)
Sexual Orientation						
Bisexual	0.2%	(0.1%-1.1%)	0.9%	(0.3%-3.0%)	2.4%	(0.9%-6.5%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	0.7%	(0.2%-2.6%)	0.5%	(0.2%-1.8%)	0.8%	(0.3%-2.0%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	0.1%	(0.0%-0.4%)	1.0%	(0.3%-2.6%)	1.7%	(0.3%-8.2%)
10th grade	0.4%	(0.1%-1.3%)	0.4%	(0.1%-1.7%)	1.3%	(0.6%-2.9%)
11th grade	2.2%	(0.7%-6.5%)	0.2%	(0.1%-0.9%)	1.5%	(0.7%-3.2%)
12th grade	0.9%	(0.2%-5.3%)	1.2%	(0.3%-4.3%)	0.3%	(0.1%-1.2%)
Race						
Native Hawaiian	2.1%	(0.6%-7.1%)	1.8%	(0.7%-4.7%)	0.7%	(0.3%-1.8%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	.	(.-)	0.3%	(0.0%-2.1%)	.	(.-)
Filipino	.	(.-)	0.1%	(0.0%-0.9%)	.	(.-)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	0.4%	(0.1%-1.3%)	0.6%	(0.2%-1.6%)	1.9%	(1.0%-3.7%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 36. Usual source of alcohol: Gave someone else money for purchase among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	17.9%	(13.9%-22.6%)	19.2%	(16.3%-22.3%)	9.8%	(7.9%-12.1%)
County						
Kauai County			25.0%	(17.8%-33.8%)	11.2%	(7.3%-16.9%)
Honolulu County			18.9%	(15.1%-23.5%)	8.9%	(6.2%-12.7%)
Maui County			21.6%	(16.1%-28.4%)	11.8%	(8.2%-16.5%)
Hawaii County			15.6%	(11.6%-20.7%)	10.1%	(6.7%-15.1%)
Sex						
Female	16.0%	(11.2%-22.3%)	20.3%	(15.6%-26.0%)	8.2%	(5.9%-11.3%)
Male	20.5%	(15.3%-27.0%)	17.8%	(14.7%-21.4%)	12.2%	(8.6%-16.9%)
Sexual Orientation						
Bisexual	5.8%	(2.8%-11.8%)	14.1%	(7.2%-25.8%)	8.8%	(3.3%-21.5%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	20.3%	(15.7%-25.8%)	19.2%	(16.0%-22.8%)	10.1%	(7.9%-12.7%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	9.9%	(6.1%-15.7%)	21.5%	(15.8%-28.7%)	6.2%	(3.7%-10.3%)
10th grade	12.0%	(7.9%-17.7%)	13.9%	(9.0%-20.9%)	10.3%	(5.9%-17.2%)
11th grade	12.8%	(9.1%-17.8%)	14.6%	(10.5%-20.0%)	13.0%	(9.0%-18.5%)
12th grade	32.1%	(23.3%-42.2%)	23.4%	(16.6%-31.9%)	9.9%	(6.0%-15.9%)
Race						
Native Hawaiian	17.5%	(13.2%-22.8%)	21.1%	(15.8%-27.4%)	12.3%	(8.6%-17.2%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	9.3%	(5.0%-16.7%)	23.5%	(14.0%-36.7%)	8.3%	(4.5%-14.8%)
Filipino	22.8%	(13.4%-36.0%)	16.1%	(10.4%-24.2%)	9.0%	(4.7%-16.3%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	19.9%	(15.0%-26.0%)	16.1%	(12.5%-20.5%)	11.3%	(8.8%-14.5%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 37. Usual source of alcohol: Given alcohol by someone else among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	39.7%	(35.3%-44.3%)	40.5%	(35.8%-45.4%)	35.9%	(30.8%-41.4%)
County						
Kauai County			42.3%	(34.8%-50.2%)	31.1%	(26.0%-36.8%)
Honolulu County			37.9%	(31.1%-45.2%)	36.4%	(28.0%-45.7%)
Maui County			46.5%	(37.9%-55.2%)	37.6%	(32.0%-43.5%)
Hawaii County			43.3%	(36.3%-50.5%)	34.9%	(29.6%-40.7%)
Sex						
Female	46.5%	(40.3%-52.8%)	41.1%	(34.4%-48.0%)	42.6%	(35.6%-49.9%)
Male	31.2%	(25.8%-37.1%)	40.3%	(34.9%-45.9%)	28.7%	(23.0%-35.1%)
Sexual Orientation						
Bisexual	49.0%	(35.5%-62.7%)	37.7%	(28.1%-48.3%)	35.2%	(21.6%-51.6%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	39.7%	(34.9%-44.7%)	42.4%	(37.0%-48.0%)	37.8%	(32.0%-43.8%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	34.5%	(27.0%-42.8%)	37.5%	(31.0%-44.4%)	27.7%	(20.8%-35.9%)
10th grade	50.8%	(42.6%-58.9%)	39.7%	(31.7%-48.3%)	38.6%	(30.6%-47.2%)
11th grade	40.6%	(33.2%-48.4%)	47.6%	(38.0%-57.3%)	35.7%	(26.4%-46.2%)
12th grade	34.5%	(27.1%-42.8%)	38.9%	(29.4%-49.4%)	42.5%	(32.7%-53.0%)
Race						
Native Hawaiian	42.6%	(35.4%-50.1%)	36.0%	(28.9%-43.8%)	35.0%	(29.4%-41.1%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	48.9%	(39.5%-58.4%)	36.8%	(28.2%-46.3%)	59.2%	(47.6%-69.9%)
Filipino	30.7%	(21.3%-42.0%)	46.7%	(34.9%-59.0%)	37.4%	(27.4%-48.7%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	39.3%	(34.8%-44.0%)	43.1%	(38.5%-47.8%)	32.4%	(28.3%-36.8%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 38. Usual source of alcohol: Took it from a store or family member among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	14.0%	(11.1%-17.6%)	8.8%	(6.9%-11.3%)	13.8%	(11.3%-16.7%)
County						
Kauai County			6.7%	(3.8%-11.5%)	11.7%	(8.3%-16.2%)
Honolulu County			8.5%	(5.8%-12.2%)	14.0%	(10.2%-18.9%)
Maui County			7.4%	(4.1%-13.1%)	13.4%	(10.1%-17.5%)
Hawaii County			12.1%	(8.3%-17.3%)	14.4%	(10.5%-19.3%)
Sex						
Female	16.3%	(13.0%-20.1%)	12.0%	(8.4%-16.7%)	14.4%	(11.2%-18.2%)
Male	11.2%	(7.7%-16.1%)	5.2%	(3.2%-8.4%)	13.9%	(9.9%-19.2%)
Sexual Orientation						
Bisexual	17.1%	(10.7%-26.0%)	15.1%	(5.9%-33.6%)	25.8%	(15.2%-40.2%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	12.8%	(9.7%-16.8%)	8.6%	(6.5%-11.2%)	12.5%	(9.5%-16.1%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	22.9%	(16.3%-31.3%)	10.3%	(6.6%-15.7%)	18.6%	(13.1%-25.7%)
10th grade	12.2%	(7.1%-20.0%)	13.9%	(7.2%-25.1%)	12.8%	(8.8%-18.3%)
11th grade	15.5%	(10.8%-21.7%)	11.1%	(7.5%-16.2%)	14.7%	(9.7%-21.6%)
12th grade	7.9%	(4.6%-13.4%)	2.8%	(1.2%-6.7%)	12.0%	(6.6%-20.6%)
Race						
Native Hawaiian	11.2%	(7.6%-16.3%)	5.3%	(2.6%-10.4%)	12.9%	(9.8%-16.8%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	25.2%	(12.7%-43.8%)	9.6%	(4.3%-19.8%)	16.3%	(10.2%-25.0%)
Filipino	12.2%	(6.7%-21.0%)	7.3%	(2.7%-18.4%)	15.7%	(8.8%-26.5%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	10.8%	(8.6%-13.5%)	9.9%	(6.4%-15.2%)	16.4%	(12.9%-20.6%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 39. Usual source of alcohol: Some other way among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	21.8%	(18.5%-25.6%)	22.5%	(19.8%-25.4%)	29.4%	(24.2%-35.3%)
County						
Kauai County			18.5%	(12.7%-26.1%)	36.2%	(30.1%-42.9%)
Honolulu County			24.8%	(20.8%-29.3%)	29.0%	(19.8%-40.2%)
Maui County			17.9%	(13.4%-23.4%)	30.8%	(25.9%-36.2%)
Hawaii County			20.1%	(15.5%-25.6%)	27.3%	(22.0%-33.4%)
Sex						
Female	17.3%	(13.1%-22.4%)	18.8%	(15.1%-23.2%)	27.6%	(21.6%-34.5%)
Male	27.9%	(23.2%-33.2%)	26.6%	(23.0%-30.6%)	30.7%	(24.5%-37.6%)
Sexual Orientation						
Bisexual	21.0%	(11.3%-35.6%)	22.1%	(10.7%-40.3%)	26.3%	(14.1%-43.7%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	22.3%	(18.6%-26.6%)	22.2%	(19.4%-25.4%)	29.5%	(24.5%-35.1%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	27.9%	(20.6%-36.5%)	22.9%	(16.7%-30.5%)	36.7%	(27.1%-47.4%)
10th grade	22.4%	(16.9%-29.1%)	23.2%	(17.5%-30.2%)	27.9%	(19.4%-38.3%)
11th grade	19.6%	(13.7%-27.1%)	21.4%	(15.9%-28.3%)	27.6%	(20.4%-36.2%)
12th grade	19.2%	(14.3%-25.2%)	23.3%	(17.0%-31.1%)	25.2%	(19.4%-32.0%)
Race						
Native Hawaiian	22.4%	(17.1%-28.7%)	25.2%	(19.7%-31.8%)	30.0%	(25.6%-34.7%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	13.3%	(7.5%-22.4%)	18.7%	(11.7%-28.4%)	14.1%	(7.1%-26.0%)
Filipino	29.2%	(21.2%-38.8%)	27.8%	(20.3%-36.9%)	33.0%	(24.0%-43.5%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	22.9%	(17.1%-30.0%)	18.0%	(13.1%-24.3%)	27.8%	(24.1%-31.8%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 40. Ridden in a car with someone, including self, who was high or had been using alcohol or drugs in the past 30 days among public high school students by county, sex, sexual orientation, grade, and race for years 2013-2019

	2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	23.0%	(20.6%-25.6%)	20.3%	(18.5%-22.2%)	20.6%	(18.9%-22.4%)	21.5%	(19.8%-23.3%)
County								
Kauai County	29.8%	(26.8%-33.1%)	24.6%	(21.3%-28.2%)	24.5%	(21.8%-27.5%)	27.8%	(25.2%-30.5%)
Honolulu County	20.2%	(16.8%-24.2%)	18.1%	(15.9%-20.5%)	18.8%	(16.6%-21.3%)	19.1%	(16.6%-21.8%)
Maui County	30.6%	(27.4%-33.9%)	27.0%	(24.0%-30.3%)	25.6%	(22.3%-29.2%)	28.7%	(25.9%-31.7%)
Hawaii County	26.6%	(23.5%-29.9%)	23.3%	(20.7%-26.2%)	23.6%	(20.6%-27.0%)	24.4%	(21.7%-27.3%)
Sex								
Female	24.4%	(21.6%-27.4%)	21.2%	(18.5%-24.2%)	19.2%	(17.0%-21.6%)	22.3%	(19.8%-25.0%)
Male	21.5%	(18.1%-25.3%)	19.3%	(17.2%-21.6%)	21.8%	(18.8%-25.1%)	20.7%	(18.6%-23.0%)
Sexual Orientation								
Bisexual	37.6%	(27.5%-48.9%)	22.4%	(16.6%-29.4%)	24.2%	(17.8%-31.9%)	20.3%	(15.4%-26.3%)
Gay or lesbian	**	(**_**)	29.9%	(21.2%-40.4%)	15.9%	(9.5%-25.4%)	25.7%	(14.9%-40.6%)
Heterosexual	21.7%	(19.2%-24.4%)	19.7%	(17.8%-21.7%)	20.4%	(18.7%-22.2%)	22.0%	(20.3%-23.8%)
Not sure	25.7%	(16.9%-36.9%)	20.7%	(14.4%-28.7%)	16.9%	(11.5%-24.2%)	14.1%	(10.2%-19.3%)
Grade								
9th grade	19.7%	(16.6%-23.3%)	14.5%	(12.1%-17.2%)	17.7%	(15.1%-20.7%)	17.8%	(14.8%-21.2%)
10th grade	19.8%	(15.5%-25.0%)	21.5%	(18.8%-24.4%)	22.0%	(18.6%-25.8%)	22.4%	(19.6%-25.4%)
11th grade	25.1%	(21.9%-28.5%)	21.2%	(17.6%-25.3%)	19.2%	(16.2%-22.5%)	23.5%	(20.0%-27.3%)
12th grade	28.4%	(23.1%-34.3%)	25.1%	(21.5%-29.1%)	23.0%	(19.4%-27.2%)	23.0%	(20.6%-25.5%)
Race								
Native Hawaiian	32.1%	(27.6%-37.0%)	27.5%	(24.6%-30.7%)	24.6%	(22.4%-26.9%)	29.1%	(26.3%-32.2%)
Other Pacific Islander	31.1%	(24.3%-38.7%)	20.9%	(15.7%-27.2%)	22.0%	(17.2%-27.7%)	21.2%	(15.3%-28.6%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	23.9%	(19.8%-28.5%)	20.0%	(16.2%-24.4%)	23.1%	(19.3%-27.4%)	20.1%	(15.1%-26.2%)
Filipino	18.1%	(14.5%-22.3%)	15.2%	(12.7%-18.2%)	15.9%	(13.4%-18.9%)	18.5%	(15.3%-22.2%)
Japanese	12.4%	(8.4%-17.9%)	14.6%	(10.2%-20.6%)	17.7%	(9.5%-30.8%)	8.1%	(4.4%-14.5%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	24.8%	(21.8%-28.0%)	23.9%	(20.7%-27.4%)	21.4%	(18.6%-24.5%)	26.8%	(24.5%-29.4%)
Other Asian	8.6%	(5.3%-13.5%)	5.8%	(2.5%-12.5%)	13.8%	(7.9%-23.0%)	10.7%	(6.4%-17.3%)

Table 41. Students whose parents would think it was wrong to drink alcohol regularly among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	88.5%	(87.2%-89.7%)	86.8%	(85.2%-88.2%)	88.0%	(86.7%-89.3%)	87.7%	(86.3%-88.9%)	85.7%	(84.0%-87.3%)
County										
Kauai County			86.4%	(83.5%-88.9%)	88.9%	(86.9%-90.6%)	88.0%	(85.3%-90.4%)	84.8%	(82.6%-86.7%)
Honolulu County			86.8%	(84.6%-88.7%)	88.7%	(86.6%-90.5%)	87.6%	(86.0%-89.1%)	86.5%	(83.9%-88.7%)
Maui County			88.1%	(85.1%-90.5%)	89.3%	(87.4%-91.0%)	89.4%	(87.2%-91.3%)	86.6%	(84.3%-88.6%)
Hawaii County			85.8%	(82.7%-88.3%)	83.3%	(80.3%-85.9%)	86.0%	(83.4%-88.3%)	81.8%	(78.9%-84.4%)
Sex										
Female	90.3%	(88.7%-91.7%)	88.2%	(86.3%-89.9%)	89.7%	(87.8%-91.3%)	89.5%	(87.5%-91.2%)	88.4%	(85.9%-90.5%)
Male	86.7%	(84.6%-88.5%)	85.3%	(82.9%-87.5%)	86.4%	(84.6%-88.0%)	86.0%	(84.0%-87.8%)	83.6%	(81.6%-85.4%)
Sexual Orientation										
Bisexual	87.4%	(79.4%-92.6%)	77.9%	(68.8%-85.0%)	84.0%	(75.9%-89.7%)	84.9%	(79.1%-89.4%)	87.7%	(81.7%-91.9%)
Gay or lesbian	**	(**_**)	**	(**_**)	79.3%	(64.7%-88.8%)	78.3%	(70.1%-84.8%)	76.9%	(60.8%-87.7%)
Heterosexual	89.2%	(87.9%-90.4%)	88.2%	(86.3%-89.8%)	89.0%	(87.9%-90.0%)	89.3%	(88.1%-90.4%)	86.8%	(85.0%-88.5%)
Not sure	72.7%	(62.7%-80.8%)	74.5%	(65.4%-81.9%)	87.1%	(79.0%-92.4%)	76.9%	(67.9%-83.9%)	75.2%	(65.3%-82.9%)
Grade										
9th grade	89.5%	(87.4%-91.3%)	89.2%	(86.0%-91.7%)	88.4%	(85.3%-91.0%)	88.7%	(86.0%-90.9%)	86.8%	(83.8%-89.3%)
10th grade	86.1%	(83.6%-88.2%)	87.1%	(83.8%-89.7%)	88.1%	(85.5%-90.3%)	88.1%	(85.0%-90.6%)	87.2%	(83.6%-90.1%)
11th grade	90.0%	(87.4%-92.1%)	86.6%	(83.4%-89.4%)	88.9%	(86.3%-91.1%)	87.1%	(84.8%-89.2%)	85.1%	(81.2%-88.3%)
12th grade	89.1%	(85.8%-91.8%)	83.9%	(80.5%-86.8%)	86.5%	(83.5%-88.9%)	87.0%	(82.5%-90.4%)	83.2%	(79.6%-86.3%)
Race										
Native Hawaiian	86.5%	(83.7%-89.0%)	85.0%	(82.6%-87.0%)	83.4%	(80.7%-85.9%)	85.9%	(82.7%-88.5%)	82.9%	(80.9%-84.8%)
Other Pacific Islander	86.0%	(79.5%-90.6%)	89.7%	(82.7%-94.1%)	85.0%	(78.9%-89.6%)	88.1%	(83.7%-91.5%)	89.8%	(81.8%-94.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	89.8%	(84.5%-93.5%)	81.2%	(76.8%-85.0%)	89.9%	(84.6%-93.5%)	87.0%	(82.2%-90.6%)	87.6%	(81.5%-91.9%)
Filipino	89.0%	(86.0%-91.3%)	91.7%	(88.9%-93.9%)	89.7%	(86.5%-92.1%)	89.8%	(86.6%-92.2%)	87.4%	(84.5%-89.8%)
Japanese	89.6%	(82.3%-94.1%)	89.3%	(82.3%-93.7%)	92.0%	(87.2%-95.2%)	85.4%	(77.7%-90.7%)	92.5%	(77.1%-97.8%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	88.6%	(86.8%-90.2%)	85.9%	(83.0%-88.3%)	88.7%	(86.1%-90.8%)	88.7%	(86.8%-90.4%)	84.4%	(82.4%-86.2%)
Other Asian	95.6%	(92.4%-97.6%)	84.5%	(76.2%-90.3%)	85.1%	(78.3%-90.1%)	89.2%	(84.9%-92.4%)	83.4%	(77.2%-88.1%)

Table 42. Current alcohol or marijuana use among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	36.9%	(33.3%-40.5%)	32.3%	(28.6%-36.1%)	31.9%	(29.4%-34.4%)	30.8%	(27.9%-33.7%)	28.9%	(26.0%-31.9%)
County										
Kauai County			35.4%	(31.2%-39.9%)	33.1%	(29.5%-36.9%)	35.8%	(32.2%-39.6%)	33.5%	(30.1%-37.1%)
Honolulu County			29.4%	(24.0%-35.4%)	29.8%	(26.7%-33.2%)	26.9%	(23.3%-30.9%)	24.6%	(21.1%-28.5%)
Maui County			38.7%	(34.7%-42.9%)	36.1%	(31.9%-40.6%)	38.9%	(35.5%-42.5%)	37.8%	(34.2%-41.5%)
Hawaii County			39.0%	(34.8%-43.3%)	37.5%	(34.0%-41.3%)	40.1%	(36.6%-43.7%)	39.7%	(35.9%-43.6%)
Sex										
Female	38.3%	(34.1%-42.8%)	32.1%	(28.5%-35.9%)	32.9%	(29.6%-36.4%)	31.1%	(27.3%-35.2%)	32.0%	(28.6%-35.6%)
Male	35.3%	(31.4%-39.5%)	32.2%	(27.9%-36.9%)	30.4%	(27.2%-33.7%)	29.3%	(26.1%-32.7%)	25.2%	(21.8%-28.9%)
Sexual Orientation										
Bisexual	64.9%	(54.5%-74.1%)	54.8%	(46.4%-63.0%)	46.5%	(39.1%-54.1%)	46.4%	(39.2%-53.9%)	39.8%	(31.4%-48.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	52.7%	(40.7%-64.5%)	43.5%	(33.9%-53.6%)	30.4%	(20.1%-43.2%)
Heterosexual	34.7%	(31.1%-38.5%)	30.8%	(27.2%-34.7%)	29.5%	(27.0%-32.0%)	28.0%	(25.2%-30.9%)	28.3%	(25.4%-31.4%)
Not sure	40.6%	(29.8%-52.4%)	25.5%	(16.2%-37.7%)	29.8%	(21.7%-39.4%)	30.2%	(22.8%-38.8%)	19.0%	(13.8%-25.5%)
Grade										
9th grade	29.9%	(25.8%-34.3%)	25.4%	(19.9%-31.9%)	20.9%	(17.3%-25.0%)	23.2%	(19.3%-27.7%)	20.5%	(17.1%-24.3%)
10th grade	35.1%	(30.7%-39.7%)	25.9%	(22.3%-29.8%)	32.5%	(28.1%-37.1%)	27.2%	(23.0%-31.7%)	28.3%	(24.4%-32.6%)
11th grade	38.4%	(30.0%-47.5%)	33.8%	(28.9%-39.0%)	34.3%	(30.5%-38.3%)	30.8%	(27.5%-34.2%)	31.3%	(28.2%-34.7%)
12th grade	45.7%	(40.4%-51.0%)	45.4%	(40.0%-50.9%)	41.3%	(36.8%-45.9%)	43.2%	(37.4%-49.1%)	36.0%	(30.4%-42.1%)
Race										
Native Hawaiian	44.8%	(39.6%-50.1%)	41.9%	(35.7%-48.4%)	40.0%	(35.7%-44.4%)	39.2%	(34.2%-44.5%)	40.8%	(37.5%-44.2%)
Other Pacific Islander	37.2%	(29.4%-45.7%)	41.9%	(33.0%-51.4%)	28.7%	(22.7%-35.6%)	30.3%	(24.1%-37.2%)	23.1%	(15.5%-32.9%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	46.0%	(40.4%-51.7%)	35.5%	(29.2%-42.3%)	38.4%	(31.4%-45.9%)	37.0%	(31.8%-42.5%)	27.9%	(23.2%-33.1%)
Filipino	31.8%	(26.0%-38.1%)	25.8%	(20.6%-31.8%)	24.2%	(19.9%-29.2%)	23.3%	(18.9%-28.4%)	23.8%	(19.9%-28.1%)
Japanese	23.7%	(17.0%-32.1%)	17.7%	(11.9%-25.6%)	23.2%	(16.2%-32.0%)	14.2%	(8.0%-24.0%)	10.2%	(4.3%-22.1%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	36.6%	(32.0%-41.5%)	33.8%	(30.2%-37.5%)	35.1%	(31.6%-38.7%)	31.1%	(27.4%-35.0%)	35.8%	(32.6%-39.1%)
Other Asian	13.1%	(6.3%-25.0%)	13.8%	(7.9%-23.2%)	11.9%	(8.2%-17.1%)	19.7%	(12.4%-29.7%)	14.2%	(10.0%-19.6%)

Table 43. Current marijuana use among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	21.9%	(19.2%-25.0%)	18.9%	(16.1%-22.0%)	19.4%	(17.5%-21.5%)	18.1%	(16.0%-20.4%)	17.2%	(15.0%-19.5%)
County										
Kauai County			22.7%	(19.4%-26.3%)	21.3%	(18.3%-24.6%)	20.9%	(18.5%-23.5%)	21.5%	(18.6%-24.7%)
Honolulu County			16.5%	(12.6%-21.3%)	18.1%	(15.6%-21.0%)	15.8%	(13.0%-19.0%)	14.0%	(11.1%-17.6%)
Maui County			24.6%	(21.7%-27.8%)	22.3%	(19.2%-25.7%)	23.1%	(20.4%-26.1%)	25.1%	(22.2%-28.2%)
Hawaii County			23.6%	(20.2%-27.3%)	22.6%	(19.8%-25.7%)	24.1%	(21.3%-27.1%)	23.4%	(20.5%-26.6%)
Sex										
Female	21.1%	(17.7%-24.8%)	18.0%	(14.9%-21.5%)	18.6%	(16.2%-21.2%)	16.8%	(14.5%-19.4%)	18.0%	(15.4%-20.9%)
Male	22.9%	(20.1%-26.0%)	19.7%	(16.3%-23.5%)	20.0%	(17.2%-23.0%)	18.7%	(16.1%-21.5%)	15.8%	(13.5%-18.3%)
Sexual Orientation										
Bisexual	39.8%	(30.9%-49.4%)	36.4%	(27.7%-46.0%)	28.0%	(22.5%-34.3%)	27.6%	(22.8%-33.0%)	21.4%	(13.6%-32.0%)
Gay or lesbian	**	(**_**)	**	(**_**)	28.9%	(19.5%-40.6%)	27.8%	(20.1%-37.1%)	14.9%	(9.4%-22.8%)
Heterosexual	20.4%	(17.7%-23.4%)	17.4%	(14.8%-20.3%)	17.7%	(15.8%-19.8%)	16.1%	(14.1%-18.3%)	16.9%	(14.9%-19.2%)
Not sure	22.3%	(14.0%-33.6%)	20.0%	(12.0%-31.4%)	21.0%	(13.6%-31.0%)	18.6%	(12.4%-27.0%)	12.6%	(8.6%-18.0%)
Grade										
9th grade	19.2%	(14.9%-24.5%)	16.2%	(12.8%-20.4%)	13.1%	(10.2%-16.6%)	14.8%	(12.3%-17.6%)	11.8%	(9.3%-14.8%)
10th grade	19.7%	(17.0%-22.7%)	16.2%	(13.2%-19.8%)	20.4%	(16.3%-25.2%)	17.4%	(14.0%-21.5%)	16.7%	(14.0%-19.8%)
11th grade	24.1%	(16.6%-33.6%)	20.3%	(16.2%-25.2%)	21.5%	(17.8%-25.7%)	17.2%	(14.3%-20.5%)	20.3%	(17.7%-23.2%)
12th grade	25.4%	(21.9%-29.3%)	22.9%	(18.4%-28.2%)	23.4%	(19.7%-27.6%)	23.1%	(18.9%-27.9%)	19.9%	(15.6%-25.1%)
Race										
Native Hawaiian	30.0%	(24.9%-35.6%)	28.7%	(23.2%-35.0%)	28.8%	(25.3%-32.5%)	26.3%	(22.7%-30.3%)	25.7%	(22.9%-28.8%)
Other Pacific Islander	16.8%	(11.1%-24.7%)	25.3%	(17.6%-35.1%)	22.0%	(16.5%-28.7%)	21.6%	(16.4%-27.9%)	17.6%	(11.9%-25.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	24.8%	(18.6%-32.3%)	23.2%	(18.4%-28.8%)	22.9%	(19.2%-27.0%)	19.3%	(16.3%-22.8%)	17.1%	(12.7%-22.5%)
Filipino	17.4%	(13.4%-22.4%)	9.4%	(7.2%-12.3%)	11.6%	(8.3%-16.1%)	10.9%	(8.2%-14.4%)	11.4%	(8.7%-14.8%)
Japanese	9.6%	(5.3%-16.8%)	10.4%	(4.9%-20.8%)	10.1%	(5.7%-17.2%)	9.6%	(4.6%-18.8%)	4.4%	(1.2%-15.5%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	22.3%	(18.7%-26.5%)	19.9%	(17.0%-23.1%)	22.5%	(19.7%-25.6%)	19.1%	(16.1%-22.4%)	23.0%	(20.7%-25.5%)
Other Asian	9.0%	(3.5%-21.1%)	7.7%	(3.8%-15.3%)	5.4%	(2.7%-10.7%)	8.0%	(4.7%-13.5%)	3.4%	(1.3%-8.7%)

Table 44. Marijuana use before age 13 among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	9.5%	(8.1%-11.1%)	10.4%	(8.8%-12.3%)	9.5%	(8.0%-11.3%)	9.1%	(7.4%-11.0%)	6.9%	(5.8%-8.3%)
County										
Kauai County			12.5%	(10.1%-15.4%)	12.6%	(10.6%-14.8%)	9.8%	(7.8%-12.1%)	9.2%	(7.6%-11.2%)
Honolulu County			9.0%	(6.8%-11.9%)	7.4%	(5.4%-9.9%)	7.3%	(5.1%-10.2%)	5.1%	(3.6%-7.1%)
Maui County			12.4%	(9.9%-15.5%)	13.5%	(11.2%-16.0%)	12.3%	(9.8%-15.3%)	10.5%	(8.5%-12.8%)
Hawaii County			14.5%	(11.9%-17.6%)	15.5%	(13.3%-17.9%)	14.9%	(12.8%-17.3%)	11.9%	(10.2%-13.9%)
Sex										
Female	7.5%	(6.0%-9.3%)	9.2%	(7.5%-11.3%)	7.2%	(5.9%-8.8%)	7.3%	(5.9%-9.1%)	6.1%	(4.7%-7.7%)
Male	11.6%	(9.7%-13.9%)	11.5%	(9.3%-14.1%)	11.6%	(9.6%-13.9%)	10.6%	(8.3%-13.5%)	7.2%	(5.5%-9.3%)
Sexual Orientation										
Bisexual	18.4%	(11.0%-29.1%)	20.1%	(12.9%-29.9%)	15.3%	(10.7%-21.3%)	17.6%	(12.0%-25.0%)	9.1%	(5.7%-14.3%)
Gay or lesbian	**	(**_**)	**	(**_**)	28.7%	(19.2%-40.6%)	25.3%	(16.3%-37.0%)	11.0%	(6.3%-18.3%)
Heterosexual	8.0%	(6.8%-9.5%)	9.3%	(7.8%-11.1%)	7.6%	(6.2%-9.3%)	7.0%	(5.9%-8.4%)	6.2%	(5.1%-7.5%)
Not sure	13.2%	(7.1%-23.2%)	12.7%	(5.9%-25.4%)	14.7%	(7.9%-25.7%)	13.7%	(7.6%-23.3%)	8.5%	(5.2%-13.7%)
Grade										
9th grade	10.9%	(8.7%-13.5%)	11.1%	(8.6%-14.3%)	7.7%	(5.6%-10.5%)	8.4%	(6.9%-10.3%)	7.4%	(5.7%-9.5%)
10th grade	8.7%	(6.4%-11.6%)	9.6%	(6.8%-13.2%)	11.2%	(8.4%-14.7%)	9.3%	(6.3%-13.4%)	6.7%	(4.9%-9.2%)
11th grade	8.3%	(5.5%-12.3%)	10.2%	(7.6%-13.6%)	9.6%	(7.5%-12.2%)	7.7%	(5.8%-10.1%)	6.1%	(4.6%-7.9%)
12th grade	9.5%	(7.3%-12.2%)	9.8%	(7.3%-13.1%)	8.6%	(6.5%-11.3%)	10.2%	(7.6%-13.6%)	6.0%	(4.1%-8.6%)
Race										
Native Hawaiian	15.3%	(11.8%-19.6%)	19.6%	(16.9%-22.7%)	17.4%	(14.7%-20.5%)	15.8%	(12.9%-19.2%)	12.0%	(10.3%-13.8%)
Other Pacific Islander	11.4%	(5.4%-22.6%)	14.9%	(9.1%-23.5%)	13.9%	(9.2%-20.3%)	13.5%	(8.5%-20.7%)	7.5%	(4.1%-13.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	7.9%	(5.3%-11.7%)	10.2%	(6.9%-14.9%)	7.5%	(5.0%-11.1%)	10.2%	(6.5%-15.7%)	4.9%	(3.4%-7.0%)
Filipino	5.2%	(3.4%-7.8%)	4.4%	(2.9%-6.5%)	5.5%	(3.9%-7.7%)	2.9%	(1.8%-4.7%)	2.8%	(1.6%-5.0%)
Japanese	5.7%	(2.9%-10.9%)	3.9%	(1.5%-9.3%)	3.5%	(1.6%-7.6%)	2.2%	(0.5%-9.3%)	1.5%	(0.3%-6.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	10.5%	(8.4%-13.1%)	10.3%	(8.0%-13.1%)	10.1%	(7.6%-13.5%)	9.1%	(7.6%-11.0%)	10.6%	(9.1%-12.3%)
Other Asian	2.2%	(0.5%-8.3%)	3.5%	(1.3%-8.8%)	2.6%	(1.1%-6.1%)	2.8%	(1.1%-6.8%)	0.4%	(0.1%-1.5%)

Table 45. Ever used marijuana among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	36.3%	(33.0%-39.7%)	34.9%	(30.9%-39.2%)	32.6%	(30.0%-35.3%)	31.1%	(28.2%-34.2%)	29.9%	(26.7%-33.3%)
County										
Kauai County			36.0%	(31.7%-40.5%)	36.3%	(32.1%-40.7%)	34.2%	(30.9%-37.6%)	35.4%	(31.7%-39.3%)
Honolulu County			31.9%	(25.8%-38.7%)	29.8%	(26.3%-33.5%)	27.5%	(23.6%-31.8%)	24.9%	(20.6%-29.7%)
Maui County			42.5%	(38.3%-46.9%)	37.8%	(33.3%-42.4%)	37.9%	(34.4%-41.6%)	41.8%	(38.3%-45.5%)
Hawaii County			42.4%	(38.1%-46.8%)	40.7%	(37.2%-44.2%)	41.6%	(38.0%-45.4%)	41.6%	(37.9%-45.4%)
Sex										
Female	36.8%	(32.4%-41.4%)	33.5%	(29.3%-37.8%)	32.5%	(29.2%-36.0%)	30.8%	(27.6%-34.2%)	32.4%	(28.4%-36.8%)
Male	35.8%	(32.2%-39.7%)	36.1%	(31.6%-40.7%)	32.4%	(29.3%-35.7%)	30.8%	(27.0%-34.9%)	27.2%	(23.7%-31.1%)
Sexual Orientation										
Bisexual	62.6%	(53.5%-70.8%)	59.8%	(49.8%-69.0%)	44.9%	(37.2%-52.7%)	49.4%	(42.8%-55.9%)	41.7%	(32.9%-51.0%)
Gay or lesbian	**	(**_**)	**	(**_**)	44.7%	(33.4%-56.5%)	48.5%	(39.0%-58.2%)	31.8%	(20.7%-45.6%)
Heterosexual	34.7%	(31.2%-38.3%)	33.4%	(29.6%-37.4%)	30.9%	(28.3%-33.7%)	28.2%	(25.5%-31.2%)	29.5%	(26.2%-33.0%)
Not sure	27.0%	(18.6%-37.4%)	30.3%	(20.9%-41.7%)	29.9%	(21.8%-39.6%)	30.7%	(22.9%-39.7%)	18.0%	(12.7%-24.8%)
Grade										
9th grade	25.7%	(21.1%-30.8%)	26.5%	(22.4%-31.0%)	20.6%	(16.8%-25.0%)	23.4%	(19.7%-27.5%)	19.9%	(16.8%-23.4%)
10th grade	34.1%	(30.0%-38.6%)	30.4%	(25.2%-36.1%)	32.6%	(27.8%-37.7%)	31.2%	(26.1%-37.0%)	28.3%	(24.2%-32.7%)
11th grade	42.3%	(33.7%-51.4%)	37.9%	(32.1%-44.1%)	36.8%	(31.9%-42.1%)	30.0%	(26.5%-33.7%)	34.7%	(31.0%-38.6%)
12th grade	45.4%	(41.0%-49.9%)	46.1%	(39.1%-53.2%)	43.0%	(37.5%-48.6%)	41.1%	(35.1%-47.4%)	38.8%	(32.2%-45.7%)
Race										
Native Hawaiian	51.1%	(47.0%-55.2%)	50.5%	(46.3%-54.7%)	47.0%	(43.2%-50.8%)	43.0%	(37.7%-48.5%)	41.3%	(37.2%-45.6%)
Other Pacific Islander	33.6%	(24.3%-44.4%)	41.3%	(33.2%-49.9%)	37.4%	(29.7%-45.8%)	37.8%	(28.7%-47.7%)	28.7%	(20.6%-38.4%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	39.3%	(32.8%-46.1%)	35.9%	(28.5%-44.0%)	34.7%	(29.9%-39.9%)	36.3%	(31.6%-41.3%)	33.4%	(28.2%-38.9%)
Filipino	27.6%	(22.5%-33.5%)	24.3%	(20.0%-29.3%)	21.8%	(17.2%-27.1%)	19.5%	(15.7%-23.8%)	20.7%	(17.0%-24.9%)
Japanese	20.6%	(13.6%-30.0%)	18.4%	(10.1%-31.1%)	19.3%	(13.2%-27.2%)	16.6%	(9.0%-28.6%)	13.1%	(6.5%-24.9%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	38.2%	(33.3%-43.5%)	40.2%	(35.7%-44.7%)	38.5%	(34.9%-42.3%)	33.8%	(29.4%-38.6%)	39.1%	(36.0%-42.3%)
Other Asian	12.5%	(6.8%-21.8%)	15.6%	(10.5%-22.5%)	13.9%	(9.6%-19.6%)	16.7%	(11.8%-23.2%)	12.7%	(7.5%-20.6%)

Table 46. Consumed marijuana in the past 30 days by smoking it among public high school students by county, sex, sexual orientation, grade, and race in 2015-2019

	2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	83.2%	(79.9%-86.1%)	76.2%	(71.8%-80.1%)	54.4%	(48.9%-59.8%)
County						
Kauai County	79.7%	(72.7%-85.4%)	81.1%	(74.3%-86.4%)	55.8%	(49.2%-62.1%)
Honolulu County	86.5%	(81.7%-90.2%)	76.4%	(69.2%-82.3%)	42.5%	(34.3%-51.2%)
Maui County	79.6%	(73.3%-84.7%)	76.3%	(69.7%-81.9%)	72.2%	(66.2%-77.5%)
Hawaii County	75.4%	(68.8%-81.0%)	73.5%	(67.6%-78.6%)	71.1%	(64.6%-76.8%)
Sex						
Female	87.6%	(83.1%-91.0%)	80.7%	(76.0%-84.7%)	52.9%	(44.1%-61.4%)
Male	80.5%	(75.2%-84.9%)	74.5%	(67.6%-80.3%)	58.4%	(50.2%-66.1%)
Sexual Orientation						
Bisexual	75.2%	(56.7%-87.6%)	71.3%	(61.7%-79.3%)	56.3%	(24.3%-83.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	88.0%	(85.2%-90.2%)	81.4%	(78.0%-84.4%)	56.2%	(50.9%-61.5%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	78.6%	(70.1%-85.2%)	75.7%	(68.0%-82.1%)	57.9%	(48.2%-67.0%)
10th grade	90.6%	(86.0%-93.8%)	79.1%	(71.9%-84.9%)	56.6%	(49.5%-63.4%)
11th grade	84.6%	(77.3%-89.9%)	79.0%	(73.3%-83.7%)	51.0%	(44.2%-57.8%)
12th grade	82.5%	(74.6%-88.3%)	75.8%	(64.7%-84.2%)	55.6%	(40.8%-69.6%)
Race						
Native Hawaiian	85.8%	(82.1%-88.8%)	78.3%	(72.8%-83.1%)	62.6%	(56.4%-68.3%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	89.3%	(74.6%-95.9%)	82.6%	(70.5%-90.4%)	55.8%	(37.4%-72.8%)
Filipino	79.2%	(67.5%-87.5%)	81.5%	(70.7%-89.0%)	47.0%	(32.3%-62.2%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	83.1%	(78.4%-86.9%)	76.5%	(69.2%-82.5%)	54.6%	(48.5%-60.5%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 47. Consumed marijuana in the past 30 days by eating it among public high school students by county, sex, sexual orientation, grade, and race in 2015-2019

	2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	8.7%	(6.6%-11.4%)	10.3%	(8.0%-13.0%)	10.7%	(8.5%-13.3%)
County						
Kauai County	9.2%	(5.7%-14.6%)	9.3%	(6.0%-14.1%)	8.3%	(5.2%-13.0%)
Honolulu County	7.5%	(4.7%-11.7%)	9.9%	(6.6%-14.5%)	11.0%	(7.6%-15.6%)
Maui County	12.4%	(8.5%-17.7%)	10.4%	(7.3%-14.7%)	7.4%	(4.8%-11.4%)
Hawaii County	9.6%	(6.7%-13.5%)	11.8%	(8.6%-15.9%)	13.3%	(9.7%-18.0%)
Sex						
Female	7.6%	(5.2%-11.0%)	10.3%	(7.4%-14.2%)	9.6%	(7.2%-12.6%)
Male	9.4%	(6.1%-14.2%)	9.9%	(6.4%-14.9%)	10.9%	(7.9%-15.0%)
Sexual Orientation						
Bisexual	10.2%	(3.1%-28.4%)	18.9%	(11.5%-29.5%)	4.1%	(1.6%-10.2%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	7.1%	(5.1%-9.6%)	7.3%	(5.7%-9.4%)	9.6%	(7.4%-12.4%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	10.9%	(7.0%-16.7%)	11.9%	(8.3%-16.6%)	11.2%	(6.8%-18.1%)
10th grade	5.0%	(3.0%-8.2%)	8.8%	(6.0%-12.8%)	11.9%	(7.8%-17.8%)
11th grade	9.5%	(5.4%-16.0%)	8.5%	(5.5%-13.0%)	12.1%	(9.2%-15.7%)
12th grade	9.7%	(5.7%-15.9%)	11.2%	(6.3%-19.2%)	5.0%	(2.8%-8.9%)
Race						
Native Hawaiian	7.7%	(5.5%-10.7%)	11.1%	(7.8%-15.4%)	9.2%	(6.3%-13.1%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	5.7%	(1.6%-17.9%)	3.6%	(1.4%-8.7%)	8.3%	(3.1%-20.0%)
Filipino	12.8%	(6.1%-24.8%)	9.6%	(4.3%-19.8%)	11.7%	(6.4%-20.4%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	6.9%	(4.5%-10.6%)	11.9%	(8.0%-17.4%)	12.0%	(8.8%-16.1%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 48. Consumed marijuana in the past 30 days by drinking it among public high school students by county, sex, sexual orientation, grade, and race in 2015-2019

	2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	2.6%	(1.7%-3.9%)	6.1%	(4.3%-8.6%)	1.5%	(0.8%-2.9%)
County						
Kauai County	3.6%	(1.7%-7.6%)	2.5%	(1.0%-6.4%)	2.5%	(1.2%-5.2%)
Honolulu County	1.7%	(0.8%-3.5%)	6.8%	(4.1%-11.1%)	1.6%	(0.6%-4.4%)
Maui County	1.8%	(0.7%-4.3%)	6.1%	(3.7%-10.0%)	1.2%	(0.4%-3.7%)
Hawaii County	6.3%	(3.4%-11.3%)	4.8%	(2.7%-8.6%)	1.2%	(0.4%-3.1%)
Sex						
Female	1.7%	(0.7%-4.0%)	3.6%	(1.9%-6.6%)	0.4%	(0.2%-0.8%)
Male	2.9%	(1.9%-4.4%)	6.2%	(4.2%-9.0%)	2.6%	(1.3%-5.2%)
Sexual Orientation						
Bisexual	8.6%	(2.8%-23.2%)	4.9%	(2.1%-10.9%)	0.4%	(0.1%-1.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	0.9%	(0.5%-1.8%)	4.2%	(2.7%-6.7%)	1.5%	(0.7%-3.3%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	5.1%	(2.3%-11.0%)	3.5%	(1.9%-6.2%)	1.4%	(0.4%-4.3%)
10th grade	1.8%	(0.7%-4.4%)	5.4%	(2.8%-10.3%)	1.2%	(0.5%-2.7%)
11th grade	2.0%	(0.9%-4.3%)	5.3%	(2.8%-9.7%)	2.3%	(0.7%-7.4%)
12th grade	0.7%	(0.3%-2.0%)	7.2%	(3.9%-12.8%)	1.1%	(0.2%-7.3%)
Race						
Native Hawaiian	1.6%	(0.7%-3.6%)	3.3%	(2.0%-5.5%)	1.6%	(0.6%-4.1%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	0.6%	(0.1%-4.6%)	5.5%	(1.8%-16.0%)	3.7%	(0.7%-16.3%)
Filipino	1.7%	(0.4%-7.5%)	6.2%	(2.6%-14.1%)	0.5%	(0.1%-3.5%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	4.9%	(2.9%-8.2%)	4.2%	(1.9%-8.8%)	1.8%	(0.9%-3.3%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 49. Consumed marijuana in the past 30 days by vaping it among public high school students by county, sex, sexual orientation, grade, and race in 2015-2019

	2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	2.6%	(1.5%-4.4%)	2.3%	(1.4%-3.9%)	13.2%	(10.6%-16.2%)
County						
Kauai County	2.7%	(1.1%-6.2%)	3.0%	(1.3%-6.9%)	13.2%	(9.4%-18.3%)
Honolulu County	2.5%	(1.1%-5.7%)	1.5%	(0.5%-4.5%)	17.0%	(12.5%-22.5%)
Maui County	3.3%	(1.7%-6.3%)	2.1%	(0.7%-6.1%)	9.9%	(7.1%-13.6%)
Hawaii County	2.5%	(1.2%-5.4%)	5.2%	(2.7%-9.6%)	5.6%	(3.3%-9.4%)
Sex						
Female	1.5%	(0.4%-5.2%)	2.0%	(1.0%-3.8%)	13.1%	(8.8%-19.0%)
Male	3.1%	(1.7%-5.8%)	2.6%	(1.3%-5.1%)	11.8%	(8.5%-16.2%)
Sexual Orientation						
Bisexual	1.0%	(0.3%-3.7%)	2.7%	(1.0%-7.2%)	3.0%	(1.2%-7.3%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	2.0%	(1.0%-4.0%)	2.0%	(1.0%-4.2%)	13.6%	(10.6%-17.3%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	1.4%	(0.4%-4.1%)	3.1%	(1.4%-6.6%)	13.0%	(7.9%-20.7%)
10th grade	1.3%	(0.6%-2.8%)	1.9%	(0.7%-5.0%)	11.3%	(6.6%-18.7%)
11th grade	1.6%	(0.6%-4.1%)	2.4%	(0.9%-6.2%)	16.4%	(11.4%-22.9%)
12th grade	3.5%	(1.2%-9.6%)	1.9%	(0.6%-5.6%)	9.5%	(5.8%-15.1%)
Race						
Native Hawaiian	2.1%	(0.9%-4.8%)	2.2%	(0.7%-6.4%)	13.3%	(10.2%-17.2%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	0.8%	(0.1%-5.9%)	3.2%	(1.2%-8.6%)	8.4%	(3.2%-20.1%)
Filipino	5.0%	(1.5%-15.8%)	0.6%	(0.1%-2.2%)	14.3%	(8.0%-24.4%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	2.2%	(1.1%-4.3%)	2.8%	(1.2%-6.6%)	10.8%	(7.7%-15.0%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 50. Consumed marijuana in the past 30 days by some other way among public high school students by county, sex, sexual orientation, grade, and race in 2015-2019

	2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	2.9%	(1.9%-4.4%)	5.1%	(3.5%-7.4%)	20.3%	(14.9%-26.9%)
County						
Kauai County	4.7%	(2.6%-8.3%)	4.1%	(2.3%-7.1%)	20.2%	(16.0%-25.2%)
Honolulu County	1.8%	(0.7%-4.3%)	5.4%	(3.1%-9.3%)	27.9%	(19.0%-39.0%)
Maui County	3.0%	(1.7%-5.2%)	5.0%	(2.6%-9.2%)	9.2%	(6.6%-12.8%)
Hawaii County	6.2%	(3.7%-10.4%)	4.8%	(2.8%-8.0%)	8.9%	(5.9%-13.2%)
Sex						
Female	1.5%	(0.8%-2.8%)	3.4%	(2.0%-5.9%)	24.1%	(15.1%-36.2%)
Male	4.0%	(2.3%-6.8%)	6.9%	(4.3%-10.7%)	16.2%	(11.2%-23.0%)
Sexual Orientation						
Bisexual	5.0%	(1.8%-12.9%)	2.2%	(0.8%-5.8%)	36.1%	(10.7%-72.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	2.1%	(1.4%-3.2%)	5.0%	(3.2%-7.6%)	19.1%	(14.3%-25.0%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)
Grade						
9th grade	4.0%	(2.0%-7.7%)	5.8%	(2.7%-12.2%)	16.5%	(10.3%-25.2%)
10th grade	1.3%	(0.6%-2.8%)	4.7%	(2.0%-10.5%)	19.1%	(13.0%-27.0%)
11th grade	2.2%	(1.0%-4.7%)	4.8%	(2.6%-8.9%)	18.2%	(12.3%-26.2%)
12th grade	3.6%	(1.5%-8.6%)	3.9%	(1.8%-8.3%)	28.7%	(17.3%-43.7%)
Race						
Native Hawaiian	2.8%	(1.5%-5.3%)	5.1%	(2.7%-9.2%)	13.3%	(10.3%-17.0%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	3.6%	(0.7%-16.6%)	5.0%	(1.3%-17.1%)	23.9%	(8.5%-51.4%)
Filipino	1.2%	(0.3%-4.1%)	2.2%	(0.3%-13.6%)	26.5%	(13.3%-45.8%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	2.9%	(1.5%-5.6%)	4.5%	(2.8%-7.3%)	20.9%	(15.9%-26.9%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)

Table 51. Ever used synthetic marijuana among public high school students by county, sex, sexual orientation, grade, and race in 2015-2017

	2015		2017	
	%	95% CI	%	95% CI
Hawaii State				
Overall	7.5%	(6.3%-8.9%)	6.3%	(5.1%-7.7%)
County				
Kauai County	8.2%	(6.3%-10.6%)	7.6%	(6.0%-9.6%)
Honolulu County	6.9%	(5.3%-9.0%)	5.4%	(3.9%-7.6%)
Maui County	9.5%	(7.8%-11.5%)	7.9%	(6.3%-10.0%)
Hawaii County	8.3%	(6.3%-10.8%)	8.7%	(7.0%-10.8%)
Sex				
Female	5.7%	(4.4%-7.2%)	3.7%	(2.8%-4.8%)
Male	8.8%	(7.5%-10.3%)	8.0%	(6.1%-10.5%)
Sexual Orientation				
Bisexual	12.3%	(8.2%-18.1%)	13.4%	(8.9%-19.6%)
Gay or lesbian	20.4%	(14.2%-28.2%)	22.2%	(14.8%-31.9%)
Heterosexual	5.6%	(4.7%-6.8%)	4.2%	(3.3%-5.2%)
Not sure	14.9%	(8.9%-24.0%)	11.6%	(7.7%-17.0%)
Grade				
9th grade	5.3%	(3.9%-7.1%)	5.7%	(3.7%-8.6%)
10th grade	7.0%	(5.2%-9.4%)	5.8%	(3.9%-8.4%)
11th grade	7.4%	(5.6%-9.8%)	4.9%	(3.7%-6.5%)
12th grade	9.5%	(6.9%-12.9%)	7.2%	(4.9%-10.5%)
Race				
Native Hawaiian	10.0%	(8.0%-12.4%)	8.7%	(6.4%-11.7%)
Other Pacific Islander	5.7%	(3.4%-9.3%)	7.8%	(4.1%-14.4%)
Black	**	(**_**)	**	(**_**)
Caucasian	6.4%	(3.9%-10.4%)	6.8%	(4.2%-10.7%)
Filipino	4.4%	(2.8%-6.9%)	2.4%	(1.4%-4.3%)
Japanese	5.3%	(2.9%-9.4%)	2.2%	(0.7%-6.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)
Other	9.6%	(7.7%-11.9%)	6.7%	(5.5%-8.2%)
Other Asian	3.1%	(1.6%-6.1%)	2.1%	(0.7%-6.6%)

Table 52. Ever used cocaine among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	6.4%	(5.1%-8.1%)	6.5%	(5.3%-8.0%)	5.7%	(4.8%-6.7%)	7.1%	(5.9%-8.6%)	5.8%	(4.9%-6.9%)
County										
Kauai County			7.1%	(5.1%-9.8%)	7.4%	(5.7%-9.5%)	8.5%	(6.6%-10.8%)	7.6%	(5.9%-9.8%)
Honolulu County			6.3%	(4.7%-8.5%)	5.1%	(3.9%-6.6%)	6.6%	(4.9%-8.9%)	5.1%	(3.8%-6.7%)
Maui County			6.3%	(4.7%-8.4%)	6.3%	(4.8%-8.3%)	8.7%	(6.8%-11.1%)	7.3%	(6.0%-8.8%)
Hawaii County			7.5%	(5.6%-10.0%)	7.4%	(5.6%-9.7%)	7.5%	(5.9%-9.4%)	7.4%	(5.5%-10.0%)
Sex										
Female	5.6%	(4.3%-7.4%)	6.5%	(4.8%-8.6%)	4.1%	(3.0%-5.6%)	4.5%	(3.6%-5.8%)	4.1%	(3.0%-5.4%)
Male	7.0%	(5.5%-8.9%)	6.5%	(4.9%-8.6%)	7.0%	(5.8%-8.5%)	8.6%	(6.9%-10.7%)	6.9%	(5.7%-8.2%)
Sexual Orientation										
Bisexual	18.2%	(11.0%-28.7%)	15.5%	(10.4%-22.6%)	12.3%	(7.6%-19.2%)	12.0%	(8.2%-17.4%)	5.3%	(2.9%-9.4%)
Gay or lesbian	**	(**_**)	**	(**_**)	16.5%	(10.3%-25.4%)	22.0%	(14.8%-31.4%)	9.8%	(5.5%-16.9%)
Heterosexual	5.0%	(3.9%-6.4%)	4.7%	(3.5%-6.3%)	4.1%	(3.4%-4.9%)	5.2%	(4.2%-6.5%)	5.4%	(4.4%-6.6%)
Not sure	11.4%	(5.9%-20.8%)	15.2%	(7.7%-27.7%)	10.6%	(6.3%-17.2%)	9.7%	(6.1%-15.0%)	8.2%	(5.2%-12.6%)
Grade										
9th grade	4.6%	(3.1%-6.7%)	5.1%	(3.7%-6.9%)	3.3%	(2.3%-4.8%)	5.7%	(3.9%-8.2%)	3.7%	(2.5%-5.5%)
10th grade	4.2%	(2.9%-6.1%)	4.5%	(2.9%-6.9%)	6.5%	(4.7%-9.0%)	5.9%	(4.1%-8.3%)	5.4%	(3.7%-7.9%)
11th grade	9.1%	(5.8%-13.9%)	6.7%	(4.7%-9.4%)	5.1%	(3.8%-6.8%)	5.8%	(4.6%-7.3%)	5.5%	(3.9%-7.7%)
12th grade	8.2%	(6.2%-10.7%)	9.3%	(6.4%-13.3%)	7.4%	(5.8%-9.4%)	9.8%	(6.9%-13.8%)	7.3%	(5.3%-9.9%)
Race										
Native Hawaiian	5.0%	(3.3%-7.5%)	8.2%	(6.5%-10.3%)	7.8%	(6.2%-9.7%)	9.3%	(7.3%-11.8%)	7.5%	(5.5%-10.1%)
Other Pacific Islander	8.6%	(5.6%-12.9%)	5.2%	(2.7%-9.7%)	3.5%	(1.8%-6.6%)	6.1%	(3.1%-11.4%)	7.6%	(3.8%-14.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	11.4%	(7.8%-16.4%)	9.6%	(6.5%-13.9%)	7.7%	(5.1%-11.4%)	9.1%	(6.1%-13.2%)	8.0%	(5.4%-11.9%)
Filipino	4.6%	(2.9%-7.1%)	3.1%	(1.6%-5.9%)	2.1%	(1.1%-3.9%)	2.8%	(1.7%-4.4%)	2.0%	(1.2%-3.4%)
Japanese	5.3%	(2.5%-10.8%)	8.0%	(3.4%-17.7%)	4.2%	(1.8%-9.5%)	5.1%	(1.8%-13.3%)	3.5%	(0.9%-11.9%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	5.8%	(4.2%-8.0%)	6.7%	(4.9%-8.9%)	7.4%	(5.9%-9.2%)	7.2%	(5.7%-9.1%)	6.9%	(5.6%-8.5%)
Other Asian	3.6%	(1.5%-8.3%)	1.4%	(0.4%-4.8%)	1.5%	(0.6%-3.6%)	2.2%	(0.7%-6.6%)	0.7%	(0.1%-3.7%)

Table 53. Ever used hallucinogenics among public high school students by county, sex, sexual orientation, grade, and race for years 2013-2017

	2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	6.0%	(5.1%-7.1%)	8.1%	(6.8%-9.5%)	7.6%	(6.4%-8.9%)
County						
Kauai County	7.6%	(5.4%-10.6%)	8.2%	(6.7%-10.1%)	8.6%	(6.8%-10.9%)
Honolulu County	5.0%	(3.8%-6.5%)	7.3%	(5.6%-9.4%)	6.3%	(4.7%-8.3%)
Maui County	8.2%	(6.3%-10.5%)	9.5%	(7.8%-11.4%)	10.4%	(8.4%-12.7%)
Hawaii County	8.7%	(6.6%-11.3%)	10.6%	(8.2%-13.7%)	10.9%	(8.9%-13.3%)
Sex						
Female	5.9%	(4.6%-7.4%)	6.7%	(5.0%-8.9%)	5.0%	(3.9%-6.4%)
Male	5.8%	(4.8%-7.1%)	8.8%	(7.4%-10.5%)	9.1%	(7.3%-11.3%)
Sexual Orientation						
Bisexual	14.5%	(9.8%-21.1%)	14.6%	(10.7%-19.7%)	16.3%	(11.5%-22.6%)
Gay or lesbian	**	(**_**)	24.9%	(16.1%-36.5%)	22.3%	(16.1%-30.2%)
Heterosexual	4.3%	(3.5%-5.3%)	5.8%	(4.7%-7.1%)	5.2%	(4.2%-6.3%)
Not sure	14.0%	(7.7%-24.1%)	15.6%	(9.2%-25.3%)	11.5%	(7.9%-16.4%)
Grade						
9th grade	5.0%	(3.7%-6.7%)	5.6%	(4.3%-7.4%)	6.7%	(5.0%-8.8%)
10th grade	4.0%	(2.8%-5.7%)	7.2%	(5.3%-9.8%)	6.0%	(4.3%-8.3%)
11th grade	8.1%	(6.3%-10.3%)	8.2%	(5.7%-11.6%)	7.2%	(5.4%-9.5%)
12th grade	6.2%	(4.4%-8.7%)	10.7%	(8.3%-13.8%)	8.7%	(6.9%-11.1%)
Race						
Native Hawaiian	6.3%	(4.6%-8.6%)	7.8%	(6.4%-9.6%)	8.7%	(6.9%-10.9%)
Other Pacific Islander	6.0%	(2.6%-12.9%)	2.9%	(1.4%-5.7%)	7.0%	(3.8%-12.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	10.0%	(6.5%-15.3%)	10.7%	(7.1%-15.9%)	11.4%	(8.3%-15.6%)
Filipino	1.8%	(1.0%-3.4%)	5.8%	(4.2%-8.0%)	3.3%	(2.0%-5.7%)
Japanese	4.8%	(1.8%-12.3%)	7.6%	(4.7%-11.9%)	2.5%	(0.9%-6.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	8.3%	(6.5%-10.6%)	9.0%	(7.3%-11.0%)	8.3%	(7.0%-9.8%)
Other Asian	1.6%	(0.5%-5.0%)	2.7%	(1.4%-5.4%)	2.0%	(0.6%-6.5%)

Table 54. Ever used ecstasy among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	9.0%	(7.5%-10.8%)	8.0%	(6.3%-10.2%)	8.0%	(6.7%-9.4%)	6.0%	(5.0%-7.1%)	4.5%	(3.9%-5.2%)
County										
Kauai County			5.6%	(3.9%-8.1%)	8.5%	(6.6%-11.0%)	6.1%	(4.7%-7.9%)	5.2%	(4.0%-6.9%)
Honolulu County			8.4%	(6.0%-11.7%)	7.6%	(5.8%-9.7%)	5.6%	(4.2%-7.3%)	3.9%	(3.1%-4.8%)
Maui County			7.0%	(5.4%-9.0%)	8.1%	(6.4%-10.3%)	7.0%	(5.4%-9.0%)	5.8%	(4.6%-7.3%)
Hawaii County			8.2%	(5.9%-11.1%)	9.7%	(7.2%-12.9%)	7.2%	(5.5%-9.3%)	6.3%	(4.8%-8.3%)
Sex										
Female	9.0%	(7.0%-11.5%)	7.0%	(5.5%-8.8%)	6.8%	(5.4%-8.5%)	4.4%	(3.6%-5.5%)	3.0%	(2.3%-3.9%)
Male	8.8%	(7.2%-10.8%)	8.9%	(6.4%-12.2%)	8.5%	(7.0%-10.4%)	7.0%	(5.3%-9.3%)	5.7%	(4.7%-6.9%)
Sexual Orientation										
Bisexual	27.7%	(19.9%-37.0%)	22.2%	(15.3%-31.1%)	19.3%	(13.4%-26.9%)	11.7%	(8.9%-15.2%)	5.8%	(3.2%-10.5%)
Gay or lesbian	**	(**_**)	**	(**_**)	25.2%	(16.2%-37.0%)	21.3%	(13.9%-31.3%)	8.5%	(5.1%-13.8%)
Heterosexual	7.2%	(5.8%-8.9%)	6.3%	(4.6%-8.7%)	5.4%	(4.5%-6.4%)	4.2%	(3.4%-5.2%)	3.6%	(2.9%-4.4%)
Not sure	16.2%	(8.9%-27.5%)	15.5%	(8.0%-28.1%)	14.2%	(9.7%-20.2%)	7.3%	(4.3%-11.9%)	11.8%	(7.8%-17.5%)
Grade										
9th grade	7.2%	(5.2%-9.9%)	6.6%	(4.7%-9.3%)	4.4%	(3.2%-6.1%)	4.0%	(2.9%-5.6%)	3.4%	(2.4%-4.8%)
10th grade	6.5%	(4.9%-8.7%)	5.1%	(3.7%-7.1%)	7.8%	(5.5%-11.1%)	5.1%	(3.7%-6.9%)	4.1%	(2.7%-6.3%)
11th grade	12.1%	(8.8%-16.4%)	9.9%	(7.2%-13.4%)	7.7%	(5.3%-10.9%)	5.1%	(3.9%-6.6%)	5.4%	(3.8%-7.5%)
12th grade	10.5%	(8.5%-12.9%)	10.1%	(6.7%-14.9%)	11.0%	(8.4%-14.3%)	9.6%	(6.9%-13.2%)	4.2%	(3.0%-6.1%)
Race										
Native Hawaiian	8.1%	(5.9%-11.1%)	9.8%	(7.2%-13.2%)	8.5%	(6.7%-10.7%)	7.5%	(5.8%-9.7%)	5.4%	(4.1%-7.1%)
Other Pacific Islander	4.4%	(1.6%-11.6%)	6.0%	(2.9%-11.9%)	3.3%	(1.6%-6.8%)	4.3%	(1.8%-9.8%)	6.4%	(3.3%-12.1%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	13.1%	(10.2%-16.8%)	11.0%	(8.7%-13.9%)	10.0%	(7.1%-13.8%)	7.8%	(5.0%-11.9%)	7.0%	(4.4%-11.0%)
Filipino	6.7%	(4.5%-9.8%)	3.7%	(1.9%-7.0%)	4.4%	(2.7%-6.9%)	3.2%	(2.0%-5.0%)	2.0%	(1.1%-3.5%)
Japanese	5.3%	(2.3%-11.6%)	8.1%	(3.9%-16.1%)	7.2%	(4.2%-12.0%)	4.1%	(1.5%-11.2%)	1.1%	(0.2%-6.1%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	10.6%	(8.3%-13.4%)	10.2%	(8.0%-12.9%)	9.9%	(8.1%-12.0%)	6.6%	(5.3%-8.1%)	5.8%	(4.5%-7.3%)
Other Asian	6.8%	(3.3%-13.5%)	1.6%	(0.5%-4.8%)	3.6%	(2.4%-5.2%)	2.7%	(0.8%-8.2%)	0.7%	(0.1%-3.6%)

Table 55. Ever used heroin among public high school students by county, sex, sexual orientation, grade, and race for years 2013-2019

	2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	3.4%	(2.7%-4.3%)	3.3%	(2.7%-4.1%)	4.5%	(3.5%-5.7%)	3.6%	(2.9%-4.5%)
County								
Kauai County	2.3%	(1.2%-4.2%)	4.9%	(3.4%-7.0%)	5.0%	(3.6%-6.9%)	3.8%	(2.6%-5.6%)
Honolulu County	3.5%	(2.5%-4.8%)	2.7%	(1.9%-3.7%)	3.9%	(2.6%-5.6%)	3.5%	(2.6%-4.8%)
Maui County	3.9%	(2.6%-5.7%)	3.7%	(2.7%-5.2%)	6.0%	(4.1%-8.5%)	3.2%	(2.4%-4.3%)
Hawaii County	3.4%	(2.4%-4.8%)	5.6%	(3.8%-8.3%)	6.0%	(4.3%-8.3%)	4.5%	(3.1%-6.3%)
Sex								
Female	3.2%	(2.1%-4.8%)	1.8%	(1.3%-2.5%)	1.8%	(1.2%-2.6%)	1.4%	(1.0%-2.1%)
Male	3.3%	(2.4%-4.7%)	4.4%	(3.4%-5.5%)	6.2%	(4.6%-8.1%)	5.3%	(4.1%-6.8%)
Sexual Orientation								
Bisexual	11.1%	(6.1%-19.5%)	7.2%	(4.2%-12.0%)	10.5%	(6.9%-15.6%)	4.4%	(2.5%-7.7%)
Gay or lesbian	**	(**_**)	21.5%	(13.4%-32.8%)	20.9%	(13.7%-30.5%)	6.5%	(3.8%-10.7%)
Heterosexual	1.6%	(1.1%-2.4%)	1.6%	(1.2%-2.1%)	2.1%	(1.5%-2.9%)	2.8%	(2.1%-3.8%)
Not sure	17.9%	(10.3%-29.2%)	7.9%	(4.2%-14.4%)	10.4%	(6.7%-15.8%)	9.3%	(6.1%-13.9%)
Grade								
9th grade	3.2%	(1.8%-5.7%)	2.8%	(1.8%-4.4%)	5.0%	(3.3%-7.4%)	2.4%	(1.6%-3.6%)
10th grade	1.8%	(1.0%-3.2%)	2.9%	(1.9%-4.4%)	3.5%	(2.1%-5.7%)	4.0%	(2.4%-6.5%)
11th grade	4.2%	(2.6%-6.7%)	3.0%	(1.9%-4.6%)	2.7%	(1.9%-3.8%)	3.8%	(2.6%-5.4%)
12th grade	3.9%	(2.4%-6.3%)	3.4%	(2.2%-5.2%)	4.9%	(3.3%-7.4%)	3.9%	(2.6%-5.6%)
Race								
Native Hawaiian	3.3%	(2.1%-4.9%)	4.7%	(3.4%-6.4%)	6.0%	(4.4%-8.3%)	4.9%	(3.6%-6.5%)
Other Pacific Islander	2.6%	(0.9%-7.4%)	2.9%	(1.3%-6.2%)	4.7%	(1.7%-12.4%)	4.9%	(2.6%-9.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	4.6%	(2.7%-7.7%)	1.9%	(1.2%-3.0%)	3.9%	(2.1%-7.3%)	3.1%	(1.1%-8.8%)
Filipino	1.2%	(0.5%-3.0%)	2.1%	(1.1%-3.7%)	2.3%	(1.3%-4.0%)	1.5%	(0.8%-3.1%)
Japanese	4.9%	(1.8%-12.5%)	2.6%	(0.9%-7.1%)	1.3%	(0.3%-4.8%)	.	(.-)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	3.7%	(2.3%-6.0%)	3.1%	(2.3%-4.1%)	4.0%	(2.9%-5.3%)	3.7%	(2.7%-4.9%)
Other Asian	1.4%	(0.3%-5.9%)	0.5%	(0.1%-2.6%)	0.2%	(0.0%-1.0%)	1.6%	(0.2%-11.0%)

Table 56. Ever used methamphetamines among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	3.4%	(2.5%-4.4%)	4.3%	(3.3%-5.5%)	3.8%	(3.1%-4.7%)	4.8%	(3.6%-6.3%)	4.5%	(3.7%-5.5%)
County										
Kauai County			3.2%	(1.8%-5.6%)	5.2%	(3.8%-7.1%)	5.4%	(4.0%-7.3%)	5.3%	(4.0%-7.1%)
Honolulu County			4.2%	(2.9%-6.1%)	3.1%	(2.2%-4.3%)	4.3%	(2.7%-6.6%)	4.4%	(3.2%-6.0%)
Maui County			4.3%	(2.9%-6.4%)	4.3%	(3.1%-5.9%)	6.2%	(4.2%-8.9%)	4.6%	(3.5%-5.9%)
Hawaii County			4.8%	(3.4%-6.8%)	6.3%	(4.3%-9.3%)	5.7%	(4.3%-7.7%)	4.7%	(3.3%-6.6%)
Sex										
Female	2.3%	(1.6%-3.4%)	4.2%	(3.1%-5.7%)	2.4%	(1.7%-3.5%)	2.2%	(1.5%-3.2%)	2.3%	(1.7%-3.2%)
Male	4.2%	(3.0%-5.9%)	3.9%	(2.7%-5.5%)	4.6%	(3.7%-5.8%)	6.6%	(4.9%-8.9%)	5.6%	(4.3%-7.2%)
Sexual Orientation										
Bisexual	13.2%	(6.7%-24.4%)	14.5%	(9.9%-20.6%)	9.2%	(6.0%-14.0%)	12.3%	(8.3%-17.7%)	3.7%	(1.4%-9.3%)
Gay or lesbian	**	(**_**)	**	(**_**)	19.4%	(12.8%-28.3%)	18.3%	(11.7%-27.4%)	8.9%	(5.6%-13.8%)
Heterosexual	1.9%	(1.4%-2.7%)	2.5%	(1.8%-3.5%)	1.7%	(1.4%-2.2%)	2.6%	(1.9%-3.6%)	3.7%	(2.8%-4.9%)
Not sure	14.1%	(7.1%-25.9%)	18.2%	(10.5%-29.5%)	11.8%	(7.2%-18.7%)	8.2%	(5.2%-12.8%)	7.7%	(4.7%-12.2%)
Grade										
9th grade	3.3%	(1.9%-5.7%)	3.8%	(2.7%-5.5%)	3.2%	(2.2%-4.7%)	4.7%	(3.2%-6.9%)	3.2%	(2.1%-4.6%)
10th grade	2.1%	(1.4%-3.2%)	1.9%	(1.2%-3.1%)	3.9%	(2.8%-5.5%)	3.9%	(2.3%-6.4%)	4.3%	(3.0%-6.1%)
11th grade	4.1%	(2.4%-6.8%)	5.5%	(3.6%-8.4%)	3.3%	(2.3%-4.9%)	2.8%	(1.8%-4.3%)	4.4%	(2.8%-6.8%)
12th grade	3.7%	(2.3%-6.0%)	5.3%	(3.4%-8.2%)	3.6%	(2.2%-6.0%)	6.5%	(4.2%-10.0%)	4.1%	(2.8%-6.0%)
Race										
Native Hawaiian	2.9%	(1.8%-4.6%)	4.8%	(3.3%-7.0%)	4.9%	(3.7%-6.5%)	6.0%	(4.5%-8.0%)	6.0%	(4.5%-8.0%)
Other Pacific Islander	2.9%	(0.9%-8.7%)	2.4%	(1.0%-5.7%)	2.0%	(0.8%-5.1%)	5.7%	(2.4%-12.5%)	7.3%	(4.2%-12.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	5.3%	(2.9%-9.3%)	6.4%	(4.2%-9.6%)	2.6%	(1.5%-4.4%)	4.9%	(2.6%-9.3%)	4.8%	(2.2%-10.3%)
Filipino	2.6%	(1.3%-5.0%)	2.2%	(1.2%-4.2%)	2.5%	(1.5%-4.1%)	2.6%	(1.4%-4.7%)	0.8%	(0.4%-1.6%)
Japanese	1.2%	(0.3%-4.6%)	3.5%	(1.0%-10.9%)	2.3%	(0.8%-6.2%)	4.0%	(1.4%-11.0%)	2.3%	(0.3%-13.5%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	3.0%	(2.0%-4.5%)	4.2%	(2.8%-6.3%)	4.8%	(3.6%-6.2%)	3.6%	(2.7%-4.8%)	5.1%	(4.0%-6.6%)
Other Asian	1.5%	(0.3%-6.3%)	2.6%	(1.1%-5.8%)	0.5%	(0.1%-2.4%)	0.2%	(0.0%-1.0%)	0.7%	(0.1%-3.7%)

Table 57. Ever used injectables among public high school students by county, sex, sexual orientation, grade, and race for years 2013-2019

	2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	2.6%	(2.0%-3.2%)	3.3%	(2.8%-4.1%)	2.8%	(2.3%-3.5%)	2.6%	(2.0%-3.5%)
County								
Kauai County	2.0%	(1.1%-3.6%)	3.5%	(2.3%-5.2%)	4.6%	(3.3%-6.5%)	2.7%	(1.9%-3.9%)
Honolulu County	2.5%	(1.8%-3.5%)	3.0%	(2.3%-3.9%)	2.4%	(1.7%-3.3%)	2.4%	(1.6%-3.8%)
Maui County	3.0%	(2.0%-4.5%)	3.5%	(2.4%-5.1%)	3.9%	(2.5%-5.9%)	3.1%	(2.2%-4.2%)
Hawaii County	2.8%	(1.9%-4.0%)	4.9%	(3.5%-7.0%)	3.5%	(2.4%-5.0%)	3.1%	(2.1%-4.5%)
Sex								
Female	2.7%	(1.9%-3.8%)	1.9%	(1.3%-2.9%)	1.2%	(0.8%-1.8%)	1.0%	(0.8%-1.5%)
Male	2.1%	(1.5%-2.9%)	4.5%	(3.6%-5.7%)	4.0%	(3.0%-5.2%)	3.7%	(2.6%-5.2%)
Sexual Orientation								
Bisexual	2.6%	(1.2%-5.8%)	10.1%	(6.0%-16.5%)	7.0%	(3.8%-12.5%)	1.8%	(0.8%-3.8%)
Gay or lesbian	**	(**_**)	18.2%	(11.8%-27.0%)	14.5%	(9.4%-21.7%)	5.7%	(3.3%-9.5%)
Heterosexual	1.9%	(1.5%-2.5%)	1.7%	(1.3%-2.2%)	1.5%	(1.2%-1.9%)	2.2%	(1.5%-3.2%)
Not sure	10.9%	(4.7%-23.4%)	6.3%	(2.5%-15.1%)	6.8%	(3.5%-12.7%)	6.6%	(3.8%-11.2%)
Grade								
9th grade	3.3%	(2.1%-5.2%)	2.9%	(1.9%-4.3%)	2.8%	(1.7%-4.4%)	2.0%	(1.0%-3.9%)
10th grade	1.9%	(1.2%-3.1%)	2.9%	(2.0%-4.2%)	2.9%	(1.8%-4.6%)	1.9%	(1.2%-2.9%)
11th grade	2.0%	(1.1%-3.5%)	3.4%	(2.3%-5.1%)	1.9%	(1.4%-2.6%)	2.6%	(1.7%-3.9%)
12th grade	2.5%	(1.4%-4.7%)	3.6%	(2.2%-5.7%)	2.6%	(1.7%-3.9%)	3.0%	(1.6%-5.7%)
Race								
Native Hawaiian	2.3%	(1.6%-3.3%)	4.8%	(3.5%-6.4%)	3.4%	(2.5%-4.5%)	4.1%	(2.8%-5.9%)
Other Pacific Islander	6.5%	(2.8%-14.3%)	2.5%	(1.1%-6.0%)	6.7%	(3.4%-12.5%)	2.4%	(0.8%-6.6%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	3.3%	(1.5%-7.2%)	2.0%	(0.9%-4.2%)	1.9%	(0.9%-4.0%)	1.0%	(0.3%-2.9%)
Filipino	1.8%	(0.9%-3.6%)	2.7%	(1.7%-4.4%)	1.3%	(0.7%-2.6%)	1.0%	(0.4%-2.2%)
Japanese	1.2%	(0.2%-5.6%)	2.5%	(0.9%-6.9%)	1.7%	(0.4%-6.5%)	3.3%	(0.8%-12.5%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	3.1%	(2.1%-4.6%)	3.5%	(2.5%-5.0%)	3.1%	(2.2%-4.3%)	3.9%	(2.8%-5.4%)
Other Asian	2.1%	(0.7%-6.0%)	.	(.-)	0.6%	(0.1%-2.4%)	0.6%	(0.1%-3.8%)

Table 58. Ever used prescription drugs without a doctor’s prescription among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2015

	2011		2013		2015	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	14.3%	(12.6%-16.2%)	12.9%	(11.0%-15.1%)	12.3%	(10.7%-14.2%)
County						
Kauai County			14.0%	(11.3%-17.2%)	10.2%	(8.4%-12.5%)
Honolulu County			12.3%	(9.4%-15.8%)	12.1%	(9.8%-15.0%)
Maui County			13.6%	(11.6%-16.0%)	12.2%	(10.4%-14.2%)
Hawaii County			15.2%	(12.5%-18.4%)	14.4%	(12.0%-17.4%)
Sex						
Female	14.5%	(12.1%-17.3%)	14.2%	(12.2%-16.5%)	11.3%	(9.0%-14.1%)
Male	14.0%	(11.9%-16.5%)	11.5%	(9.1%-14.5%)	12.9%	(11.4%-14.6%)
Sexual Orientation						
Bisexual	33.3%	(22.7%-46.0%)	29.0%	(22.5%-36.5%)	24.8%	(18.3%-32.7%)
Gay or lesbian	**	(**_**)	**	(**_**)	30.6%	(21.6%-41.5%)
Heterosexual	13.1%	(11.5%-14.9%)	11.6%	(9.6%-13.8%)	9.9%	(8.7%-11.2%)
Not sure	12.7%	(6.8%-22.7%)	18.8%	(10.2%-32.0%)	19.1%	(11.9%-29.1%)
Grade						
9th grade	10.6%	(8.2%-13.7%)	8.5%	(6.4%-11.3%)	7.6%	(5.4%-10.6%)
10th grade	11.8%	(8.7%-15.7%)	11.3%	(9.3%-13.6%)	11.5%	(9.2%-14.2%)
11th grade	17.3%	(13.1%-22.5%)	14.2%	(11.7%-17.0%)	13.9%	(10.5%-18.2%)
12th grade	18.4%	(15.3%-22.0%)	18.2%	(13.7%-23.8%)	16.5%	(13.6%-20.0%)
Race						
Native Hawaiian	14.2%	(11.9%-17.0%)	16.5%	(13.8%-19.6%)	14.8%	(11.9%-18.2%)
Other Pacific Islander	10.0%	(6.4%-15.2%)	7.5%	(4.2%-13.1%)	4.5%	(2.3%-8.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	22.2%	(18.8%-26.1%)	19.0%	(15.2%-23.5%)	16.2%	(12.9%-20.1%)
Filipino	9.3%	(7.1%-12.1%)	7.2%	(5.0%-10.2%)	7.7%	(5.8%-10.1%)
Japanese	11.1%	(6.7%-17.8%)	11.1%	(6.0%-19.7%)	8.5%	(5.8%-12.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	17.2%	(14.3%-20.4%)	15.7%	(12.8%-19.2%)	15.2%	(12.6%-18.2%)
Other Asian	9.8%	(4.7%-19.4%)	2.4%	(0.9%-6.2%)	7.0%	(3.6%-13.3%)

Table 59. Ever used inhalants among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2015

	2011		2013		2015	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	9.7%	(8.5%-11.0%)	9.2%	(7.8%-10.8%)	8.0%	(7.1%-9.1%)
County						
Kauai County			7.9%	(6.0%-10.2%)	7.4%	(5.7%-9.4%)
Honolulu County			9.8%	(7.7%-12.2%)	7.4%	(6.1%-8.9%)
Maui County			8.4%	(6.4%-11.0%)	9.3%	(7.7%-11.2%)
Hawaii County			8.1%	(6.3%-10.4%)	10.3%	(8.3%-12.8%)
Sex						
Female	9.6%	(8.3%-11.1%)	9.8%	(8.2%-11.8%)	6.2%	(5.2%-7.4%)
Male	9.5%	(7.7%-11.8%)	8.2%	(6.7%-10.0%)	9.4%	(8.0%-11.0%)
Sexual Orientation						
Bisexual	30.5%	(21.3%-41.4%)	28.3%	(22.6%-34.8%)	17.2%	(12.4%-23.4%)
Gay or lesbian	**	(**_**)	**	(**_**)	32.0%	(23.3%-42.1%)
Heterosexual	8.0%	(6.9%-9.3%)	7.6%	(6.3%-9.2%)	5.3%	(4.7%-6.1%)
Not sure	15.5%	(9.0%-25.5%)	13.8%	(8.0%-22.7%)	17.2%	(9.9%-28.1%)
Grade						
9th grade	10.3%	(8.1%-13.0%)	9.4%	(7.2%-12.2%)	6.6%	(5.1%-8.4%)
10th grade	8.6%	(6.6%-11.0%)	9.3%	(7.3%-11.8%)	7.6%	(6.0%-9.5%)
11th grade	9.9%	(7.5%-12.9%)	9.0%	(6.7%-11.9%)	8.6%	(7.1%-10.4%)
12th grade	9.8%	(7.3%-13.0%)	8.5%	(6.2%-11.7%)	8.6%	(6.3%-11.5%)
Race						
Native Hawaiian	8.8%	(6.8%-11.4%)	11.8%	(9.3%-14.9%)	10.2%	(8.2%-12.6%)
Other Pacific Islander	10.1%	(7.0%-14.4%)	11.2%	(7.0%-17.4%)	3.2%	(1.7%-6.0%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	12.3%	(8.4%-17.8%)	10.6%	(7.6%-14.5%)	9.8%	(7.1%-13.4%)
Filipino	7.3%	(5.1%-10.3%)	7.1%	(4.7%-10.4%)	5.2%	(3.7%-7.3%)
Japanese	6.4%	(3.4%-11.7%)	3.9%	(1.7%-8.5%)	4.1%	(1.7%-10.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	13.0%	(10.9%-15.6%)	10.2%	(7.4%-13.8%)	8.9%	(7.5%-10.4%)
Other Asian	4.7%	(2.7%-8.0%)	5.7%	(2.9%-10.7%)	4.5%	(2.4%-8.3%)

Table 60. Offered, sold, or given drugs on school property in the past year among public high school students by county, sex, sexual orientation, grade, and race for years 2011-2015

	2011		2013		2015	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	31.7%	(29.1%-34.4%)	31.2%	(28.9%-33.7%)	25.4%	(23.4%-27.6%)
County						
Kauai County			29.6%	(26.1%-33.3%)	21.4%	(19.0%-24.0%)
Honolulu County			31.7%	(29.1%-34.5%)	25.3%	(22.8%-28.0%)
Maui County			29.0%	(26.0%-32.3%)	26.5%	(24.0%-29.1%)
Hawaii County			31.6%	(28.3%-35.2%)	26.8%	(23.4%-30.5%)
Sex						
Female	28.1%	(25.3%-31.0%)	28.4%	(24.4%-32.7%)	24.9%	(22.2%-27.8%)
Male	35.6%	(32.4%-38.9%)	34.2%	(31.6%-36.9%)	25.9%	(23.6%-28.2%)
Sexual Orientation						
Bisexual	41.2%	(31.6%-51.5%)	42.3%	(35.3%-49.7%)	40.6%	(31.9%-49.9%)
Gay or lesbian	**	(**_**)	**	(**_**)	36.2%	(27.4%-46.0%)
Heterosexual	30.8%	(28.1%-33.6%)	30.5%	(27.9%-33.2%)	24.1%	(22.2%-26.2%)
Not sure	37.6%	(24.3%-53.0%)	24.7%	(16.5%-35.2%)	22.0%	(15.0%-31.0%)
Grade						
9th grade	30.9%	(26.8%-35.3%)	29.9%	(25.6%-34.6%)	24.0%	(20.8%-27.6%)
10th grade	30.5%	(27.4%-33.9%)	27.3%	(23.9%-31.0%)	27.6%	(23.4%-32.1%)
11th grade	34.7%	(29.8%-40.0%)	33.6%	(28.5%-39.1%)	26.4%	(22.5%-30.7%)
12th grade	30.9%	(26.6%-35.5%)	34.5%	(30.7%-38.4%)	23.5%	(20.4%-27.0%)
Race						
Native Hawaiian	26.6%	(22.7%-30.8%)	33.3%	(29.3%-37.5%)	26.9%	(24.2%-29.8%)
Other Pacific Islander	36.4%	(25.5%-48.9%)	34.8%	(26.9%-43.7%)	30.0%	(24.1%-36.7%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	40.6%	(35.3%-46.1%)	37.6%	(29.8%-46.0%)	29.8%	(24.0%-36.2%)
Filipino	32.1%	(27.9%-36.6%)	24.0%	(20.4%-28.1%)	23.0%	(19.0%-27.6%)
Japanese	21.0%	(15.2%-28.2%)	29.9%	(20.1%-42.1%)	19.8%	(15.6%-24.7%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	34.7%	(30.7%-39.0%)	34.9%	(32.0%-37.8%)	27.5%	(25.0%-30.3%)
Other Asian	19.7%	(13.3%-28.1%)	26.5%	(17.4%-38.2%)	18.4%	(14.2%-23.6%)

Table 61. Current alcohol use on school property among public high school students by county, sex, grade, and race in 2009-2013

	2009		2011		2013	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	7.9%	(5.9%-10.5%)	5.0%	(4.3%-5.9%)	6.0%	(4.8%-7.3%)
County						
Kauai County					5.5%	(3.7%-8.0%)
Honolulu County					5.3%	(3.7%-7.5%)
Maui County					6.3%	(4.6%-8.6%)
Hawaii County					9.1%	(7.2%-11.4%)
Sex						
Female	8.1%	(5.7%-11.3%)	5.2%	(4.2%-6.5%)	6.0%	(4.6%-7.9%)
Male	7.6%	(5.0%-11.4%)	4.7%	(3.5%-6.4%)	5.7%	(4.4%-7.3%)
Sexual Orientation						
Bisexual			15.9%	(10.2%-23.9%)	13.7%	(8.5%-21.4%)
Gay or lesbian			**	(**_**)	**	(**_**)
Heterosexual			4.2%	(3.5%-5.1%)	4.6%	(3.6%-5.9%)
Not sure			10.9%	(5.6%-20.0%)	14.7%	(7.4%-27.0%)
Grade						
9th grade	7.2%	(4.7%-10.9%)	5.5%	(4.0%-7.6%)	6.7%	(4.7%-9.6%)
10th grade	10.0%	(5.5%-17.7%)	5.0%	(3.7%-6.8%)	4.2%	(2.9%-6.1%)
11th grade	9.3%	(6.1%-14.0%)	4.0%	(2.7%-5.9%)	6.2%	(4.3%-8.9%)
12th grade	5.2%	(3.3%-8.1%)	5.4%	(4.1%-7.2%)	6.3%	(4.3%-9.0%)
Race						
Native Hawaiian	12.8%	(6.8%-22.8%)	6.8%	(4.8%-9.5%)	8.4%	(6.3%-11.3%)
Other Pacific Islander	**	(**_**)	9.8%	(6.3%-15.0%)	5.5%	(2.4%-12.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	5.3%	(2.1%-12.4%)	6.9%	(5.0%-9.6%)	5.9%	(3.9%-8.9%)
Filipino	4.7%	(2.4%-8.7%)	1.5%	(0.7%-3.4%)	2.6%	(1.5%-4.6%)
Japanese	2.3%	(0.8%-6.8%)	1.6%	(0.4%-5.7%)	3.7%	(1.4%-9.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	10.3%	(7.6%-13.8%)	6.1%	(4.6%-8.0%)	7.5%	(5.9%-9.5%)
Other Asian	3.3%	(1.1%-9.6%)	2.9%	(1.2%-6.9%)	2.1%	(0.8%-5.3%)

Table 62. Attended school under the influence of alcohol or other drugs in past 12 months among public high school students by county, sex, sexual orientation, grade, and race in 2015-2019

	2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	16.7%	(15.1%-18.5%)	16.8%	(14.9%-18.9%)	19.6%	(17.8%-21.4%)
County						
Kauai County	15.6%	(12.9%-18.6%)	18.3%	(16.1%-20.7%)	20.7%	(18.3%-23.3%)
Honolulu County	16.3%	(14.0%-18.8%)	14.8%	(12.3%-17.6%)	18.3%	(15.8%-21.0%)
Maui County	17.4%	(15.0%-20.2%)	21.4%	(18.5%-24.7%)	23.9%	(21.1%-27.0%)
Hawaii County	18.8%	(16.3%-21.7%)	22.8%	(19.6%-26.3%)	21.8%	(19.1%-24.9%)
Sex						
Female	16.1%	(14.0%-18.4%)	14.3%	(12.5%-16.4%)	18.8%	(16.5%-21.3%)
Male	17.3%	(14.7%-20.2%)	18.8%	(15.9%-22.1%)	19.6%	(17.4%-22.1%)
Sexual Orientation						
Bisexual	19.5%	(15.2%-24.6%)	20.6%	(16.0%-26.2%)	21.0%	(15.7%-27.4%)
Gay or lesbian	28.6%	(20.8%-38.1%)	33.1%	(25.5%-41.8%)	21.1%	(11.8%-34.8%)
Heterosexual	16.2%	(14.2%-18.4%)	15.6%	(13.8%-17.5%)	19.4%	(17.7%-21.1%)
Not sure	14.6%	(9.5%-21.8%)	18.5%	(12.3%-26.9%)	15.1%	(9.3%-23.6%)
Grade						
9th grade	14.9%	(12.2%-18.1%)	15.6%	(13.0%-18.6%)	15.5%	(13.0%-18.4%)
10th grade	18.7%	(15.2%-22.9%)	16.1%	(13.1%-19.7%)	22.5%	(19.5%-25.7%)
11th grade	18.6%	(16.0%-21.6%)	16.5%	(14.0%-19.3%)	21.6%	(18.4%-25.2%)
12th grade	14.7%	(11.9%-17.9%)	18.3%	(14.5%-22.7%)	17.5%	(14.9%-20.5%)
Race						
Native Hawaiian	21.8%	(18.9%-25.1%)	24.6%	(21.6%-27.9%)	25.0%	(22.3%-27.8%)
Other Pacific Islander	19.1%	(14.0%-25.6%)	23.6%	(17.9%-30.5%)	23.4%	(16.2%-32.4%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	16.8%	(13.8%-20.4%)	17.2%	(13.0%-22.4%)	20.2%	(15.8%-25.5%)
Filipino	11.8%	(8.6%-16.1%)	9.1%	(6.8%-12.2%)	15.8%	(13.0%-19.0%)
Japanese	12.0%	(7.4%-19.0%)	11.7%	(6.9%-19.2%)	8.4%	(4.3%-15.9%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	20.8%	(17.4%-24.7%)	17.6%	(14.8%-20.8%)	23.6%	(21.5%-25.9%)
Other Asian	8.3%	(5.3%-12.9%)	11.7%	(8.1%-16.6%)	10.7%	(6.2%-17.9%)

Table 63. Talked to a parent or adult in family about dangers of tobacco, alcohol, or drugs in the past 12 months among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	45.3%	(42.8%-47.7%)	39.1%	(36.5%-41.8%)	38.6%	(36.1%-41.2%)	44.1%	(41.9%-46.4%)	45.7%	(43.5%-47.9%)
County										
Kauai County			37.8%	(33.7%-42.1%)	40.6%	(36.9%-44.5%)	45.7%	(42.3%-49.1%)	47.1%	(44.0%-50.3%)
Honolulu County			37.2%	(33.4%-41.1%)	37.6%	(34.4%-41.0%)	43.4%	(40.2%-46.6%)	45.9%	(43.1%-48.7%)
Maui County			44.9%	(41.1%-48.7%)	39.3%	(36.5%-42.3%)	46.4%	(43.0%-49.9%)	44.4%	(41.1%-47.8%)
Hawaii County			43.6%	(40.1%-47.3%)	42.4%	(38.0%-46.9%)	45.2%	(42.0%-48.5%)	45.4%	(41.7%-49.1%)
Sex										
Female	43.1%	(40.8%-45.5%)	37.4%	(34.3%-40.5%)	39.3%	(36.2%-42.4%)	41.3%	(38.4%-44.2%)	48.4%	(45.3%-51.6%)
Male	47.4%	(43.3%-51.5%)	40.7%	(37.3%-44.3%)	37.8%	(34.8%-40.9%)	47.0%	(43.9%-50.1%)	43.5%	(40.2%-46.7%)
Sexual Orientation										
Bisexual	46.8%	(36.9%-57.0%)	38.6%	(27.6%-51.0%)	37.1%	(29.2%-45.7%)	38.9%	(32.2%-46.2%)	52.4%	(43.8%-60.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	39.4%	(30.5%-49.1%)	44.8%	(35.3%-54.7%)	51.8%	(38.8%-64.5%)
Heterosexual	44.9%	(42.4%-47.5%)	39.4%	(36.4%-42.5%)	38.9%	(36.4%-41.5%)	44.9%	(42.7%-47.1%)	45.5%	(42.9%-48.2%)
Not sure	43.9%	(31.4%-57.3%)	30.7%	(18.1%-47.0%)	31.9%	(24.8%-40.0%)	36.2%	(28.1%-45.3%)	39.7%	(28.3%-52.3%)
Grade										
9th grade	46.6%	(42.6%-50.8%)	40.9%	(35.0%-47.0%)	37.7%	(33.9%-41.6%)	46.0%	(40.8%-51.3%)	45.4%	(40.9%-49.9%)
10th grade	44.9%	(42.1%-47.8%)	38.2%	(35.1%-41.4%)	42.7%	(39.1%-46.3%)	45.3%	(39.8%-50.9%)	50.0%	(45.9%-54.2%)
11th grade	45.4%	(39.9%-50.9%)	36.7%	(31.2%-42.5%)	36.8%	(31.4%-42.4%)	43.2%	(39.1%-47.4%)	42.0%	(38.6%-45.6%)
12th grade	43.5%	(38.4%-48.7%)	40.8%	(36.0%-45.8%)	37.3%	(32.3%-42.6%)	39.7%	(35.0%-44.6%)	46.2%	(41.9%-50.5%)
Race										
Native Hawaiian	46.8%	(42.4%-51.2%)	41.3%	(36.1%-46.6%)	38.4%	(34.9%-41.9%)	43.3%	(39.7%-47.0%)	43.4%	(40.0%-46.9%)
Other Pacific Islander	45.2%	(38.8%-51.8%)	42.0%	(33.5%-50.9%)	43.4%	(35.4%-51.7%)	54.6%	(45.7%-63.2%)	35.8%	(29.6%-42.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	55.1%	(46.9%-63.0%)	50.1%	(44.5%-55.8%)	47.3%	(42.0%-52.7%)	56.0%	(50.1%-61.7%)	58.1%	(50.3%-65.5%)
Filipino	42.0%	(37.3%-46.9%)	36.2%	(31.8%-40.9%)	33.4%	(29.4%-37.7%)	37.0%	(32.5%-41.7%)	41.4%	(37.9%-45.0%)
Japanese	38.1%	(30.5%-46.3%)	24.5%	(17.0%-33.8%)	38.7%	(33.2%-44.6%)	41.8%	(36.1%-47.8%)	57.5%	(48.3%-66.3%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	48.0%	(44.5%-51.5%)	41.6%	(38.0%-45.4%)	41.1%	(37.6%-44.6%)	45.1%	(42.1%-48.2%)	47.9%	(45.4%-50.3%)
Other Asian	28.1%	(22.6%-34.4%)	27.0%	(21.3%-33.6%)	27.4%	(23.2%-32.0%)	33.4%	(27.9%-39.5%)	45.5%	(36.9%-54.5%)

Table 64. CRAFFT index score of 0 among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	50.2%	(47.5%-52.9%)	58.3%	(54.9%-61.7%)	62.0%	(59.4%-64.6%)	62.8%	(60.2%-65.3%)
County								
Kauai County			53.6%	(50.1%-57.1%)	60.1%	(55.9%-64.1%)	61.2%	(57.8%-64.4%)
Honolulu County			60.8%	(55.8%-65.6%)	64.4%	(60.8%-67.8%)	65.8%	(62.3%-69.2%)
Maui County			53.6%	(49.5%-57.7%)	55.6%	(51.5%-59.6%)	54.3%	(50.2%-58.4%)
Hawaii County			52.6%	(48.3%-56.9%)	56.6%	(52.4%-60.7%)	55.1%	(51.2%-58.9%)
Sex								
Female	47.9%	(44.0%-51.8%)	57.3%	(53.5%-60.9%)	59.7%	(56.7%-62.7%)	62.4%	(59.0%-65.7%)
Male	52.7%	(49.3%-56.0%)	59.4%	(55.0%-63.7%)	64.6%	(61.2%-67.8%)	63.5%	(60.0%-66.9%)
Sexual Orientation								
Bisexual	31.0%	(22.6%-40.9%)	31.5%	(22.7%-41.8%)	54.0%	(45.6%-62.1%)	49.6%	(42.3%-56.9%)
Gay or lesbian	**	(**_**)	**	(**_**)	49.1%	(35.8%-62.5%)	54.7%	(41.3%-67.4%)
Heterosexual	51.9%	(49.1%-54.7%)	59.5%	(56.2%-62.8%)	63.3%	(60.4%-66.1%)	63.7%	(61.1%-66.2%)
Not sure	43.3%	(29.6%-58.1%)	70.5%	(59.3%-79.7%)	59.2%	(49.9%-67.9%)	68.2%	(58.5%-76.6%)
Grade								
9th grade	53.7%	(49.0%-58.2%)	64.2%	(58.3%-69.7%)	72.6%	(68.1%-76.6%)	68.6%	(63.2%-73.5%)
10th grade	51.4%	(46.7%-56.1%)	60.2%	(54.8%-65.3%)	60.3%	(56.0%-64.5%)	61.6%	(57.2%-65.7%)
11th grade	49.9%	(41.3%-58.5%)	55.7%	(50.9%-60.3%)	59.6%	(54.4%-64.7%)	63.3%	(59.1%-67.3%)
12th grade	44.7%	(39.8%-49.6%)	51.5%	(45.9%-57.1%)	52.9%	(48.0%-57.6%)	57.2%	(50.4%-63.8%)
Race								
Native Hawaiian	42.8%	(37.5%-48.3%)	48.7%	(44.5%-53.0%)	53.4%	(49.2%-57.5%)	55.1%	(51.4%-58.8%)
Other Pacific Islander	31.5%	(22.2%-42.6%)	50.7%	(40.0%-61.3%)	62.9%	(53.9%-71.0%)	55.4%	(49.5%-61.1%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	47.7%	(42.2%-53.1%)	57.0%	(51.2%-62.7%)	59.4%	(53.1%-65.4%)	60.5%	(54.0%-66.7%)
Filipino	52.0%	(47.6%-56.5%)	62.7%	(57.7%-67.5%)	67.6%	(62.2%-72.5%)	67.4%	(62.5%-72.0%)
Japanese	66.0%	(56.7%-74.3%)	75.4%	(64.9%-83.5%)	73.7%	(67.7%-78.8%)	73.8%	(59.1%-84.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	51.9%	(46.1%-57.5%)	54.8%	(51.0%-58.5%)	57.2%	(53.1%-61.2%)	62.9%	(59.6%-66.1%)
Other Asian	71.0%	(65.2%-76.2%)	76.2%	(66.4%-83.9%)	81.6%	(70.7%-89.1%)	75.3%	(67.3%-81.9%)

Table 65. CRAFFT index score of 1 among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	18.5%	(16.9%-20.2%)	15.6%	(14.1%-17.3%)	12.8%	(11.6%-14.0%)	15.0%	(13.7%-16.5%)
County								
Kauai County			16.7%	(13.9%-19.8%)	13.5%	(11.0%-16.5%)	13.1%	(11.2%-15.2%)
Honolulu County			15.4%	(13.5%-17.6%)	12.0%	(10.6%-13.5%)	14.6%	(12.7%-16.7%)
Maui County			16.2%	(13.5%-19.3%)	15.7%	(13.6%-18.0%)	17.6%	(15.1%-20.4%)
Hawaii County			15.7%	(13.3%-18.4%)	13.9%	(11.5%-16.8%)	15.8%	(13.3%-18.8%)
Sex								
Female	18.7%	(16.3%-21.4%)	15.0%	(12.9%-17.4%)	13.5%	(12.1%-15.1%)	15.7%	(13.9%-17.8%)
Male	18.1%	(15.7%-20.9%)	16.2%	(14.4%-18.2%)	12.0%	(10.3%-13.9%)	14.4%	(12.6%-16.5%)
Sexual Orientation								
Bisexual	17.6%	(11.3%-26.3%)	21.9%	(14.6%-31.6%)	12.5%	(8.7%-17.7%)	19.5%	(13.9%-26.6%)
Gay or lesbian	**	(**_**)	**	(**_**)	10.6%	(6.1%-17.8%)	14.8%	(8.8%-24.0%)
Heterosexual	18.5%	(16.6%-20.7%)	15.6%	(14.0%-17.4%)	12.6%	(11.3%-14.1%)	14.9%	(13.5%-16.4%)
Not sure	14.8%	(8.6%-24.4%)	7.6%	(2.9%-18.4%)	15.0%	(8.9%-24.1%)	12.4%	(7.6%-19.4%)
Grade								
9th grade	18.9%	(15.4%-22.9%)	15.7%	(12.5%-19.4%)	10.3%	(8.1%-13.1%)	14.2%	(11.3%-17.6%)
10th grade	21.1%	(17.7%-25.1%)	15.1%	(12.3%-18.4%)	12.1%	(9.8%-14.9%)	16.9%	(14.1%-20.2%)
11th grade	16.1%	(12.9%-19.9%)	17.0%	(13.9%-20.6%)	15.0%	(12.5%-18.0%)	13.2%	(11.1%-15.7%)
12th grade	17.2%	(14.4%-20.5%)	15.5%	(12.0%-19.8%)	14.7%	(11.8%-18.1%)	16.6%	(13.6%-20.2%)
Race								
Native Hawaiian	21.7%	(18.7%-25.0%)	15.6%	(12.4%-19.3%)	13.6%	(11.5%-15.9%)	16.6%	(13.4%-20.2%)
Other Pacific Islander	24.4%	(17.5%-33.1%)	18.6%	(12.5%-26.9%)	14.4%	(10.0%-20.3%)	13.1%	(9.1%-18.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	16.9%	(13.1%-21.5%)	15.7%	(11.9%-20.4%)	15.4%	(11.9%-19.8%)	16.1%	(11.2%-22.7%)
Filipino	20.2%	(16.1%-25.1%)	17.5%	(14.4%-21.2%)	12.7%	(10.3%-15.7%)	16.4%	(13.5%-19.9%)
Japanese	14.9%	(10.8%-20.3%)	10.0%	(5.5%-17.7%)	8.7%	(5.5%-13.4%)	11.6%	(6.1%-21.2%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	15.0%	(12.5%-17.9%)	15.5%	(13.2%-18.1%)	13.2%	(11.2%-15.5%)	13.1%	(11.7%-14.7%)
Other Asian	14.3%	(9.6%-20.8%)	14.8%	(9.1%-23.2%)	6.9%	(4.0%-11.7%)	9.0%	(5.6%-14.0%)

Table 66. CRAFFT index score of 2-3: Considered as high risk for a substance abuse disorder among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	19.1%	(17.2%-21.2%)	15.9%	(14.0%-18.0%)	15.1%	(13.5%-16.8%)	12.3%	(11.1%-13.8%)
County								
Kauai County			16.7%	(14.3%-19.5%)	14.6%	(12.3%-17.4%)	15.1%	(12.9%-17.7%)
Honolulu County			14.7%	(12.2%-17.6%)	14.6%	(12.7%-16.8%)	10.9%	(9.2%-12.8%)
Maui County			19.3%	(16.5%-22.5%)	14.9%	(12.7%-17.4%)	14.6%	(12.0%-17.5%)
Hawaii County			18.1%	(15.3%-21.3%)	18.0%	(15.4%-21.0%)	16.9%	(14.7%-19.4%)
Sex								
Female	21.2%	(18.5%-24.3%)	16.9%	(14.7%-19.2%)	16.7%	(14.7%-18.8%)	13.1%	(11.2%-15.2%)
Male	16.9%	(14.4%-19.8%)	14.9%	(12.4%-17.9%)	13.2%	(10.9%-16.0%)	11.4%	(9.9%-13.2%)
Sexual Orientation								
Bisexual	24.2%	(17.3%-32.7%)	32.4%	(26.6%-38.9%)	20.0%	(13.9%-28.0%)	16.9%	(11.8%-23.7%)
Gay or lesbian	**	(**_**)	**	(**_**)	19.6%	(12.0%-30.5%)	17.3%	(11.2%-25.9%)
Heterosexual	18.7%	(16.4%-21.3%)	15.1%	(13.2%-17.3%)	14.5%	(12.9%-16.3%)	11.9%	(10.6%-13.3%)
Not sure	22.6%	(13.5%-35.2%)	12.7%	(7.3%-21.1%)	12.8%	(7.6%-20.8%)	11.9%	(6.3%-21.4%)
Grade								
9th grade	16.6%	(13.8%-19.7%)	12.0%	(9.1%-15.7%)	9.3%	(7.1%-12.1%)	8.5%	(6.6%-11.0%)
10th grade	19.3%	(17.0%-21.9%)	15.5%	(12.6%-18.9%)	15.8%	(12.6%-19.7%)	13.1%	(10.5%-16.3%)
11th grade	20.5%	(15.5%-26.6%)	16.4%	(13.6%-19.5%)	16.3%	(13.6%-19.4%)	14.1%	(11.7%-16.9%)
12th grade	20.7%	(18.0%-23.7%)	20.3%	(16.6%-24.5%)	20.0%	(16.6%-23.8%)	13.9%	(10.6%-18.1%)
Race								
Native Hawaiian	21.7%	(17.3%-26.8%)	19.1%	(15.7%-23.0%)	19.3%	(17.1%-21.8%)	16.2%	(14.0%-18.7%)
Other Pacific Islander	24.4%	(17.2%-33.4%)	15.0%	(9.6%-22.7%)	10.4%	(7.0%-15.0%)	13.7%	(8.4%-21.6%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	21.9%	(17.2%-27.5%)	16.4%	(12.5%-21.2%)	16.5%	(13.0%-20.6%)	13.8%	(10.8%-17.4%)
Filipino	17.3%	(14.3%-20.9%)	13.9%	(10.9%-17.6%)	12.6%	(9.3%-16.9%)	10.3%	(8.0%-13.2%)
Japanese	8.6%	(4.8%-14.9%)	11.5%	(7.4%-17.4%)	10.7%	(6.6%-16.7%)	3.8%	(1.5%-8.9%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	20.1%	(16.9%-23.7%)	18.3%	(15.6%-21.4%)	15.7%	(13.8%-17.8%)	12.9%	(11.2%-14.9%)
Other Asian	9.6%	(5.2%-17.0%)	7.0%	(3.4%-14.0%)	6.6%	(3.8%-11.1%)	7.5%	(4.4%-12.4%)

Table 67. CRAFFT index score of 4-6: Considered as high risk for substance dependence among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	12.2%	(10.4%-14.2%)	10.1%	(8.5%-12.0%)	10.1%	(8.8%-11.6%)	9.9%	(8.7%-11.2%)
County								
Kauai County			13.0%	(10.4%-16.1%)	11.8%	(9.5%-14.6%)	10.6%	(8.6%-13.1%)
Honolulu County			9.0%	(6.8%-11.8%)	9.1%	(7.3%-11.3%)	8.7%	(7.2%-10.5%)
Maui County			10.8%	(8.7%-13.4%)	13.8%	(11.4%-16.5%)	13.5%	(11.2%-16.2%)
Hawaii County			13.6%	(10.8%-16.9%)	11.4%	(9.6%-13.4%)	12.2%	(9.9%-14.8%)
Sex								
Female	12.2%	(10.0%-14.7%)	10.8%	(8.6%-13.5%)	10.1%	(8.4%-12.1%)	8.8%	(7.4%-10.4%)
Male	12.3%	(10.1%-14.8%)	9.4%	(7.4%-11.8%)	10.2%	(8.7%-11.9%)	10.6%	(8.9%-12.6%)
Sexual Orientation								
Bisexual	27.2%	(19.6%-36.5%)	14.2%	(9.0%-21.7%)	13.4%	(8.6%-20.5%)	14.0%	(9.6%-20.0%)
Gay or lesbian	**	(**_**)	**	(**_**)	20.7%	(12.6%-32.0%)	13.2%	(7.6%-21.8%)
Heterosexual	10.9%	(9.2%-12.8%)	9.7%	(8.1%-11.7%)	9.5%	(8.2%-10.9%)	9.5%	(8.2%-10.9%)
Not sure	19.3%	(10.9%-31.8%)	9.2%	(4.6%-17.4%)	12.9%	(7.1%-22.3%)	7.5%	(4.2%-13.1%)
Grade								
9th grade	10.9%	(8.1%-14.4%)	8.1%	(5.6%-11.7%)	7.8%	(6.0%-10.0%)	8.8%	(6.5%-11.8%)
10th grade	8.1%	(6.1%-10.8%)	9.2%	(6.8%-12.3%)	11.7%	(8.9%-15.2%)	8.4%	(6.2%-11.2%)
11th grade	13.5%	(9.6%-18.7%)	11.0%	(8.8%-13.7%)	9.0%	(7.0%-11.6%)	9.3%	(7.4%-11.7%)
12th grade	17.4%	(13.6%-21.9%)	12.7%	(9.4%-17.1%)	12.5%	(10.1%-15.3%)	12.2%	(9.0%-16.3%)
Race								
Native Hawaiian	13.8%	(10.6%-17.9%)	16.6%	(13.9%-19.7%)	13.7%	(11.5%-16.2%)	12.1%	(9.9%-14.8%)
Other Pacific Islander	19.7%	(13.5%-27.8%)	15.7%	(10.7%-22.4%)	12.3%	(7.9%-18.9%)	17.8%	(13.7%-22.8%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	13.6%	(10.0%-18.1%)	10.9%	(7.8%-15.0%)	8.7%	(5.3%-13.9%)	9.6%	(6.4%-14.2%)
Filipino	10.4%	(7.3%-14.6%)	5.8%	(3.8%-8.7%)	7.1%	(5.0%-9.9%)	5.8%	(3.8%-8.7%)
Japanese	10.5%	(6.7%-16.0%)	3.1%	(1.1%-8.2%)	7.0%	(3.7%-12.8%)	10.8%	(5.7%-19.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	13.0%	(10.7%-15.8%)	11.4%	(8.9%-14.3%)	13.9%	(11.7%-16.5%)	11.1%	(8.5%-14.3%)
Other Asian	5.1%	(1.9%-12.9%)	1.9%	(0.8%-4.4%)	4.9%	(1.7%-12.9%)	8.2%	(5.1%-13.0%)

Table 68. CRAFFT index score of 0 for current users of alcohol or marijuana among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	14.6%	(11.7%-18.0%)	16.3%	(13.6%-19.4%)	18.0%	(15.3%-21.1%)	23.0%	(19.2%-27.3%)
County								
Kauai County			9.4%	(6.1%-14.2%)	18.2%	(13.3%-24.3%)	23.6%	(18.4%-29.7%)
Honolulu County			17.1%	(13.0%-22.2%)	19.1%	(15.3%-23.4%)	25.2%	(19.4%-32.0%)
Maui County			18.6%	(13.9%-24.4%)	15.1%	(11.9%-18.9%)	17.7%	(13.2%-23.2%)
Hawaii County			14.1%	(10.6%-18.5%)	16.1%	(12.2%-20.9%)	20.1%	(15.1%-26.3%)
Sex								
Female	11.1%	(8.4%-14.6%)	14.8%	(11.2%-19.4%)	18.7%	(15.6%-22.3%)	23.0%	(17.9%-29.0%)
Male	18.6%	(14.6%-23.4%)	18.0%	(13.9%-22.9%)	17.2%	(13.4%-21.8%)	22.9%	(18.2%-28.3%)
Sexual Orientation								
Bisexual	14.0%	(6.3%-28.1%)	7.5%	(2.5%-20.4%)	14.3%	(8.4%-23.3%)	21.8%	(12.8%-34.5%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	14.8%	(11.8%-18.4%)	17.5%	(14.7%-20.6%)	19.0%	(15.7%-22.9%)	22.6%	(18.4%-27.4%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Grade								
9th grade	19.5%	(14.0%-26.4%)	16.4%	(12.1%-21.8%)	20.7%	(14.4%-28.9%)	21.6%	(14.5%-30.9%)
10th grade	14.0%	(10.5%-18.3%)	12.9%	(7.7%-21.0%)	13.8%	(10.7%-17.6%)	18.3%	(13.8%-23.9%)
11th grade	12.2%	(6.4%-21.8%)	17.6%	(12.2%-24.6%)	23.5%	(16.1%-33.0%)	21.5%	(16.2%-28.1%)
12th grade	12.6%	(8.6%-18.3%)	18.0%	(12.8%-24.7%)	15.2%	(10.2%-22.0%)	28.5%	(22.0%-36.0%)
Race								
Native Hawaiian	17.1%	(10.9%-26.0%)	13.4%	(8.8%-20.0%)	16.3%	(12.2%-21.4%)	18.7%	(14.3%-24.0%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	12.3%	(7.5%-19.5%)	11.4%	(7.2%-17.6%)	19.8%	(13.3%-28.4%)	23.1%	(16.1%-31.9%)
Filipino	16.3%	(11.0%-23.4%)	24.8%	(19.0%-31.7%)	20.6%	(13.4%-30.4%)	31.3%	(22.9%-41.1%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	11.4%	(7.5%-16.8%)	14.4%	(10.7%-19.2%)	13.3%	(10.2%-17.1%)	18.6%	(14.7%-23.2%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)

Table 69. CRAFFT index score of 1 for current users of alcohol or marijuana among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	16.9%	(14.0%-20.2%)	18.4%	(15.4%-21.9%)	15.1%	(12.8%-17.7%)	19.8%	(17.3%-22.4%)
County								
Kauai County			18.3%	(13.3%-24.6%)	16.2%	(11.4%-22.5%)	16.6%	(12.3%-21.9%)
Honolulu County			19.3%	(15.3%-24.2%)	14.5%	(11.3%-18.5%)	20.3%	(16.7%-24.3%)
Maui County			15.1%	(10.9%-20.6%)	15.2%	(11.7%-19.5%)	20.6%	(16.2%-25.9%)
Hawaii County			18.2%	(13.7%-23.8%)	17.0%	(13.1%-21.8%)	18.5%	(14.4%-23.5%)
Sex								
Female	18.6%	(15.6%-22.2%)	16.9%	(13.2%-21.3%)	14.7%	(11.7%-18.4%)	21.6%	(17.9%-25.9%)
Male	14.8%	(10.7%-20.2%)	20.0%	(15.1%-25.9%)	15.6%	(12.1%-19.9%)	17.8%	(14.3%-21.9%)
Sexual Orientation								
Bisexual	9.3%	(4.8%-17.4%)	21.5%	(13.7%-32.1%)	19.7%	(11.8%-31.1%)	20.7%	(10.9%-35.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	17.5%	(14.2%-21.3%)	18.5%	(15.2%-22.2%)	15.1%	(12.6%-18.0%)	19.9%	(17.1%-23.0%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Grade								
9th grade	12.5%	(8.3%-18.4%)	21.7%	(13.4%-33.3%)	11.9%	(7.1%-19.2%)	19.5%	(13.3%-27.6%)
10th grade	25.2%	(17.6%-34.6%)	15.7%	(11.2%-21.5%)	13.4%	(8.7%-20.1%)	24.1%	(18.1%-31.4%)
11th grade	13.4%	(9.5%-18.7%)	17.1%	(12.0%-23.7%)	18.9%	(14.4%-24.4%)	18.7%	(14.7%-23.5%)
12th grade	15.7%	(10.6%-22.7%)	19.6%	(13.1%-28.1%)	15.8%	(11.8%-21.0%)	18.6%	(13.3%-25.5%)
Race								
Native Hawaiian	18.2%	(13.4%-24.3%)	13.7%	(10.0%-18.4%)	14.7%	(11.6%-18.4%)	19.6%	(16.0%-23.9%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	17.4%	(11.1%-26.1%)	17.0%	(9.5%-28.3%)	22.3%	(15.1%-31.6%)	20.6%	(13.6%-29.9%)
Filipino	16.8%	(10.5%-25.7%)	26.2%	(17.4%-37.3%)	10.1%	(5.2%-18.6%)	23.9%	(15.1%-35.7%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	15.1%	(11.7%-19.1%)	17.6%	(14.0%-22.0%)	16.2%	(13.0%-20.1%)	16.7%	(13.1%-20.9%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)

Table 70. CRAFFT index score of 2-3 for current users of alcohol or marijuana: Considered as high risk for a substance abuse disorder among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	39.3%	(35.9%-42.8%)	36.7%	(33.8%-39.7%)	37.4%	(34.2%-40.7%)	32.3%	(28.9%-35.9%)
County								
Kauai County			37.3%	(31.3%-43.8%)	34.9%	(28.8%-41.5%)	35.3%	(29.2%-42.0%)
Honolulu County			36.3%	(32.5%-40.2%)	38.1%	(33.8%-42.6%)	31.3%	(26.0%-37.1%)
Maui County			39.8%	(33.7%-46.1%)	33.1%	(28.2%-38.4%)	31.2%	(25.4%-37.6%)
Hawaii County			35.4%	(29.4%-42.0%)	39.4%	(34.2%-44.9%)	35.7%	(31.0%-40.7%)
Sex								
Female	41.2%	(37.1%-45.4%)	37.7%	(33.7%-41.9%)	38.3%	(33.3%-43.5%)	31.0%	(26.7%-35.7%)
Male	37.1%	(31.9%-42.6%)	35.6%	(31.0%-40.5%)	36.0%	(30.3%-42.1%)	34.2%	(30.0%-38.7%)
Sexual Orientation								
Bisexual	33.9%	(23.7%-45.8%)	47.9%	(37.6%-58.5%)	38.2%	(27.1%-50.6%)	33.4%	(24.7%-43.4%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	40.4%	(35.8%-45.2%)	36.2%	(33.0%-39.5%)	37.0%	(33.1%-41.0%)	32.5%	(28.6%-36.7%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Grade								
9th grade	38.8%	(32.9%-45.1%)	33.0%	(27.4%-39.0%)	32.8%	(25.3%-41.3%)	31.8%	(25.9%-38.4%)
10th grade	41.8%	(37.0%-46.7%)	41.1%	(33.2%-49.5%)	38.7%	(31.2%-46.9%)	34.1%	(27.3%-41.7%)
11th grade	42.9%	(33.4%-53.0%)	36.2%	(29.1%-43.9%)	35.0%	(28.9%-41.7%)	35.5%	(29.1%-42.4%)
12th grade	34.5%	(30.4%-38.8%)	35.7%	(29.1%-42.8%)	40.7%	(35.0%-46.6%)	28.8%	(21.9%-36.8%)
Race								
Native Hawaiian	37.1%	(29.8%-45.0%)	36.1%	(30.7%-41.8%)	36.4%	(32.2%-40.9%)	35.6%	(30.5%-40.9%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	41.0%	(32.6%-49.9%)	39.8%	(33.1%-47.0%)	36.0%	(26.6%-46.7%)	34.8%	(28.0%-42.3%)
Filipino	39.9%	(31.6%-48.9%)	32.0%	(23.9%-41.3%)	40.7%	(32.1%-49.9%)	28.6%	(21.5%-37.1%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	41.7%	(34.4%-49.4%)	38.2%	(33.0%-43.8%)	34.5%	(29.7%-39.7%)	33.3%	(28.2%-38.9%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)

Table 71. CRAFFT index score of 4-6 for current users of alcohol or marijuana: Considered as high risk for substance dependence among public high school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	29.2%	(25.8%-32.9%)	28.5%	(24.4%-33.1%)	29.5%	(26.1%-33.2%)	24.9%	(21.5%-28.7%)
County								
Kauai County			35.0%	(28.6%-42.0%)	30.7%	(24.8%-37.4%)	24.5%	(19.4%-30.5%)
Honolulu County			27.3%	(20.8%-34.9%)	28.3%	(23.2%-34.0%)	23.3%	(18.3%-29.2%)
Maui County			26.6%	(21.0%-33.0%)	36.7%	(32.0%-41.6%)	30.5%	(25.6%-35.9%)
Hawaii County			32.3%	(26.4%-38.8%)	27.6%	(22.9%-32.8%)	25.6%	(20.9%-31.1%)
Sex								
Female	29.0%	(25.3%-33.2%)	30.6%	(25.0%-36.7%)	28.3%	(23.9%-33.1%)	24.4%	(19.4%-30.2%)
Male	29.4%	(23.8%-35.8%)	26.5%	(20.5%-33.5%)	31.2%	(27.2%-35.6%)	25.1%	(20.7%-30.1%)
Sexual Orientation								
Bisexual	42.8%	(31.3%-55.1%)	23.0%	(15.6%-32.6%)	27.8%	(17.9%-40.6%)	24.1%	(15.1%-36.2%)
Gay or lesbian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Heterosexual	27.3%	(23.6%-31.4%)	27.9%	(23.3%-32.9%)	28.9%	(25.4%-32.6%)	25.0%	(21.2%-29.2%)
Not sure	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Grade								
9th grade	29.2%	(22.5%-36.8%)	28.9%	(19.0%-41.4%)	34.6%	(27.1%-42.9%)	27.1%	(20.3%-35.1%)
10th grade	19.1%	(13.9%-25.6%)	30.3%	(22.6%-39.3%)	34.1%	(26.9%-42.0%)	23.5%	(17.5%-30.7%)
11th grade	31.5%	(24.7%-39.1%)	29.2%	(23.6%-35.5%)	22.6%	(17.5%-28.6%)	24.3%	(19.0%-30.4%)
12th grade	37.2%	(30.5%-44.3%)	26.8%	(19.8%-35.0%)	28.3%	(22.5%-34.9%)	24.0%	(18.1%-31.1%)
Race								
Native Hawaiian	27.5%	(21.0%-35.2%)	36.8%	(30.7%-43.3%)	32.6%	(28.1%-37.4%)	26.1%	(21.1%-31.8%)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	29.3%	(22.0%-37.9%)	31.8%	(24.4%-40.3%)	22.0%	(14.0%-32.7%)	21.5%	(12.5%-34.4%)
Filipino	27.0%	(18.9%-36.9%)	17.0%	(10.8%-25.7%)	28.6%	(21.6%-36.8%)	16.2%	(10.4%-24.3%)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	31.9%	(26.3%-38.0%)	29.8%	(24.0%-36.2%)	36.0%	(31.8%-40.4%)	31.4%	(24.5%-39.2%)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)

Table 72. Depressed in the past 12 months among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	29.5%	(27.0%-32.1%)	29.8%	(27.6%-32.0%)	29.5%	(27.5%-31.6%)	29.5%	(27.9%-31.1%)	34.7%	(32.5%-37.0%)
County										
Kauai County			30.1%	(26.5%-34.0%)	29.2%	(25.8%-32.8%)	28.0%	(25.4%-30.7%)	33.1%	(30.3%-36.0%)
Honolulu County			30.3%	(27.2%-33.5%)	29.0%	(26.3%-31.8%)	28.6%	(26.5%-30.7%)	34.3%	(31.2%-37.6%)
Maui County			27.0%	(24.1%-30.1%)	30.0%	(27.3%-32.9%)	33.1%	(30.0%-36.3%)	37.9%	(34.7%-41.1%)
Hawaii County			29.7%	(26.5%-33.1%)	32.0%	(28.7%-35.5%)	31.4%	(28.9%-34.0%)	34.5%	(31.6%-37.5%)
Sex										
Female	35.2%	(31.9%-38.6%)	37.1%	(33.8%-40.5%)	36.2%	(33.5%-39.0%)	35.0%	(32.7%-37.5%)	44.1%	(40.2%-47.9%)
Male	23.5%	(20.7%-26.5%)	22.3%	(19.9%-25.0%)	22.4%	(20.2%-24.9%)	23.4%	(21.4%-25.4%)	25.3%	(22.9%-28.0%)
Sexual Orientation										
Bisexual	56.8%	(48.4%-64.8%)	52.9%	(43.1%-62.4%)	51.7%	(39.0%-64.1%)	57.8%	(49.6%-65.5%)	64.4%	(56.3%-71.7%)
Gay or lesbian	**	(**_**)	**	(**_**)	35.9%	(27.2%-45.7%)	47.3%	(36.6%-58.2%)	38.8%	(25.5%-54.1%)
Heterosexual	26.8%	(24.5%-29.2%)	28.1%	(26.0%-30.3%)	27.2%	(25.1%-29.4%)	25.6%	(23.9%-27.4%)	31.6%	(29.4%-34.0%)
Not sure	49.8%	(37.3%-62.3%)	40.3%	(28.3%-53.5%)	38.4%	(30.6%-46.9%)	43.0%	(34.9%-51.5%)	39.5%	(31.6%-47.9%)
Grade										
9th grade	29.8%	(25.9%-33.9%)	30.1%	(26.2%-34.4%)	29.2%	(25.3%-33.5%)	26.3%	(23.4%-29.4%)	33.2%	(29.3%-37.4%)
10th grade	27.2%	(23.3%-31.5%)	29.1%	(25.7%-32.7%)	31.5%	(28.5%-34.7%)	31.2%	(27.0%-35.8%)	36.5%	(32.5%-40.7%)
11th grade	29.9%	(25.0%-35.3%)	30.2%	(26.5%-34.2%)	29.1%	(25.2%-33.3%)	31.3%	(28.3%-34.5%)	37.5%	(33.6%-41.5%)
12th grade	31.6%	(28.1%-35.3%)	29.6%	(24.8%-34.8%)	27.7%	(24.8%-30.9%)	29.5%	(24.3%-35.3%)	31.1%	(26.5%-36.2%)
Race										
Native Hawaiian	30.5%	(26.6%-34.6%)	32.2%	(28.3%-36.3%)	31.2%	(28.1%-34.4%)	28.8%	(25.2%-32.8%)	33.8%	(31.1%-36.5%)
Other Pacific Islander	43.4%	(34.5%-52.7%)	37.7%	(28.9%-47.3%)	33.3%	(27.9%-39.2%)	26.7%	(21.7%-32.4%)	32.7%	(23.0%-44.1%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	27.7%	(22.5%-33.7%)	26.4%	(20.6%-33.2%)	26.5%	(22.3%-31.3%)	33.1%	(29.3%-37.1%)	31.3%	(25.5%-37.7%)
Filipino	30.5%	(26.4%-34.9%)	28.9%	(24.3%-34.0%)	31.6%	(27.7%-35.9%)	31.9%	(28.7%-35.2%)	40.0%	(34.9%-45.2%)
Japanese	22.8%	(17.1%-29.7%)	21.9%	(14.8%-31.1%)	18.2%	(15.1%-21.7%)	11.3%	(7.0%-17.9%)	27.1%	(17.2%-39.8%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	32.0%	(26.9%-37.6%)	35.4%	(31.7%-39.2%)	33.8%	(30.8%-37.1%)	32.5%	(29.9%-35.2%)	39.8%	(37.8%-41.8%)
Other Asian	17.4%	(12.0%-24.5%)	21.6%	(16.5%-27.6%)	22.4%	(18.3%-27.0%)	29.4%	(24.5%-34.7%)	26.4%	(18.2%-36.8%)

Table 73. Seriously considered attempting suicide in the past 12 months among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	16.1%	(14.6%-17.8%)	16.9%	(14.9%-19.1%)	16.0%	(14.3%-17.9%)	16.0%	(14.8%-17.3%)	16.7%	(15.2%-18.3%)
County										
Kauai County			14.6%	(12.1%-17.5%)	14.2%	(11.8%-17.1%)	15.7%	(13.7%-17.9%)	16.8%	(14.7%-19.1%)
Honolulu County			17.5%	(14.9%-20.6%)	16.2%	(13.8%-19.0%)	15.1%	(13.4%-16.9%)	15.9%	(13.7%-18.3%)
Maui County			15.9%	(13.5%-18.7%)	15.3%	(13.5%-17.2%)	18.6%	(16.3%-21.1%)	19.6%	(17.1%-22.3%)
Hawaii County			15.6%	(13.2%-18.4%)	16.6%	(14.2%-19.3%)	18.6%	(16.6%-20.8%)	18.2%	(15.7%-20.9%)
Sex										
Female	20.2%	(18.3%-22.3%)	20.4%	(18.0%-23.1%)	20.1%	(18.0%-22.4%)	18.7%	(17.1%-20.4%)	20.1%	(17.5%-23.0%)
Male	12.0%	(9.9%-14.4%)	13.1%	(10.7%-15.9%)	11.7%	(9.8%-13.8%)	12.6%	(11.1%-14.2%)	13.3%	(11.4%-15.4%)
Sexual Orientation										
Bisexual	37.4%	(27.6%-48.4%)	43.5%	(32.6%-55.1%)	35.8%	(26.4%-46.4%)	43.1%	(35.0%-51.7%)	42.0%	(34.6%-49.7%)
Gay or lesbian	**	(**_**)	**	(**_**)	24.7%	(16.5%-35.4%)	28.8%	(20.5%-38.9%)	16.4%	(8.5%-29.2%)
Heterosexual	14.9%	(13.3%-16.6%)	14.1%	(12.4%-16.0%)	13.5%	(12.2%-15.0%)	12.2%	(11.0%-13.5%)	14.4%	(13.0%-15.9%)
Not sure	17.1%	(10.9%-25.9%)	25.1%	(16.9%-35.5%)	29.0%	(21.2%-38.3%)	31.2%	(23.4%-40.3%)	18.8%	(12.6%-27.0%)
Grade										
9th grade	17.8%	(14.9%-21.1%)	18.0%	(14.8%-21.7%)	16.6%	(13.7%-20.0%)	16.1%	(13.5%-19.1%)	16.3%	(13.4%-19.6%)
10th grade	15.1%	(11.8%-19.0%)	15.6%	(13.2%-18.4%)	17.9%	(14.8%-21.5%)	17.0%	(14.2%-20.3%)	18.5%	(15.1%-22.5%)
11th grade	14.9%	(12.0%-18.3%)	18.2%	(15.3%-21.5%)	13.8%	(11.4%-16.6%)	15.0%	(13.0%-17.2%)	15.6%	(12.7%-19.0%)
12th grade	16.4%	(13.8%-19.4%)	15.4%	(11.9%-19.6%)	15.4%	(12.1%-19.3%)	15.3%	(12.3%-18.9%)	15.6%	(12.4%-19.4%)
Race										
Native Hawaiian	17.0%	(14.6%-19.6%)	19.7%	(16.1%-23.8%)	19.6%	(16.7%-22.9%)	17.5%	(15.4%-19.8%)	17.4%	(15.6%-19.3%)
Other Pacific Islander	19.1%	(13.8%-25.7%)	21.5%	(14.4%-30.8%)	13.6%	(8.7%-20.5%)	12.3%	(8.2%-18.2%)	12.2%	(7.6%-19.0%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	16.4%	(13.3%-20.1%)	12.6%	(8.4%-18.5%)	15.6%	(11.7%-20.6%)	18.9%	(14.5%-24.2%)	19.4%	(16.1%-23.3%)
Filipino	12.6%	(9.9%-15.9%)	13.4%	(10.6%-16.9%)	13.0%	(10.4%-16.2%)	13.6%	(11.1%-16.5%)	16.6%	(13.4%-20.3%)
Japanese	12.6%	(7.8%-19.7%)	17.3%	(10.9%-26.4%)	11.2%	(8.5%-14.7%)	9.1%	(5.2%-15.3%)	9.5%	(4.9%-17.5%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	20.9%	(17.1%-25.2%)	22.3%	(19.0%-26.0%)	18.9%	(16.6%-21.5%)	18.4%	(16.2%-20.8%)	21.5%	(19.8%-23.4%)
Other Asian	12.3%	(7.7%-18.9%)	9.9%	(6.5%-14.9%)	14.2%	(11.0%-18.1%)	14.0%	(9.2%-20.6%)	8.5%	(4.8%-14.5%)

Table 74. Made a plan to attempt suicide in the past 12 months among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	15.0%	(13.3%-16.9%)	15.2%	(13.7%-16.9%)	15.6%	(14.3%-17.0%)	13.8%	(12.5%-15.1%)	14.6%	(13.4%-15.8%)
County										
Kauai County			15.3%	(13.1%-17.7%)	13.9%	(11.5%-16.8%)	12.9%	(11.3%-14.7%)	14.9%	(12.7%-17.5%)
Honolulu County			15.4%	(13.4%-17.8%)	15.9%	(14.2%-17.8%)	13.3%	(11.5%-15.3%)	13.8%	(12.2%-15.4%)
Maui County			14.5%	(12.0%-17.5%)	14.8%	(12.7%-17.2%)	15.0%	(13.0%-17.1%)	17.3%	(15.2%-19.7%)
Hawaii County			14.8%	(12.3%-17.7%)	15.5%	(13.2%-18.1%)	15.7%	(13.7%-17.9%)	15.8%	(13.6%-18.3%)
Sex										
Female	17.9%	(15.6%-20.4%)	18.7%	(16.1%-21.6%)	18.8%	(17.1%-20.6%)	15.2%	(13.6%-16.8%)	17.8%	(15.4%-20.5%)
Male	11.8%	(9.9%-14.0%)	11.4%	(10.0%-12.9%)	12.1%	(10.4%-14.0%)	11.9%	(10.4%-13.6%)	11.4%	(10.0%-12.9%)
Sexual Orientation										
Bisexual	34.9%	(27.5%-43.0%)	40.0%	(32.2%-48.4%)	33.8%	(26.9%-41.4%)	37.6%	(30.7%-45.0%)	32.0%	(25.8%-38.9%)
Gay or lesbian	**	(**_**)	**	(**_**)	23.2%	(14.9%-34.2%)	25.8%	(18.4%-34.9%)	14.4%	(6.8%-28.0%)
Heterosexual	13.4%	(11.8%-15.2%)	12.3%	(11.0%-13.8%)	13.1%	(11.8%-14.5%)	10.8%	(9.8%-12.0%)	12.6%	(11.4%-13.9%)
Not sure	24.7%	(14.4%-39.1%)	27.3%	(16.6%-41.4%)	27.7%	(20.6%-36.1%)	22.4%	(16.4%-29.8%)	20.5%	(14.6%-28.0%)
Grade										
9th grade	15.7%	(13.0%-18.9%)	15.3%	(12.9%-18.1%)	15.5%	(12.9%-18.5%)	13.9%	(12.0%-16.1%)	15.1%	(12.6%-18.1%)
10th grade	13.7%	(11.6%-16.0%)	14.4%	(12.3%-16.8%)	16.7%	(14.0%-19.7%)	14.8%	(12.5%-17.6%)	14.7%	(12.6%-17.0%)
11th grade	11.9%	(9.9%-14.2%)	17.5%	(14.6%-20.8%)	15.1%	(13.0%-17.4%)	14.2%	(11.5%-17.3%)	14.4%	(12.1%-17.1%)
12th grade	18.3%	(14.5%-22.9%)	13.4%	(10.6%-16.7%)	14.4%	(11.6%-17.7%)	11.4%	(8.8%-14.6%)	13.9%	(11.3%-17.0%)
Race										
Native Hawaiian	15.3%	(12.7%-18.2%)	17.1%	(14.4%-20.1%)	16.7%	(14.4%-19.2%)	15.7%	(13.2%-18.5%)	15.9%	(14.2%-17.9%)
Other Pacific Islander	19.2%	(11.9%-29.4%)	18.1%	(13.0%-24.7%)	15.3%	(10.8%-21.2%)	7.6%	(4.7%-11.9%)	15.2%	(11.4%-20.1%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	16.3%	(12.2%-21.6%)	9.8%	(7.0%-13.6%)	14.9%	(11.5%-19.2%)	15.9%	(11.0%-22.5%)	11.9%	(8.7%-16.2%)
Filipino	13.2%	(10.3%-16.8%)	12.0%	(9.4%-15.2%)	14.2%	(11.6%-17.2%)	11.0%	(8.8%-13.8%)	14.5%	(11.7%-17.9%)
Japanese	8.0%	(4.1%-15.0%)	16.2%	(10.4%-24.3%)	10.3%	(7.2%-14.4%)	4.2%	(2.0%-8.3%)	8.5%	(4.8%-14.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	17.5%	(14.4%-21.2%)	21.0%	(18.3%-24.0%)	19.1%	(16.5%-22.0%)	17.4%	(15.1%-19.9%)	19.0%	(17.2%-20.9%)
Other Asian	12.4%	(7.2%-20.6%)	11.5%	(7.5%-17.4%)	11.0%	(7.0%-16.9%)	13.5%	(9.2%-19.5%)	10.8%	(6.6%-17.2%)

Table 75. Attempted suicide in the past 12 months among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	8.6%	(7.2%-10.3%)	10.7%	(9.1%-12.6%)	10.5%	(9.3%-11.8%)	10.0%	(8.6%-11.4%)	10.5%	(9.1%-12.2%)
County										
Kauai County			9.6%	(7.8%-11.7%)	11.4%	(8.7%-14.7%)	9.1%	(7.1%-11.6%)	10.9%	(9.0%-13.3%)
Honolulu County			11.1%	(9.0%-13.5%)	9.5%	(7.9%-11.4%)	9.5%	(7.7%-11.7%)	9.9%	(7.8%-12.5%)
Maui County			10.2%	(8.2%-12.6%)	11.5%	(9.5%-13.9%)	11.4%	(9.7%-13.4%)	12.8%	(10.8%-15.1%)
Hawaii County			9.7%	(7.2%-13.0%)	14.6%	(11.9%-17.7%)	11.5%	(9.5%-13.9%)	11.2%	(9.2%-13.7%)
Sex										
Female	10.5%	(8.8%-12.6%)	13.3%	(10.8%-16.3%)	11.0%	(9.5%-12.8%)	9.8%	(8.5%-11.3%)	11.2%	(9.3%-13.5%)
Male	6.5%	(4.9%-8.6%)	7.7%	(5.8%-10.1%)	9.3%	(7.3%-11.7%)	9.0%	(7.3%-11.1%)	9.0%	(7.7%-10.5%)
Sexual Orientation										
Bisexual	26.0%	(18.0%-36.0%)	33.7%	(23.7%-45.4%)	24.6%	(16.7%-34.8%)	26.5%	(21.3%-32.4%)	17.1%	(11.4%-24.8%)
Gay or lesbian	**	(**_**)	**	(**_**)	30.1%	(18.9%-44.4%)	26.6%	(19.1%-35.8%)	10.1%	(5.3%-18.5%)
Heterosexual	6.9%	(5.6%-8.6%)	8.3%	(6.9%-10.0%)	8.1%	(6.9%-9.5%)	7.2%	(6.0%-8.5%)	9.1%	(7.7%-10.7%)
Not sure	**	(**_**)	19.2%	(10.2%-33.2%)	10.3%	(5.9%-17.4%)	12.8%	(8.1%-19.6%)	17.9%	(11.5%-26.7%)
Grade										
9th grade	10.9%	(8.6%-13.6%)	12.1%	(9.2%-15.7%)	12.0%	(9.6%-14.8%)	9.4%	(7.5%-11.6%)	9.9%	(7.7%-12.6%)
10th grade	7.7%	(5.3%-10.9%)	10.1%	(7.7%-13.1%)	8.6%	(6.8%-10.9%)	11.8%	(9.3%-14.8%)	12.8%	(10.1%-16.1%)
11th grade	6.8%	(4.9%-9.4%)	9.0%	(6.9%-11.5%)	10.8%	(8.0%-14.5%)	9.6%	(7.8%-11.8%)	11.0%	(9.0%-13.4%)
12th grade	8.6%	(5.9%-12.3%)	11.1%	(7.8%-15.4%)	9.1%	(7.5%-11.0%)	7.3%	(5.4%-10.0%)	7.1%	(5.2%-9.6%)
Race										
Native Hawaiian	9.0%	(6.9%-11.7%)	15.8%	(12.9%-19.2%)	14.1%	(12.1%-16.4%)	12.1%	(9.6%-15.2%)	12.2%	(10.4%-14.2%)
Other Pacific Islander	20.8%	(14.0%-29.8%)	19.3%	(13.3%-27.3%)	17.3%	(12.2%-24.1%)	11.6%	(7.7%-17.0%)	12.2%	(6.4%-21.9%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	6.6%	(4.5%-9.6%)	7.0%	(3.9%-12.2%)	7.6%	(5.3%-10.9%)	6.1%	(4.1%-9.0%)	8.0%	(5.5%-11.6%)
Filipino	7.2%	(4.9%-10.5%)	8.3%	(5.7%-11.8%)	8.2%	(6.2%-10.8%)	10.1%	(7.9%-12.7%)	9.2%	(6.6%-12.6%)
Japanese	4.3%	(1.9%-9.8%)	8.6%	(4.3%-16.4%)	6.7%	(3.7%-11.8%)	0.5%	(0.2%-1.2%)	3.4%	(1.1%-9.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	10.4%	(7.8%-13.6%)	10.7%	(8.7%-13.0%)	12.2%	(10.1%-14.5%)	10.9%	(9.4%-12.6%)	11.3%	(9.8%-13.0%)
Other Asian	7.1%	(3.9%-12.7%)	3.9%	(1.6%-9.0%)	4.4%	(2.3%-8.2%)	7.7%	(4.6%-12.8%)	7.1%	(3.8%-13.0%)

Table 76. Suicide attempt that resulted in injury, poisoning, or overdose that had to be treated by doctor or nurse among public high school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	3.4%	(2.6%-4.4%)	3.2%	(2.4%-4.3%)	3.4%	(2.8%-4.1%)	2.4%	(1.9%-3.1%)	3.2%	(2.5%-4.1%)
County										
Kauai County			2.8%	(1.7%-4.6%)	4.5%	(3.0%-6.7%)	3.4%	(2.4%-4.9%)	3.0%	(1.9%-4.5%)
Honolulu County			2.9%	(1.9%-4.5%)	2.9%	(2.1%-3.8%)	2.1%	(1.4%-3.0%)	2.9%	(1.9%-4.2%)
Maui County			4.3%	(3.0%-6.3%)	4.1%	(3.1%-5.5%)	3.1%	(2.2%-4.4%)	4.0%	(3.0%-5.3%)
Hawaii County			3.9%	(2.6%-5.7%)	5.0%	(3.3%-7.5%)	3.5%	(2.4%-5.0%)	4.3%	(3.2%-5.7%)
Sex										
Female	4.1%	(3.1%-5.4%)	3.6%	(2.4%-5.3%)	3.1%	(2.2%-4.2%)	2.3%	(1.8%-2.9%)	2.8%	(2.0%-4.0%)
Male	2.6%	(1.6%-4.2%)	2.6%	(1.8%-3.8%)	3.5%	(2.6%-4.7%)	2.5%	(1.8%-3.5%)	3.4%	(2.5%-4.7%)
Sexual Orientation										
Bisexual	13.2%	(6.2%-25.7%)	8.9%	(4.2%-17.9%)	6.2%	(3.6%-10.5%)	6.6%	(3.4%-12.5%)	4.4%	(2.7%-7.2%)
Gay or lesbian	**	(**_**)	**	(**_**)	12.8%	(7.7%-20.6%)	6.1%	(3.1%-11.6%)	7.1%	(3.0%-15.6%)
Heterosexual	2.4%	(1.7%-3.3%)	2.5%	(1.8%-3.5%)	2.7%	(2.1%-3.4%)	1.7%	(1.3%-2.4%)	2.4%	(1.9%-3.1%)
Not sure	**	(**_**)	8.5%	(2.4%-25.8%)	1.6%	(0.7%-3.6%)	3.3%	(1.6%-6.7%)	11.0%	(5.4%-21.1%)
Grade										
9th grade	3.1%	(1.9%-4.8%)	3.4%	(2.1%-5.2%)	3.2%	(2.2%-4.6%)	2.2%	(1.4%-3.3%)	3.4%	(2.2%-5.3%)
10th grade	3.2%	(2.0%-5.1%)	3.2%	(2.0%-4.9%)	3.5%	(2.6%-4.7%)	3.0%	(1.8%-5.0%)	3.2%	(2.4%-4.3%)
11th grade	3.7%	(2.2%-6.1%)	3.1%	(1.4%-6.6%)	4.4%	(2.9%-6.5%)	2.4%	(1.6%-3.4%)	3.7%	(2.2%-6.2%)
12th grade	3.7%	(2.2%-6.3%)	2.9%	(1.5%-5.5%)	1.9%	(1.3%-2.8%)	2.0%	(1.2%-3.4%)	2.1%	(1.3%-3.4%)
Race										
Native Hawaiian	2.8%	(1.5%-5.2%)	4.3%	(3.3%-5.6%)	5.0%	(3.4%-7.2%)	3.5%	(2.3%-5.5%)	4.2%	(3.1%-5.7%)
Other Pacific Islander	11.1%	(6.1%-19.5%)	6.3%	(2.5%-14.6%)	6.3%	(3.0%-12.8%)	5.4%	(2.8%-9.9%)	3.9%	(1.1%-12.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	3.7%	(2.1%-6.6%)	3.6%	(1.6%-7.8%)	1.1%	(0.5%-2.4%)	1.9%	(0.8%-4.3%)	2.9%	(1.3%-6.0%)
Filipino	2.7%	(1.5%-4.7%)	2.4%	(1.2%-4.9%)	2.4%	(1.5%-3.8%)	1.7%	(0.9%-3.4%)	1.6%	(0.7%-3.5%)
Japanese	2.9%	(0.9%-9.1%)	3.0%	(0.7%-11.8%)	3.9%	(1.8%-8.3%)	0.2%	(0.1%-0.8%)	0.2%	(0.0%-1.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	3.8%	(2.4%-5.8%)	2.4%	(1.6%-3.6%)	3.9%	(3.1%-5.0%)	2.4%	(1.8%-3.2%)	3.6%	(2.8%-4.6%)
Other Asian	3.3%	(1.7%-6.3%)	1.1%	(0.4%-2.8%)	1.3%	(0.3%-5.8%)	3.8%	(1.3%-10.1%)	1.9%	(0.5%-7.0%)

Table 77. Hurt self without wanting to die in past 12 months among public high school students by county, sex, sexual orientation, grade, and race in 2013-2019

	2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	20.6%	(18.7%-22.6%)	23.0%	(21.0%-25.2%)	19.1%	(17.3%-21.0%)	19.7%	(18.0%-21.6%)
County								
Kauai County	20.5%	(17.5%-23.9%)	20.8%	(18.3%-23.6%)	16.4%	(14.0%-19.1%)	20.6%	(18.5%-22.8%)
Honolulu County	20.6%	(17.9%-23.5%)	22.6%	(19.8%-25.8%)	18.3%	(15.7%-21.2%)	18.5%	(16.1%-21.2%)
Maui County	20.5%	(17.5%-23.8%)	23.3%	(20.7%-26.2%)	21.1%	(18.8%-23.5%)	23.2%	(20.7%-25.9%)
Hawaii County	20.9%	(18.2%-24.0%)	25.5%	(22.7%-28.6%)	22.4%	(19.9%-25.0%)	22.2%	(19.5%-25.2%)
Sex								
Female	25.7%	(22.4%-29.3%)	27.9%	(24.9%-31.2%)	23.1%	(20.5%-25.8%)	24.1%	(20.8%-27.7%)
Male	15.1%	(13.1%-17.3%)	17.7%	(15.7%-19.9%)	14.2%	(12.0%-16.9%)	14.9%	(13.4%-16.6%)
Sexual Orientation								
Bisexual	50.1%	(40.8%-59.5%)	43.6%	(31.8%-56.1%)	47.3%	(41.0%-53.8%)	39.5%	(32.5%-47.0%)
Gay or lesbian	**	(**_**)	38.0%	(29.2%-47.6%)	34.8%	(28.1%-42.1%)	35.8%	(24.9%-48.4%)
Heterosexual	18.0%	(16.3%-19.8%)	20.0%	(18.0%-22.2%)	14.9%	(13.4%-16.6%)	16.9%	(14.9%-19.0%)
Not sure	34.8%	(22.9%-49.0%)	33.4%	(26.2%-41.4%)	31.6%	(24.4%-39.9%)	27.6%	(20.6%-35.9%)
Grade								
9th grade	22.0%	(18.5%-25.9%)	25.5%	(21.8%-29.5%)	19.1%	(16.6%-22.0%)	22.2%	(19.5%-25.2%)
10th grade	20.9%	(18.3%-23.7%)	22.7%	(19.3%-26.6%)	19.2%	(15.8%-23.1%)	20.3%	(16.5%-24.8%)
11th grade	18.6%	(15.8%-21.8%)	21.5%	(17.6%-26.1%)	17.1%	(14.7%-19.7%)	20.0%	(17.3%-22.9%)
12th grade	19.9%	(16.1%-24.3%)	20.7%	(18.2%-23.5%)	20.5%	(16.8%-24.8%)	14.7%	(11.9%-18.1%)
Race								
Native Hawaiian	23.7%	(20.9%-26.7%)	27.7%	(25.2%-30.4%)	20.3%	(17.8%-22.9%)	19.1%	(16.9%-21.4%)
Other Pacific Islander	24.8%	(16.7%-35.2%)	23.5%	(16.3%-32.6%)	16.7%	(12.4%-22.0%)	20.3%	(14.2%-28.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	20.0%	(13.4%-29.0%)	19.6%	(14.4%-25.9%)	18.0%	(14.8%-21.8%)	19.7%	(14.2%-26.7%)
Filipino	18.8%	(15.6%-22.5%)	22.2%	(18.2%-26.9%)	18.4%	(15.0%-22.3%)	18.8%	(15.4%-22.7%)
Japanese	14.1%	(7.9%-24.1%)	14.5%	(10.7%-19.4%)	10.9%	(6.5%-17.9%)	22.4%	(14.8%-32.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	22.5%	(20.1%-25.1%)	25.1%	(22.6%-27.8%)	20.7%	(18.5%-23.1%)	24.1%	(22.1%-26.2%)
Other Asian	12.3%	(8.5%-17.3%)	13.4%	(11.1%-16.2%)	12.0%	(7.3%-19.1%)	6.6%	(2.9%-14.5%)

YRBS Middle School Analysis

Table 78. Ever drank alcohol among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	32.6%	(30.3%-34.9%)	24.5%	(22.2%-26.9%)	24.0%	(21.5%-26.7%)	23.5%	(21.2%-25.9%)	22.6%	(20.5%-24.9%)
County										
Kauai County	28.7%	(25.1%-32.5%)	26.4%	(22.7%-30.4%)	26.1%	(22.9%-29.5%)	26.1%	(22.8%-29.8%)	27.1%	(23.7%-30.8%)
Honolulu County	31.6%	(28.6%-34.7%)	22.6%	(19.8%-25.6%)	22.4%	(19.0%-26.2%)	21.2%	(18.2%-24.5%)	19.5%	(16.5%-22.9%)
Maui County	33.7%	(30.3%-37.3%)	23.5%	(20.3%-27.0%)	24.7%	(21.4%-28.3%)	25.6%	(22.6%-29.0%)	23.9%	(21.1%-27.0%)
Hawaii County	38.3%	(34.0%-42.7%)	34.3%	(30.0%-39.0%)	29.7%	(26.4%-33.1%)	31.2%	(28.2%-34.3%)	34.0%	(30.5%-37.8%)
Sex										
Female	32.0%	(29.5%-34.7%)	25.6%	(22.4%-29.0%)	25.0%	(21.1%-29.3%)	25.6%	(22.9%-28.6%)	23.4%	(21.0%-25.9%)
Male	33.1%	(30.2%-36.1%)	23.4%	(20.7%-26.4%)	23.1%	(20.9%-25.4%)	21.2%	(18.6%-24.1%)	21.8%	(19.2%-24.6%)
Sexual Orientation										
Bisexual							48.5%	(37.9%-59.2%)	34.4%	(28.4%-41.1%)
Heterosexual							22.9%	(21.0%-24.9%)	22.8%	(20.7%-25.0%)
Gay or lesbian							56.3%	(36.8%-74.1%)	23.6%	(13.9%-37.2%)
Not sure							16.6%	(13.0%-20.9%)	14.6%	(10.9%-19.4%)
Grade										
6th grade	21.7%	(18.5%-25.3%)	14.8%	(12.2%-17.9%)	18.1%	(15.6%-21.0%)	16.4%	(13.6%-19.6%)	14.1%	(11.2%-17.6%)
7th grade	31.6%	(28.4%-35.0%)	21.7%	(18.8%-25.0%)	23.0%	(19.4%-27.0%)	20.2%	(17.3%-23.3%)	21.1%	(18.1%-24.4%)
8th grade	39.4%	(34.9%-44.0%)	32.4%	(28.2%-36.8%)	28.1%	(24.8%-31.6%)	30.9%	(27.7%-34.3%)	28.6%	(25.8%-31.6%)
Race										
Native Hawaiian	39.1%	(35.4%-42.9%)	31.0%	(27.8%-34.4%)	34.8%	(31.5%-38.2%)	31.9%	(29.3%-34.6%)	31.2%	(28.4%-34.2%)
Other Pacific Islander	33.3%	(24.4%-43.7%)	30.1%	(22.0%-39.6%)	21.8%	(13.0%-34.4%)	24.1%	(19.2%-29.8%)	20.8%	(18.0%-23.9%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	28.3%	(21.4%-36.4%)	23.1%	(18.2%-28.8%)	23.0%	(17.9%-29.1%)	16.6%	(11.1%-24.3%)	23.5%	(18.8%-29.0%)
Filipino	30.7%	(26.2%-35.5%)	23.1%	(19.7%-27.1%)	20.6%	(17.0%-24.8%)	17.6%	(14.9%-20.8%)	18.5%	(15.5%-21.8%)
Japanese	16.9%	(12.4%-22.6%)	10.9%	(5.6%-20.1%)	7.2%	(4.0%-12.5%)	17.5%	(11.5%-25.7%)	10.7%	(4.7%-22.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	36.0%	(32.6%-39.5%)	28.2%	(25.1%-31.5%)	26.7%	(23.0%-30.6%)	31.9%	(29.3%-34.5%)	29.7%	(27.4%-32.2%)
Other Asian	27.7%	(21.0%-35.5%)	17.1%	(11.2%-25.2%)	11.0%	(6.0%-19.3%)	21.4%	(14.3%-30.8%)	11.9%	(8.7%-16.0%)

Table 79. Current alcohol use among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	12.5%	(10.5%-14.8%)	9.5%	(8.1%-11.2%)	10.4%	(9.0%-12.0%)	11.6%	(10.0%-13.5%)	7.0%	(6.1%-8.0%)
County										
Kauai County	10.5%	(8.3%-13.3%)	12.2%	(9.7%-15.2%)	13.8%	(11.5%-16.4%)	13.5%	(11.5%-15.8%)	9.4%	(7.6%-11.5%)
Honolulu County	11.9%	(9.2%-15.3%)	7.9%	(5.8%-10.7%)	9.2%	(7.6%-11.2%)	10.7%	(8.7%-13.1%)	5.5%	(4.5%-6.8%)
Maui County	12.6%	(10.1%-15.6%)	10.7%	(8.8%-13.1%)	11.3%	(9.4%-13.6%)	12.8%	(11.0%-14.8%)	8.1%	(6.5%-9.9%)
Hawaii County	16.5%	(13.6%-19.8%)	15.0%	(12.1%-18.6%)	13.5%	(11.0%-16.4%)	14.3%	(12.1%-16.8%)	11.9%	(9.9%-14.2%)
Sex										
Female	13.3%	(10.5%-16.8%)	11.1%	(9.2%-13.2%)	11.2%	(9.4%-13.2%)	13.3%	(10.8%-16.4%)	8.7%	(7.4%-10.1%)
Male	11.6%	(9.9%-13.6%)	8.0%	(6.2%-10.2%)	9.5%	(7.8%-11.4%)	9.8%	(8.2%-11.7%)	5.5%	(4.2%-7.3%)
Sexual Orientation										
Bisexual							25.6%	(15.1%-40.1%)	14.8%	(10.4%-20.6%)
Heterosexual							11.6%	(10.1%-13.2%)	6.9%	(6.0%-7.8%)
Gay or lesbian							**	(**_**)	**	(**_**)
Not sure							8.7%	(6.8%-10.9%)	4.3%	(2.1%-8.5%)
Grade										
6th grade	6.9%	(4.6%-10.3%)	6.7%	(4.4%-10.3%)	8.7%	(6.8%-11.1%)	7.9%	(5.8%-10.6%)	4.8%	(3.5%-6.6%)
7th grade	10.7%	(8.5%-13.4%)	7.9%	(6.2%-10.2%)	9.4%	(7.8%-11.1%)	9.5%	(8.0%-11.4%)	5.3%	(4.2%-6.7%)
8th grade	17.6%	(13.9%-22.2%)	12.7%	(10.2%-15.8%)	12.2%	(9.7%-15.1%)	16.1%	(12.8%-20.0%)	10.2%	(8.8%-11.8%)
Race										
Native Hawaiian	15.8%	(12.9%-19.3%)	13.3%	(10.8%-16.2%)	14.3%	(12.3%-16.6%)	15.4%	(13.0%-18.3%)	10.0%	(8.4%-11.9%)
Other Pacific Islander	17.6%	(11.9%-25.2%)	13.4%	(8.5%-20.4%)	7.9%	(4.1%-14.7%)	12.4%	(8.1%-18.7%)	6.0%	(3.4%-10.4%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	13.2%	(10.7%-16.1%)	10.4%	(7.4%-14.6%)	9.8%	(6.8%-13.8%)	9.4%	(6.2%-14.0%)	6.9%	(5.0%-9.6%)
Filipino	8.5%	(6.0%-12.0%)	8.6%	(6.5%-11.2%)	8.2%	(6.0%-11.0%)	9.7%	(7.7%-12.2%)	6.6%	(5.5%-7.8%)
Japanese	3.1%	(1.4%-6.8%)	3.0%	(1.2%-7.7%)	3.0%	(1.1%-8.4%)	10.3%	(5.7%-17.7%)	3.7%	(1.1%-11.1%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	15.1%	(12.7%-18.0%)	11.8%	(9.9%-14.1%)	13.0%	(11.0%-15.2%)	16.7%	(14.6%-19.0%)	11.5%	(10.1%-13.0%)
Other Asian	5.7%	(2.5%-12.7%)	2.4%	(0.7%-8.5%)	6.8%	(3.1%-14.0%)	5.3%	(1.5%-17.4%)	0.4%	(0.1%-1.3%)

Table 80. Current binge drinking among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	7.7%	(6.0%-10.0%)	4.4%	(3.5%-5.4%)	5.3%	(4.3%-6.6%)	5.4%	(4.3%-6.8%)	4.6%	(3.9%-5.4%)
County										
Kauai County	5.1%	(3.8%-6.9%)	5.7%	(4.2%-7.6%)	7.0%	(5.4%-9.0%)	7.2%	(5.7%-9.0%)	6.6%	(4.9%-8.8%)
Honolulu County	7.7%	(5.4%-10.8%)	3.6%	(2.5%-5.0%)	4.8%	(3.5%-6.6%)	4.8%	(3.4%-6.9%)	3.8%	(2.8%-5.1%)
Maui County	8.4%	(6.4%-10.9%)	4.2%	(3.1%-5.7%)	6.1%	(4.6%-7.9%)	5.9%	(4.5%-7.5%)	5.1%	(3.9%-6.6%)
Hawaii County	8.9%	(7.0%-11.4%)	8.0%	(5.8%-10.8%)	6.2%	(4.8%-8.0%)	6.9%	(5.7%-8.5%)	6.9%	(5.6%-8.4%)
Sex										
Female	7.9%	(5.5%-11.1%)	5.1%	(3.7%-7.0%)	5.7%	(4.6%-7.1%)	6.7%	(5.2%-8.7%)	5.3%	(4.3%-6.4%)
Male	7.6%	(6.0%-9.5%)	3.6%	(2.9%-4.5%)	4.8%	(3.5%-6.6%)	3.9%	(3.0%-5.0%)	3.9%	(2.8%-5.4%)
Sexual Orientation										
Bisexual							14.4%	(9.3%-21.5%)	9.5%	(5.8%-15.1%)
Heterosexual							5.3%	(4.3%-6.4%)	4.4%	(3.7%-5.1%)
Gay or lesbian							**	(**_**)	**	(**_**)
Not sure							3.8%	(2.0%-7.1%)	2.2%	(1.4%-3.5%)
Grade										
6th grade	4.4%	(2.9%-6.8%)	1.6%	(0.9%-2.7%)	3.9%	(2.5%-5.9%)	3.1%	(1.7%-5.8%)	3.2%	(2.2%-4.5%)
7th grade	7.0%	(5.2%-9.4%)	3.7%	(2.7%-5.1%)	4.5%	(3.4%-6.0%)	4.6%	(3.5%-6.1%)	3.4%	(2.5%-4.6%)
8th grade	10.3%	(7.2%-14.6%)	6.5%	(4.6%-9.0%)	6.7%	(5.0%-8.9%)	7.3%	(5.9%-8.9%)	6.2%	(5.1%-7.6%)
Race										
Native Hawaiian	8.8%	(6.4%-11.9%)	6.5%	(5.0%-8.5%)	7.4%	(6.0%-9.2%)	9.2%	(7.6%-11.2%)	6.9%	(5.4%-8.7%)
Other Pacific Islander	12.4%	(9.4%-16.2%)	5.2%	(3.3%-8.2%)	5.5%	(2.2%-13.1%)	5.3%	(2.9%-9.6%)	5.0%	(3.0%-8.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	6.0%	(3.3%-10.6%)	5.8%	(3.4%-9.8%)	5.5%	(3.4%-8.7%)	2.0%	(0.8%-4.7%)	3.1%	(1.6%-5.7%)
Filipino	6.0%	(3.9%-9.1%)	3.2%	(1.6%-6.4%)	4.1%	(2.8%-6.1%)	4.1%	(2.9%-5.7%)	4.1%	(2.6%-6.2%)
Japanese	6.8%	(4.2%-10.8%)	2.7%	(0.9%-7.8%)	0.1%	(0.0%-0.7%)	2.5%	(0.6%-10.2%)	2.4%	(0.6%-9.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	9.1%	(6.6%-12.5%)	5.8%	(4.4%-7.5%)	6.3%	(5.1%-7.8%)	8.3%	(7.0%-9.8%)	7.0%	(5.8%-8.4%)
Other Asian	5.9%	(2.3%-14.4%)	.	(.-.)	4.0%	(1.4%-10.9%)	4.2%	(1.1%-14.2%)	0.2%	(0.0%-0.7%)

Table 81. Consumed alcohol before age 13 among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	27.1%	(24.7%-29.6%)	20.0%	(17.8%-22.5%)	18.7%	(16.4%-21.2%)	18.6%	(16.8%-20.4%)	18.2%	(16.2%-20.5%)
County										
Kauai County	23.6%	(20.6%-26.9%)	22.2%	(19.2%-25.5%)	21.8%	(19.2%-24.6%)	21.9%	(19.0%-25.1%)	22.9%	(20.1%-25.9%)
Honolulu County	25.7%	(22.5%-29.2%)	18.1%	(15.3%-21.2%)	16.9%	(13.7%-20.6%)	16.5%	(13.8%-19.6%)	15.4%	(13.1%-18.2%)
Maui County	28.8%	(25.7%-32.1%)	19.3%	(16.6%-22.3%)	19.3%	(16.4%-22.7%)	19.7%	(17.2%-22.6%)	18.9%	(16.6%-21.4%)
Hawaii County	33.7%	(29.8%-37.7%)	29.7%	(26.1%-33.7%)	24.7%	(22.0%-27.6%)	25.8%	(23.3%-28.6%)	28.6%	(25.3%-32.1%)
Sex										
Female	25.8%	(23.1%-28.8%)	20.0%	(16.8%-23.8%)	19.4%	(15.9%-23.5%)	20.2%	(18.0%-22.6%)	18.9%	(16.6%-21.4%)
Male	28.2%	(25.3%-31.3%)	20.0%	(17.7%-22.5%)	18.1%	(15.8%-20.6%)	16.8%	(14.4%-19.5%)	17.5%	(15.2%-20.1%)
Sexual Orientation										
Bisexual							37.4%	(29.0%-46.7%)	25.1%	(19.9%-31.1%)
Heterosexual							17.9%	(16.2%-19.8%)	18.5%	(16.8%-20.4%)
Gay or lesbian							54.9%	(35.4%-73.1%)	19.3%	(10.6%-32.6%)
Not sure							12.2%	(8.8%-16.5%)	11.8%	(8.6%-16.1%)
Grade										
6th grade	21.7%	(18.5%-25.3%)	14.8%	(12.2%-17.9%)	17.9%	(15.4%-20.7%)	16.3%	(13.6%-19.5%)	14.0%	(11.1%-17.5%)
7th grade	29.3%	(26.1%-32.8%)	19.9%	(16.7%-23.4%)	20.9%	(17.4%-25.0%)	17.7%	(15.2%-20.5%)	19.6%	(16.5%-23.0%)
8th grade	27.4%	(23.2%-32.1%)	22.7%	(19.1%-26.8%)	16.5%	(14.0%-19.4%)	20.4%	(18.0%-23.0%)	18.9%	(16.1%-22.0%)
Race										
Native Hawaiian	33.3%	(29.9%-36.9%)	25.5%	(22.6%-28.6%)	26.8%	(24.1%-29.7%)	25.6%	(23.5%-27.9%)	26.8%	(23.9%-30.0%)
Other Pacific Islander	27.2%	(20.0%-36.0%)	26.1%	(19.0%-34.9%)	14.7%	(9.8%-21.4%)	17.9%	(13.1%-24.1%)	16.5%	(11.9%-22.4%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	23.5%	(17.7%-30.5%)	19.6%	(14.5%-26.0%)	19.8%	(15.2%-25.5%)	13.2%	(8.9%-19.2%)	18.8%	(14.0%-24.6%)
Filipino	24.3%	(19.3%-30.1%)	17.8%	(14.3%-21.8%)	14.4%	(11.3%-18.1%)	12.4%	(10.1%-15.2%)	13.1%	(10.8%-15.9%)
Japanese	15.5%	(11.5%-20.8%)	8.3%	(4.6%-14.6%)	6.0%	(2.9%-11.8%)	15.2%	(9.3%-23.9%)	10.5%	(4.6%-22.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	29.7%	(26.9%-32.7%)	23.1%	(20.5%-26.0%)	21.7%	(18.6%-25.3%)	26.1%	(24.0%-28.4%)	24.0%	(21.7%-26.5%)
Other Asian	23.5%	(17.7%-30.5%)	12.5%	(8.3%-18.5%)	8.2%	(3.9%-16.2%)	16.5%	(12.3%-21.9%)	9.0%	(6.5%-12.3%)

Table 82. Ever ridden in a car driven by someone who had been high on marijuana or other illegal drugs among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	9.1%	(8.0%-10.4%)	9.6%	(8.1%-11.4%)
County				
Kauai County	12.2%	(9.8%-15.0%)	11.6%	(9.8%-13.7%)
Honolulu County	7.6%	(6.1%-9.4%)	7.8%	(5.7%-10.5%)
Maui County	9.7%	(7.8%-11.9%)	12.2%	(10.2%-14.5%)
Hawaii County	14.6%	(12.1%-17.6%)	14.6%	(12.4%-17.0%)
Sex				
Female	9.4%	(8.1%-10.7%)	8.7%	(6.8%-11.0%)
Male	8.8%	(7.2%-10.8%)	10.6%	(8.8%-12.6%)
Grade				
6th grade	7.3%	(5.2%-10.3%)	6.8%	(5.2%-8.9%)
7th grade	8.1%	(6.2%-10.5%)	9.0%	(7.0%-11.5%)
8th grade	11.0%	(8.8%-13.6%)	11.3%	(9.5%-13.4%)
Race				
Native Hawaiian	15.9%	(12.7%-19.6%)	16.0%	(13.5%-18.9%)
Black	**	(**_**)	**	(**_**)
Caucasian	9.8%	(6.6%-14.2%)	10.8%	(7.3%-15.9%)
Filipino	5.9%	(4.3%-7.9%)	5.0%	(3.5%-7.1%)
Japanese	1.8%	(0.4%-8.5%)	0.4%	(0.1%-1.0%)

Table 83. Students whose parents would think it was wrong to drink alcohol regularly among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	89.1%	(88.2%-90.0%)	90.0%	(88.7%-91.1%)	87.8%	(86.6%-88.8%)	87.8%	(86.2%-89.3%)	88.1%	(86.7%-89.5%)
County										
Kauai County	88.4%	(86.1%-90.3%)	86.4%	(83.7%-88.7%)	87.9%	(85.9%-89.6%)	88.1%	(85.9%-90.0%)	87.0%	(84.7%-89.0%)
Honolulu County	90.2%	(88.8%-91.3%)	90.8%	(88.9%-92.3%)	88.0%	(85.8%-89.9%)	87.5%	(84.9%-89.7%)	89.2%	(86.7%-91.3%)
Maui County	88.3%	(85.2%-90.8%)	90.9%	(89.0%-92.6%)	88.6%	(86.7%-90.2%)	89.9%	(88.1%-91.4%)	88.0%	(86.3%-89.6%)
Hawaii County	85.5%	(83.0%-87.7%)	87.0%	(84.1%-89.4%)	85.8%	(83.4%-87.9%)	87.3%	(85.4%-89.0%)	83.6%	(81.6%-85.5%)
Sex										
Female	90.5%	(89.0%-91.7%)	90.8%	(89.0%-92.4%)	89.0%	(87.3%-90.5%)	88.8%	(86.5%-90.7%)	89.1%	(87.3%-90.6%)
Male	87.8%	(86.2%-89.2%)	89.1%	(87.2%-90.8%)	86.7%	(85.1%-88.2%)	87.1%	(84.7%-89.2%)	87.4%	(85.1%-89.4%)
Sexual Orientation										
Bisexual							85.3%	(77.0%-90.9%)	84.3%	(79.8%-88.1%)
Heterosexual							88.8%	(87.2%-90.2%)	89.5%	(87.5%-91.2%)
Gay or lesbian							85.0%	(65.3%-94.5%)	86.7%	(69.0%-95.1%)
Not sure							83.2%	(75.4%-88.9%)	82.1%	(77.6%-85.8%)
Grade										
6th grade	88.9%	(86.0%-91.2%)	86.7%	(84.1%-88.9%)	86.8%	(84.5%-88.8%)	89.9%	(85.3%-93.1%)	87.6%	(85.8%-89.1%)
7th grade	89.2%	(87.8%-90.5%)	91.8%	(89.6%-93.6%)	87.6%	(85.5%-89.5%)	87.1%	(84.3%-89.4%)	88.4%	(86.6%-90.0%)
8th grade	89.4%	(87.6%-90.9%)	90.3%	(88.0%-92.2%)	88.7%	(86.0%-90.9%)	87.7%	(84.4%-90.3%)	88.4%	(85.7%-90.6%)
Race										
Native Hawaiian	88.7%	(86.5%-90.6%)	89.4%	(86.8%-91.5%)	87.6%	(85.5%-89.4%)	87.0%	(85.2%-88.7%)	85.7%	(82.7%-88.2%)
Other Pacific Islander	93.3%	(88.8%-96.1%)	90.0%	(82.4%-94.6%)	90.5%	(76.9%-96.4%)	88.2%	(83.9%-91.5%)	89.6%	(86.0%-92.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	89.0%	(84.5%-92.3%)	94.1%	(91.0%-96.2%)	87.9%	(82.6%-91.8%)	90.7%	(86.7%-93.7%)	90.7%	(87.6%-93.0%)
Filipino	88.9%	(86.6%-90.8%)	88.1%	(84.0%-91.3%)	87.8%	(85.0%-90.2%)	89.6%	(87.0%-91.7%)	88.2%	(85.5%-90.4%)
Japanese	90.3%	(86.1%-93.4%)	94.2%	(88.3%-97.2%)	88.6%	(79.9%-93.8%)	82.9%	(69.3%-91.2%)	92.5%	(86.4%-96.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	88.9%	(86.9%-90.6%)	89.6%	(87.8%-91.2%)	88.7%	(86.5%-90.5%)	89.3%	(87.9%-90.5%)	87.7%	(85.9%-89.2%)
Other Asian	86.6%	(80.6%-90.9%)	93.0%	(86.9%-96.4%)	89.8%	(82.0%-94.4%)	86.0%	(81.7%-89.4%)	90.0%	(81.7%-94.7%)

Table 84. Current alcohol or marijuana use among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	17.2%	(14.8%-19.9%)	13.4%	(11.7%-15.4%)	14.8%	(13.2%-16.6%)	15.4%	(13.3%-17.9%)	11.9%	(10.4%-13.6%)
County										
Kauai County	15.5%	(12.3%-19.4%)	15.8%	(12.9%-19.2%)	17.7%	(15.1%-20.5%)	17.0%	(14.6%-19.7%)	15.8%	(12.9%-19.3%)
Honolulu County	16.3%	(13.1%-20.2%)	11.1%	(8.5%-14.4%)	13.4%	(11.2%-15.9%)	14.1%	(11.2%-17.7%)	9.9%	(8.0%-12.3%)
Maui County	17.5%	(14.5%-20.8%)	14.4%	(12.0%-17.2%)	15.8%	(13.3%-18.7%)	16.2%	(14.1%-18.5%)	12.8%	(10.7%-15.3%)
Hawaii County	22.6%	(19.2%-26.3%)	22.5%	(18.7%-26.8%)	19.0%	(16.1%-22.1%)	20.3%	(17.7%-23.2%)	18.2%	(15.8%-21.0%)
Sex										
Female	17.0%	(13.6%-20.9%)	14.0%	(11.8%-16.5%)	14.3%	(12.4%-16.5%)	16.3%	(13.4%-19.8%)	13.2%	(11.3%-15.3%)
Male	17.6%	(15.4%-19.9%)	12.8%	(10.5%-15.5%)	15.1%	(13.0%-17.6%)	14.3%	(11.8%-17.2%)	10.6%	(8.7%-12.8%)
Sexual Orientation										
Bisexual							36.6%	(25.9%-48.8%)	20.5%	(15.8%-26.2%)
Heterosexual							14.6%	(12.5%-17.0%)	11.4%	(9.8%-13.2%)
Gay or lesbian							**	(**_**)	**	(**_**)
Not sure							11.4%	(9.4%-13.7%)	8.0%	(5.0%-12.5%)
Grade										
6th grade	10.0%	(7.2%-13.7%)	8.9%	(6.3%-12.5%)	12.5%	(10.0%-15.6%)	9.7%	(7.7%-12.2%)	7.1%	(5.3%-9.5%)
7th grade	15.0%	(12.5%-17.7%)	12.2%	(9.8%-15.1%)	12.9%	(10.9%-15.1%)	13.4%	(11.2%-16.0%)	9.0%	(7.1%-11.4%)
8th grade	23.6%	(19.1%-28.6%)	17.1%	(14.0%-20.7%)	17.5%	(14.8%-20.6%)	21.0%	(16.9%-25.8%)	16.8%	(14.8%-19.1%)
Race										
Native Hawaiian	23.4%	(19.8%-27.3%)	19.3%	(16.6%-22.3%)	20.6%	(18.0%-23.5%)	21.7%	(18.7%-25.0%)	18.0%	(15.6%-20.6%)
Other Pacific Islander	26.5%	(19.5%-34.9%)	17.7%	(12.5%-24.5%)	13.0%	(8.0%-20.5%)	20.6%	(16.8%-24.9%)	17.5%	(13.1%-22.9%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	18.4%	(15.1%-22.2%)	15.2%	(11.5%-19.8%)	12.8%	(9.8%-16.5%)	11.0%	(7.7%-15.3%)	9.0%	(6.5%-12.3%)
Filipino	12.0%	(9.3%-15.2%)	11.3%	(8.7%-14.6%)	11.6%	(9.2%-14.6%)	12.2%	(9.8%-15.2%)	8.8%	(7.5%-10.3%)
Japanese	6.5%	(3.2%-13.0%)	3.3%	(1.3%-8.3%)	3.9%	(1.7%-8.5%)	10.7%	(6.0%-18.3%)	4.2%	(1.5%-11.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	18.3%	(15.3%-21.8%)	16.3%	(13.9%-19.1%)	17.4%	(15.1%-19.9%)	20.9%	(18.5%-23.5%)	18.0%	(15.9%-20.2%)
Other Asian	6.4%	(2.8%-13.9%)	3.8%	(1.2%-11.4%)	6.8%	(3.1%-14.0%)	6.7%	(2.5%-17.1%)	0.5%	(0.2%-1.6%)

Table 85. Current marijuana use among public middle school students by county, sex, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	9.3%	(7.8%-11.2%)	7.5%	(6.3%-8.9%)	7.9%	(6.7%-9.3%)	7.6%	(6.2%-9.2%)	7.2%	(6.1%-8.6%)
County										
Kauai County	7.6%	(5.6%-10.2%)	8.1%	(6.1%-10.8%)	8.7%	(7.3%-10.4%)	7.7%	(6.2%-9.7%)	10.7%	(8.3%-13.6%)
Honolulu County	8.5%	(6.4%-11.3%)	6.0%	(4.6%-7.8%)	7.0%	(5.3%-9.3%)	6.6%	(4.6%-9.4%)	6.2%	(4.8%-8.0%)
Maui County	10.1%	(7.9%-12.7%)	7.5%	(5.9%-9.6%)	8.8%	(7.2%-10.6%)	7.4%	(5.9%-9.2%)	7.9%	(6.4%-9.7%)
Hawaii County	13.5%	(11.2%-16.2%)	14.6%	(11.6%-18.2%)	10.6%	(8.7%-12.9%)	12.2%	(10.2%-14.5%)	9.6%	(8.0%-11.6%)
Sex										
Female	7.8%	(5.9%-10.4%)	6.9%	(5.3%-9.1%)	7.0%	(5.7%-8.5%)	8.2%	(6.5%-10.3%)	7.3%	(5.8%-9.0%)
Male	10.8%	(9.2%-12.7%)	8.1%	(6.7%-9.8%)	8.8%	(7.2%-10.8%)	6.8%	(5.1%-8.9%)	7.1%	(5.7%-8.7%)
Sexual Orientation										
Bisexual							23.6%	(15.7%-33.9%)	9.8%	(6.9%-13.7%)
Heterosexual							6.9%	(5.2%-9.2%)	7.1%	(5.8%-8.6%)
Gay or lesbian							26.6%	(16.6%-39.8%)	16.1%	(7.4%-31.7%)
Not sure							3.8%	(2.2%-6.5%)	4.5%	(3.0%-6.7%)
Grade										
6th grade	4.7%	(3.3%-6.7%)	3.9%	(2.5%-6.1%)	6.2%	(4.6%-8.3%)	2.9%	(2.1%-3.9%)	4.0%	(2.5%-6.1%)
7th grade	7.3%	(6.1%-8.7%)	7.6%	(5.9%-9.7%)	6.7%	(4.9%-9.1%)	6.9%	(5.3%-9.0%)	5.7%	(4.2%-7.6%)
8th grade	13.8%	(10.6%-17.8%)	9.4%	(7.3%-12.1%)	9.7%	(7.5%-12.5%)	11.2%	(8.7%-14.3%)	10.1%	(8.4%-12.1%)
Race										
Native Hawaiian	14.7%	(11.9%-18.1%)	12.6%	(10.8%-14.7%)	12.9%	(10.6%-15.7%)	12.4%	(10.6%-14.4%)	11.8%	(9.9%-13.9%)
Other Pacific Islander	13.4%	(10.0%-17.9%)	9.0%	(4.9%-15.9%)	7.6%	(4.1%-13.6%)	13.8%	(10.4%-18.1%)	15.1%	(10.9%-20.6%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	9.9%	(7.1%-13.7%)	10.0%	(6.9%-14.2%)	4.9%	(3.6%-6.6%)	2.6%	(1.2%-5.9%)	3.1%	(1.7%-5.7%)
Filipino	5.7%	(4.1%-7.9%)	4.5%	(2.6%-7.6%)	5.3%	(3.6%-7.8%)	5.1%	(3.4%-7.5%)	4.0%	(2.8%-5.6%)
Japanese	4.2%	(1.6%-10.4%)	1.3%	(0.2%-7.7%)	0.9%	(0.2%-3.6%)	2.6%	(0.4%-13.5%)	2.8%	(0.8%-9.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	8.5%	(6.6%-11.0%)	8.7%	(7.0%-10.8%)	9.4%	(7.8%-11.3%)	10.8%	(9.2%-12.6%)	10.8%	(9.1%-12.7%)
Other Asian	2.9%	(1.3%-6.3%)	1.3%	(0.2%-9.6%)	2.2%	(0.4%-11.2%)	3.3%	(1.2%-8.7%)	0.1%	(0.0%-0.9%)

Table 86. Marijuana use before age 13 among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	10.1%	(8.4%-12.0%)	8.0%	(6.8%-9.5%)	7.4%	(6.3%-8.8%)	8.4%	(6.8%-10.3%)	7.4%	(5.9%-9.2%)
County										
Kauai County	8.3%	(6.5%-10.5%)	10.2%	(8.1%-12.7%)	8.9%	(7.4%-10.8%)	10.4%	(8.8%-12.4%)	11.8%	(9.6%-14.5%)
Honolulu County	8.0%	(6.0%-10.6%)	6.2%	(4.7%-8.2%)	6.2%	(4.6%-8.1%)	6.8%	(4.9%-9.3%)	5.9%	(3.9%-8.8%)
Maui County	14.2%	(11.5%-17.4%)	9.0%	(7.3%-11.2%)	9.0%	(7.3%-11.0%)	9.8%	(8.0%-11.9%)	8.4%	(6.9%-10.3%)
Hawaii County	17.1%	(14.7%-19.9%)	15.0%	(12.6%-17.9%)	11.0%	(9.2%-13.0%)	13.6%	(11.5%-16.0%)	11.5%	(9.7%-13.6%)
Sex										
Female	8.0%	(6.5%-9.8%)	7.5%	(5.9%-9.5%)	6.2%	(4.7%-8.0%)	8.0%	(6.4%-10.1%)	7.0%	(5.4%-9.1%)
Male	12.1%	(9.9%-14.6%)	8.6%	(7.0%-10.4%)	8.7%	(7.5%-10.0%)	8.5%	(6.7%-10.7%)	7.6%	(6.0%-9.6%)
Sexual Orientation										
Bisexual							17.7%	(11.1%-27.0%)	12.7%	(9.2%-17.4%)
Heterosexual							8.4%	(6.9%-10.3%)	7.4%	(5.8%-9.4%)
Gay or lesbian							30.1%	(19.4%-43.5%)	9.6%	(5.4%-16.5%)
Not sure							3.7%	(2.2%-6.2%)	3.4%	(1.8%-6.3%)
Grade										
6th grade	5.5%	(3.3%-9.1%)	5.6%	(3.9%-7.9%)	4.8%	(3.6%-6.2%)	4.1%	(3.0%-5.5%)	4.9%	(3.5%-6.8%)
7th grade	9.4%	(7.6%-11.5%)	8.1%	(6.4%-10.2%)	7.2%	(5.2%-9.8%)	8.5%	(6.3%-11.4%)	6.8%	(4.8%-9.5%)
8th grade	13.3%	(10.5%-16.7%)	9.3%	(7.0%-12.3%)	8.8%	(7.4%-10.6%)	10.5%	(8.4%-13.1%)	9.2%	(7.3%-11.6%)
Race										
Native Hawaiian	15.1%	(12.5%-18.2%)	14.1%	(12.0%-16.6%)	12.9%	(10.5%-15.8%)	15.9%	(13.7%-18.5%)	13.3%	(11.0%-16.0%)
Other Pacific Islander	13.7%	(10.1%-18.5%)	10.0%	(5.4%-17.9%)	8.6%	(3.6%-19.1%)	11.2%	(8.9%-13.9%)	8.9%	(5.5%-14.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	10.9%	(6.9%-16.7%)	10.4%	(7.2%-14.7%)	4.6%	(3.0%-7.0%)	4.0%	(1.9%-8.4%)	4.6%	(2.6%-8.1%)
Filipino	6.5%	(4.4%-9.6%)	4.1%	(2.7%-6.2%)	3.7%	(2.4%-5.7%)	4.2%	(2.4%-7.1%)	4.3%	(2.9%-6.2%)
Japanese	3.2%	(1.4%-7.4%)	1.4%	(0.3%-6.8%)	2.3%	(0.6%-8.0%)	0.1%	(0.0%-0.7%)	5.4%	(1.6%-16.4%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	10.3%	(7.9%-13.3%)	8.4%	(6.9%-10.3%)	8.6%	(7.0%-10.5%)	13.7%	(12.0%-15.6%)	10.7%	(9.0%-12.7%)
Other Asian	4.9%	(1.8%-12.6%)	6.2%	(1.8%-19.0%)	3.1%	(0.9%-10.0%)	5.1%	(2.1%-12.2%)	1.7%	(0.4%-6.3%)

Table 87. Ever used marijuana among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	13.2%	(11.1%-15.6%)	10.1%	(8.7%-11.6%)	10.2%	(8.7%-12.0%)	11.9%	(9.8%-14.3%)	10.6%	(8.7%-12.9%)
County										
Kauai County	11.8%	(9.4%-14.8%)	12.8%	(10.2%-15.9%)	11.8%	(9.8%-14.1%)	13.9%	(11.5%-16.6%)	15.5%	(12.7%-18.8%)
Honolulu County	11.0%	(8.4%-14.4%)	7.9%	(6.4%-9.7%)	8.8%	(6.6%-11.5%)	10.3%	(7.7%-13.5%)	8.8%	(6.3%-12.3%)
Maui County	16.5%	(13.5%-20.0%)	11.0%	(8.9%-13.6%)	12.1%	(9.9%-14.7%)	13.1%	(10.9%-15.6%)	11.8%	(9.9%-14.0%)
Hawaii County	20.9%	(18.0%-24.2%)	18.7%	(15.6%-22.1%)	14.2%	(11.6%-17.3%)	17.6%	(14.9%-20.8%)	15.6%	(13.3%-18.3%)
Sex										
Female	11.4%	(9.1%-14.0%)	9.5%	(7.8%-11.5%)	9.4%	(7.6%-11.5%)	12.0%	(9.8%-14.6%)	11.1%	(8.9%-13.8%)
Male	14.9%	(12.6%-17.6%)	10.6%	(8.9%-12.6%)	11.0%	(9.5%-12.8%)	11.5%	(9.2%-14.4%)	10.0%	(8.0%-12.4%)
Sexual Orientation										
Bisexual							25.6%	(17.2%-36.4%)	15.6%	(11.2%-21.2%)
Heterosexual							12.1%	(9.9%-14.7%)	11.0%	(8.9%-13.4%)
Gay or lesbian							32.1%	(20.8%-46.0%)	11.2%	(6.6%-18.3%)
Not sure							5.9%	(3.6%-9.7%)	5.4%	(3.3%-8.9%)
Grade										
6th grade	5.6%	(3.3%-9.1%)	5.6%	(4.0%-8.0%)	4.8%	(3.6%-6.2%)	4.3%	(3.2%-5.6%)	5.0%	(3.6%-6.9%)
7th grade	10.6%	(8.9%-12.7%)	8.7%	(6.9%-11.0%)	8.8%	(6.7%-11.4%)	10.0%	(7.8%-12.9%)	8.5%	(6.1%-11.6%)
8th grade	20.1%	(16.4%-24.3%)	13.9%	(11.3%-17.1%)	14.4%	(12.0%-17.3%)	18.4%	(15.4%-21.8%)	15.9%	(13.1%-19.2%)
Race										
Native Hawaiian	20.7%	(17.6%-24.1%)	17.0%	(14.8%-19.5%)	16.4%	(14.2%-19.0%)	20.4%	(17.6%-23.5%)	18.3%	(15.6%-21.3%)
Other Pacific Islander	16.4%	(11.9%-22.1%)	12.3%	(7.1%-20.5%)	11.6%	(5.8%-21.9%)	17.3%	(13.2%-22.3%)	15.9%	(11.8%-21.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	12.8%	(8.7%-18.6%)	11.9%	(8.2%-16.8%)	6.8%	(4.6%-10.1%)	6.0%	(3.2%-10.9%)	6.9%	(3.8%-12.1%)
Filipino	9.0%	(6.6%-12.1%)	5.2%	(3.7%-7.3%)	6.8%	(4.8%-9.6%)	7.4%	(5.0%-10.9%)	5.4%	(3.9%-7.2%)
Japanese	4.0%	(1.8%-8.4%)	2.8%	(1.0%-7.3%)	2.4%	(0.7%-8.0%)	2.3%	(0.4%-13.7%)	6.6%	(2.3%-17.9%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	13.0%	(10.3%-16.4%)	12.1%	(10.1%-14.5%)	12.1%	(10.0%-14.6%)	18.3%	(16.3%-20.4%)	16.1%	(14.2%-18.3%)
Other Asian	7.6%	(4.2%-13.4%)	7.7%	(2.9%-19.0%)	4.5%	(1.8%-10.9%)	6.8%	(2.5%-17.1%)	4.4%	(1.8%-10.6%)

Table 88. Ever used cocaine among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	2.9%	(2.2%-3.8%)	2.5%	(1.9%-3.4%)	3.2%	(2.5%-4.1%)	3.3%	(2.6%-4.1%)	2.8%	(2.2%-3.5%)
County										
Kauai County	2.0%	(1.2%-3.3%)	3.3%	(2.1%-5.1%)	3.6%	(2.7%-4.8%)	3.0%	(2.1%-4.4%)	3.6%	(2.3%-5.7%)
Honolulu County	3.0%	(2.0%-4.4%)	2.4%	(1.5%-3.6%)	3.1%	(2.0%-4.7%)	3.4%	(2.5%-4.6%)	2.8%	(2.1%-3.8%)
Maui County	3.0%	(2.0%-4.3%)	1.7%	(1.1%-2.6%)	3.0%	(2.2%-4.0%)	2.3%	(1.5%-3.7%)	1.9%	(1.3%-2.8%)
Hawaii County	2.8%	(1.9%-4.1%)	4.0%	(2.8%-5.9%)	3.6%	(2.5%-5.1%)	4.0%	(2.9%-5.5%)	3.1%	(2.2%-4.2%)
Sex										
Female	2.5%	(1.8%-3.4%)	2.6%	(1.7%-3.9%)	2.4%	(1.8%-3.1%)	3.3%	(2.4%-4.6%)	2.5%	(1.8%-3.4%)
Male	3.4%	(2.3%-5.0%)	2.5%	(1.8%-3.4%)	4.0%	(3.0%-5.4%)	3.2%	(2.2%-4.6%)	3.0%	(2.2%-4.2%)
Sexual Orientation										
Bisexual							5.0%	(2.4%-10.2%)	2.1%	(0.7%-6.1%)
Heterosexual							2.8%	(2.2%-3.7%)	2.8%	(2.2%-3.5%)
Gay or lesbian							15.9%	(5.9%-36.2%)	2.8%	(1.1%-6.9%)
Not sure							2.9%	(1.8%-4.6%)	1.9%	(0.8%-4.7%)
Grade										
6th grade	1.8%	(1.1%-3.1%)	2.9%	(1.6%-5.2%)	3.9%	(3.0%-5.1%)	2.6%	(1.7%-3.9%)	2.3%	(1.5%-3.4%)
7th grade	3.0%	(2.1%-4.2%)	2.2%	(1.5%-3.1%)	2.7%	(1.7%-4.3%)	3.3%	(2.4%-4.6%)	2.3%	(1.4%-3.6%)
8th grade	3.2%	(2.3%-4.3%)	2.5%	(1.5%-4.2%)	3.2%	(2.2%-4.6%)	3.6%	(2.3%-5.6%)	3.4%	(2.4%-4.8%)
Race										
Native Hawaiian	2.8%	(2.0%-4.0%)	2.9%	(1.8%-4.7%)	2.9%	(2.3%-3.7%)	3.3%	(2.6%-4.2%)	3.3%	(2.2%-5.0%)
Other Pacific Islander	8.7%	(5.0%-14.8%)	3.5%	(1.6%-7.6%)	5.6%	(2.7%-11.1%)	5.1%	(2.4%-10.9%)	2.2%	(1.4%-3.6%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	3.0%	(1.8%-5.0%)	2.3%	(1.2%-4.6%)	4.3%	(2.7%-6.9%)	1.1%	(0.3%-4.1%)	1.7%	(0.7%-4.3%)
Filipino	1.9%	(1.0%-3.6%)	2.5%	(1.6%-4.1%)	2.1%	(1.1%-4.2%)	3.0%	(1.9%-4.7%)	2.4%	(1.5%-3.9%)
Japanese	0.1%	(0.0%-1.1%)	0.3%	(0.1%-1.1%)	2.8%	(1.0%-7.6%)	2.9%	(1.1%-7.6%)	5.0%	(1.9%-12.6%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	3.0%	(2.0%-4.7%)	3.7%	(2.7%-5.1%)	3.9%	(2.8%-5.2%)	3.2%	(2.4%-4.4%)	3.0%	(2.3%-4.1%)
Other Asian	1.4%	(0.3%-5.6%)	.	(.-)	0.8%	(0.1%-6.0%)	6.3%	(2.2%-16.4%)	2.8%	(0.9%-8.1%)

Table 89. Ever used ecstasy among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2017

	2011		2013		2015		2017	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	2.2%	(1.6%-3.1%)	1.9%	(1.4%-2.5%)	1.7%	(1.3%-2.2%)	1.5%	(1.1%-2.0%)
County								
Kauai County	0.9%	(0.4%-1.8%)	2.0%	(1.3%-3.2%)	2.0%	(1.4%-2.9%)	2.2%	(1.4%-3.3%)
Honolulu County	2.6%	(1.7%-3.8%)	1.7%	(1.0%-2.7%)	1.7%	(1.1%-2.5%)	1.3%	(0.7%-2.3%)
Maui County	1.7%	(1.0%-2.7%)	1.7%	(1.0%-2.9%)	1.6%	(1.0%-2.4%)	2.0%	(1.4%-2.9%)
Hawaii County	2.0%	(1.3%-3.2%)	2.9%	(1.7%-4.9%)	2.0%	(1.2%-3.2%)	1.8%	(1.2%-2.5%)
Sex								
Female	1.9%	(1.3%-2.9%)	1.6%	(1.0%-2.5%)	0.9%	(0.6%-1.4%)	1.4%	(0.9%-2.1%)
Male	2.4%	(1.6%-3.5%)	2.1%	(1.5%-3.1%)	2.6%	(1.9%-3.5%)	1.4%	(1.0%-1.9%)
Sexual Orientation								
Bisexual							3.5%	(1.4%-8.3%)
Heterosexual							1.1%	(0.8%-1.5%)
Gay or lesbian							13.4%	(6.8%-24.9%)
Not sure							1.1%	(0.5%-2.1%)
Grade								
6th grade	0.9%	(0.5%-1.7%)	1.2%	(0.6%-2.5%)	1.2%	(0.7%-1.9%)	1.7%	(1.0%-2.6%)
7th grade	1.7%	(0.9%-3.3%)	2.1%	(1.4%-3.3%)	1.1%	(0.7%-1.9%)	1.4%	(0.9%-2.1%)
8th grade	3.6%	(2.6%-4.9%)	1.9%	(1.2%-3.0%)	2.4%	(1.7%-3.4%)	1.5%	(0.9%-2.5%)
Race								
Native Hawaiian	2.4%	(1.6%-3.6%)	2.6%	(1.6%-4.0%)	2.1%	(1.5%-3.0%)	1.6%	(1.1%-2.5%)
Other Pacific Islander	2.4%	(0.5%-10.3%)	0.9%	(0.3%-3.3%)	0.1%	(0.0%-0.6%)	1.4%	(0.4%-4.9%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	1.7%	(0.4%-6.5%)	4.0%	(2.1%-7.2%)	1.6%	(0.7%-3.7%)	.	(.-.)
Filipino	2.2%	(1.1%-4.2%)	1.1%	(0.5%-2.5%)	1.9%	(1.0%-3.6%)	1.1%	(0.6%-2.0%)
Japanese	.	(.-.)	0.2%	(0.0%-1.2%)	0.6%	(0.1%-4.8%)	0.2%	(0.0%-0.8%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	3.1%	(2.2%-4.3%)	2.2%	(1.5%-3.2%)	2.3%	(1.6%-3.3%)	3.2%	(2.4%-4.3%)
Other Asian	.	(.-.)	0.1%	(0.0%-1.1%)	2.0%	(0.8%-4.8%)	0.2%	(0.1%-0.9%)

Table 90. Ever used methamphetamines among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	2.6%	(2.0%-3.3%)	2.5%	(1.8%-3.4%)	2.7%	(2.0%-3.6%)	2.1%	(1.6%-2.8%)	3.7%	(3.0%-4.4%)
County										
Kauai County	2.1%	(1.2%-3.5%)	2.8%	(1.8%-4.2%)	3.0%	(2.0%-4.3%)	2.5%	(1.7%-3.6%)	4.6%	(3.4%-6.3%)
Honolulu County	2.7%	(1.9%-3.8%)	2.5%	(1.6%-3.9%)	2.6%	(1.6%-4.1%)	1.9%	(1.3%-2.8%)	3.8%	(3.1%-4.7%)
Maui County	2.5%	(1.6%-3.8%)	1.5%	(0.9%-2.6%)	2.5%	(1.8%-3.4%)	2.5%	(1.6%-3.8%)	3.0%	(2.2%-4.2%)
Hawaii County	2.8%	(1.9%-4.1%)	3.4%	(2.2%-5.3%)	3.0%	(2.0%-4.4%)	2.6%	(1.9%-3.8%)	3.0%	(2.1%-4.1%)
Sex										
Female	2.0%	(1.4%-2.8%)	2.0%	(1.4%-2.8%)	1.7%	(1.1%-2.7%)	2.0%	(1.4%-2.8%)	2.9%	(2.2%-3.8%)
Male	3.0%	(2.1%-4.3%)	3.0%	(2.1%-4.3%)	3.4%	(2.5%-4.7%)	2.1%	(1.5%-3.1%)	4.3%	(3.3%-5.5%)
Sexual Orientation										
Bisexual							2.4%	(1.1%-5.2%)	3.3%	(1.5%-7.1%)
Heterosexual							1.8%	(1.3%-2.5%)	3.3%	(2.7%-4.0%)
Gay or lesbian							**	(**_**)	**	(**_**)
Not sure							1.6%	(1.0%-2.6%)	4.8%	(3.6%-6.3%)
Grade										
6th grade	1.9%	(1.4%-2.7%)	1.7%	(0.9%-3.0%)	3.1%	(2.2%-4.3%)	2.4%	(1.6%-3.6%)	3.6%	(2.4%-5.3%)
7th grade	1.9%	(1.3%-2.7%)	2.9%	(2.0%-4.2%)	2.7%	(1.7%-4.2%)	1.9%	(1.1%-3.1%)	3.4%	(2.5%-4.6%)
8th grade	3.5%	(2.7%-4.5%)	2.5%	(1.3%-4.8%)	2.1%	(1.5%-3.1%)	2.2%	(1.6%-3.1%)	3.6%	(2.6%-4.8%)
Race										
Native Hawaiian	2.3%	(1.6%-3.3%)	3.5%	(2.4%-5.0%)	2.7%	(1.9%-3.9%)	2.0%	(1.2%-3.2%)	4.2%	(3.0%-5.8%)
Other Pacific Islander	5.1%	(1.7%-14.1%)	5.7%	(2.9%-11.2%)	5.5%	(2.8%-10.4%)	0.9%	(0.3%-2.7%)	1.7%	(0.8%-3.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	0.8%	(0.3%-2.4%)	2.4%	(0.9%-6.2%)	2.4%	(1.0%-5.6%)	1.9%	(0.7%-5.5%)	2.8%	(1.7%-4.5%)
Filipino	3.2%	(2.1%-5.0%)	1.7%	(0.9%-3.3%)	2.0%	(1.1%-3.7%)	1.9%	(1.4%-2.8%)	3.7%	(2.5%-5.5%)
Japanese	2.8%	(1.5%-5.2%)	0.1%	(0.0%-0.6%)	0.7%	(0.1%-4.3%)	0.2%	(0.0%-0.7%)	5.8%	(2.9%-11.1%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	2.9%	(2.0%-4.2%)	2.6%	(2.0%-3.6%)	2.5%	(1.7%-3.5%)	2.6%	(2.0%-3.5%)	3.1%	(2.3%-4.2%)
Other Asian	0.6%	(0.2%-2.5%)	.	(.-)	2.0%	(0.6%-7.0%)	3.2%	(1.0%-9.9%)	3.8%	(1.5%-9.4%)

Table 91. Ever used prescription drugs such without a doctor's prescription among public middle school students by county, sex, grade, and race in 2011-2015

	2011		2013		2015	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	5.0%	(4.1%-6.0%)	4.0%	(3.2%-4.9%)	4.6%	(3.7%-5.8%)
County						
Kauai County	2.7%	(1.6%-4.3%)	4.0%	(2.9%-5.5%)	5.6%	(4.2%-7.4%)
Honolulu County	4.6%	(3.5%-6.1%)	3.9%	(2.8%-5.4%)	4.3%	(2.9%-6.5%)
Maui County	6.2%	(4.7%-8.1%)	4.4%	(3.2%-6.0%)	4.3%	(3.3%-5.7%)
Hawaii County	6.3%	(4.7%-8.4%)	3.8%	(2.5%-5.6%)	5.8%	(4.5%-7.5%)
Sex						
Female	4.8%	(3.6%-6.3%)	4.0%	(2.8%-5.8%)	4.3%	(3.1%-5.9%)
Male	5.1%	(4.0%-6.4%)	3.9%	(3.0%-5.0%)	5.0%	(4.1%-6.1%)
Grade						
6th grade	2.5%	(1.6%-4.2%)	2.3%	(1.5%-3.6%)	3.2%	(2.4%-4.2%)
7th grade	4.5%	(3.4%-5.9%)	3.6%	(2.7%-4.8%)	4.5%	(3.2%-6.2%)
8th grade	7.0%	(5.5%-8.8%)	5.2%	(3.9%-7.0%)	5.5%	(4.1%-7.3%)
Race						
Native Hawaiian	5.9%	(4.1%-8.4%)	3.7%	(2.6%-5.3%)	6.8%	(5.3%-8.6%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	5.9%	(4.1%-8.4%)	5.0%	(3.1%-7.9%)	6.7%	(3.7%-11.8%)
Filipino	3.3%	(2.1%-5.0%)	3.0%	(1.6%-5.5%)	1.8%	(0.9%-3.4%)
Japanese	0.7%	(0.2%-2.6%)	0.1%	(0.0%-0.5%)	1.5%	(0.4%-5.9%)

Table 92. Ever used inhalants among public middle school students by county, sex, grade, and race in 2011-2015

	2011		2013		2015	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	9.7%	(8.5%-11.0%)	7.7%	(6.4%-9.2%)	6.5%	(5.3%-7.9%)
County						
Kauai County	7.5%	(6.0%-9.3%)	6.9%	(5.4%-8.7%)	6.5%	(5.3%-7.9%)
Honolulu County	10.1%	(8.6%-11.8%)	7.9%	(6.0%-10.3%)	6.6%	(4.9%-9.0%)
Maui County	6.7%	(5.2%-8.6%)	5.6%	(4.2%-7.3%)	5.7%	(4.5%-7.3%)
Hawaii County	12.1%	(10.1%-14.4%)	9.1%	(7.1%-11.5%)	6.4%	(5.2%-7.8%)
Sex						
Female	10.0%	(8.2%-12.1%)	7.5%	(5.8%-9.6%)	6.6%	(5.1%-8.4%)
Male	9.4%	(7.8%-11.3%)	7.8%	(6.4%-9.5%)	6.3%	(4.9%-8.1%)
Grade						
6th grade	8.2%	(6.0%-11.2%)	7.7%	(5.2%-11.2%)	6.3%	(4.4%-8.8%)
7th grade	9.6%	(8.1%-11.4%)	7.5%	(6.1%-9.3%)	7.3%	(5.6%-9.5%)
8th grade	10.7%	(9.3%-12.3%)	7.9%	(5.9%-10.5%)	5.6%	(4.3%-7.5%)
Race						
Native Hawaiian	11.6%	(9.8%-13.7%)	8.1%	(6.0%-10.9%)	6.4%	(4.9%-8.4%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	8.6%	(6.3%-11.5%)	11.9%	(8.1%-17.3%)	7.7%	(3.7%-15.6%)
Filipino	7.8%	(5.7%-10.5%)	6.7%	(4.8%-9.3%)	5.5%	(3.4%-8.7%)
Japanese	5.0%	(2.2%-10.6%)	2.4%	(0.5%-11.2%)	2.0%	(0.5%-7.3%)

Table 93. Offered, sold, or given drugs on school property in the past 12 months among public middle school students by county, sex, grade, and race in 2011-2015

	2011		2013		2015	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	9.3%	(7.7%-11.3%)	8.2%	(6.8%-10.0%)	9.1%	(7.6%-10.8%)
County						
Kauai County	7.8%	(5.9%-10.3%)	6.6%	(5.2%-8.4%)	9.2%	(7.6%-11.2%)
Honolulu County	9.0%	(6.8%-11.8%)	7.6%	(5.7%-10.1%)	8.8%	(6.6%-11.7%)
Maui County	8.5%	(6.6%-11.1%)	9.1%	(7.4%-11.1%)	9.2%	(7.8%-10.8%)
Hawaii County	12.7%	(10.4%-15.4%)	11.2%	(8.9%-14.0%)	10.1%	(8.3%-12.2%)
Sex						
Female	8.3%	(6.6%-10.4%)	8.5%	(6.5%-11.0%)	8.2%	(6.7%-10.0%)
Male	10.4%	(8.3%-13.0%)	8.0%	(6.3%-10.0%)	10.0%	(7.8%-12.6%)
Grade						
6th grade	5.5%	(3.8%-7.9%)	5.1%	(3.4%-7.5%)	5.4%	(4.2%-6.8%)
7th grade	7.6%	(5.9%-9.6%)	7.8%	(6.2%-9.8%)	9.4%	(7.6%-11.6%)
8th grade	13.4%	(10.5%-17.0%)	10.6%	(8.0%-13.9%)	10.7%	(8.2%-13.7%)
Race						
Native Hawaiian	11.0%	(8.4%-14.3%)	9.5%	(7.9%-11.4%)	11.0%	(8.4%-14.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	10.6%	(7.5%-14.7%)	9.9%	(6.3%-15.3%)	5.6%	(3.7%-8.3%)
Filipino	6.2%	(3.8%-9.7%)	6.6%	(4.6%-9.3%)	7.3%	(5.1%-10.5%)
Japanese	4.2%	(1.9%-8.7%)	5.9%	(1.8%-17.4%)	2.1%	(0.6%-7.4%)

Table 94. Ever attended school under the influence of alcohol, marijuana, or other drugs in the past 12 months among public middle school students by county, sex, sexual orientation, grade, and race in 2015-2019

	2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	6.6%	(5.3%-8.1%)	7.2%	(5.9%-8.8%)	8.3%	(7.3%-9.5%)
County						
Kauai County	5.0%	(3.9%-6.5%)	7.7%	(6.2%-9.6%)	10.8%	(8.5%-13.8%)
Honolulu County	6.4%	(4.6%-8.9%)	6.4%	(4.6%-8.9%)	7.3%	(5.9%-9.0%)
Maui County	7.1%	(5.7%-8.9%)	7.9%	(6.3%-9.8%)	10.0%	(8.3%-12.0%)
Hawaii County	7.4%	(6.0%-9.0%)	10.3%	(8.5%-12.5%)	10.2%	(8.5%-12.3%)
Sex						
Female	6.3%	(5.0%-7.9%)	7.9%	(6.1%-10.2%)	9.4%	(7.5%-11.8%)
Male	6.9%	(5.3%-8.8%)	6.5%	(5.3%-8.0%)	7.2%	(6.0%-8.6%)
Sexual Orientation						
Bisexual			18.0%	(10.7%-28.8%)	14.1%	(9.5%-20.4%)
Heterosexual			7.4%	(5.9%-9.2%)	8.1%	(7.0%-9.3%)
Gay or lesbian			**	(**_**)	8.1%	(4.5%-14.2%)
Not sure			3.0%	(1.7%-5.2%)	6.0%	(3.9%-8.9%)
Grade						
6th grade	2.9%	(1.8%-4.4%)	3.7%	(2.7%-5.2%)	5.8%	(4.3%-7.9%)
7th grade	6.3%	(5.0%-8.0%)	6.5%	(4.9%-8.6%)	6.8%	(5.2%-8.9%)
8th grade	8.6%	(6.5%-11.3%)	10.0%	(7.9%-12.6%)	10.9%	(9.4%-12.7%)
Race						
Native Hawaiian	9.1%	(6.8%-12.1%)	12.8%	(10.3%-15.9%)	14.3%	(12.4%-16.4%)
Other Pacific Islander	6.3%	(2.2%-17.0%)	9.4%	(5.3%-16.0%)	8.2%	(5.4%-12.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	4.3%	(2.5%-7.3%)	3.7%	(1.8%-7.4%)	4.2%	(2.3%-7.5%)
Filipino	6.4%	(4.4%-9.2%)	6.5%	(4.9%-8.5%)	6.6%	(5.2%-8.2%)
Japanese	0.2%	(0.1%-0.8%)	.	(.-.)	5.0%	(2.0%-11.7%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)
Other	8.1%	(6.3%-10.2%)	11.1%	(9.6%-12.9%)	12.9%	(11.1%-14.8%)
Other Asian	5.0%	(2.6%-9.6%)	2.2%	(0.6%-7.2%)	3.0%	(1.5%-6.0%)

Table 95. Current marijuana use on school property among public middle school students by county, sex, grade, and race in 2009-2013

	2009		2011		2013	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	2.0%	(1.2%-3.3%)	2.2%	(1.5%-3.2%)	1.7%	(1.3%-2.2%)
County						
Kauai County			0.4%	(0.1%-1.1%)	2.1%	(1.3%-3.6%)
Honolulu County			2.2%	(1.2%-4.0%)	1.1%	(0.7%-1.8%)
Maui County			1.4%	(0.7%-3.0%)	2.0%	(1.3%-3.0%)
Hawaii County			3.5%	(2.5%-5.0%)	3.9%	(2.6%-5.9%)
Sex						
Female	1.3%	(0.6%-2.6%)	1.8%	(1.0%-3.1%)	1.4%	(0.9%-2.2%)
Male	2.7%	(1.3%-5.6%)	2.6%	(1.8%-3.7%)	1.9%	(1.3%-2.8%)
Grade						
6th grade	0.4%	(0.1%-1.2%)	0.6%	(0.2%-2.2%)	1.1%	(0.6%-2.0%)
7th grade	1.1%	(0.4%-2.9%)	1.6%	(1.0%-2.5%)	1.6%	(1.0%-2.6%)
8th grade	3.7%	(1.7%-7.7%)	3.7%	(2.3%-5.8%)	2.0%	(1.4%-3.0%)
Race						
Native Hawaiian	2.8%	(0.9%-8.3%)	2.5%	(1.4%-4.5%)	3.1%	(2.2%-4.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	2.3%	(0.3%-13.3%)	2.2%	(1.0%-5.0%)	1.6%	(0.6%-4.3%)
Filipino	1.0%	(0.3%-3.6%)	1.6%	(0.7%-3.5%)	1.1%	(0.5%-2.4%)
Japanese	**	(**_**)	.	(.-.)	.	(.-.)

Table 96. Current alcohol use on school property among public middle school students by county, sex, grade, and race in 2009-2013

	2009		2011		2013	
	%	95% CI	%	95% CI	%	95% CI
Hawaii State						
Overall	3.4%	(2.3%-5.2%)	2.6%	(1.8%-3.7%)	2.0%	(1.4%-2.8%)
County						
Kauai County			2.2%	(1.3%-3.7%)	1.8%	(1.1%-2.8%)
Honolulu County			2.6%	(1.6%-4.2%)	1.7%	(1.1%-2.6%)
Maui County			1.4%	(0.8%-2.4%)	1.6%	(1.0%-2.6%)
Hawaii County			4.1%	(2.8%-5.9%)	3.8%	(2.4%-6.0%)
Sex						
Female	2.4%	(1.5%-3.8%)	3.0%	(2.0%-4.4%)	2.5%	(1.6%-3.9%)
Male	4.3%	(2.3%-7.7%)	2.2%	(1.5%-3.3%)	1.4%	(0.9%-2.2%)
Grade						
6th grade	0.4%	(0.1%-1.2%)	1.2%	(0.7%-2.1%)	1.2%	(0.5%-2.6%)
7th grade	2.4%	(1.0%-5.4%)	2.1%	(1.3%-3.2%)	1.9%	(1.1%-3.2%)
8th grade	6.1%	(3.6%-10.1%)	3.9%	(2.6%-5.9%)	2.6%	(1.7%-3.8%)
Race						
Native Hawaiian	5.6%	(2.4%-12.7%)	3.0%	(1.8%-4.9%)	2.7%	(1.7%-4.4%)
Black	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	2.9%	(0.7%-11.6%)	3.5%	(1.9%-6.2%)	3.5%	(1.8%-6.7%)
Filipino	2.7%	(1.1%-6.3%)	1.2%	(0.5%-3.2%)	0.7%	(0.2%-2.2%)
Japanese	**	(**_**)	0.2%	(0.0%-1.2%)	.	(.-)

Table 97. Ever depressed among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	25.8%	(23.7%-28.1%)	26.5%	(23.3%-29.9%)	29.0%	(26.4%-31.9%)	27.2%	(25.1%-29.4%)	30.5%	(28.0%-33.2%)
County										
Kauai County	27.0%	(23.6%-30.7%)	23.0%	(20.5%-25.8%)	25.3%	(22.8%-28.0%)	25.8%	(23.3%-28.6%)	32.6%	(29.7%-35.7%)
Honolulu County	25.1%	(22.3%-28.1%)	25.9%	(21.2%-31.2%)	29.3%	(25.9%-32.9%)	27.1%	(23.9%-30.5%)	30.1%	(25.5%-35.2%)
Maui County	26.1%	(23.1%-29.4%)	27.6%	(24.8%-30.6%)	27.6%	(24.9%-30.4%)	27.3%	(24.6%-30.2%)	31.5%	(28.7%-34.5%)
Hawaii County	27.0%	(24.1%-30.1%)	29.5%	(26.5%-32.7%)	31.1%	(28.1%-34.3%)	28.4%	(26.0%-30.9%)	30.2%	(27.8%-32.7%)
Sex										
Female	29.0%	(26.4%-31.7%)	33.5%	(28.9%-38.3%)	37.4%	(33.3%-41.8%)	36.8%	(33.6%-40.1%)	41.8%	(38.0%-45.8%)
Male	22.5%	(18.9%-26.6%)	19.2%	(16.6%-22.2%)	20.5%	(18.2%-23.0%)	17.6%	(15.7%-19.7%)	20.1%	(18.1%-22.3%)
Sexual Orientation										
Bisexual							67.1%	(59.1%-74.3%)	61.3%	(55.9%-66.4%)
Heterosexual							25.7%	(23.5%-28.0%)	27.6%	(24.9%-30.5%)
Gay or lesbian							31.7%	(19.1%-47.5%)	41.8%	(24.7%-61.3%)
Not sure							24.0%	(20.6%-27.8%)	30.9%	(23.3%-39.6%)
Grade										
6th grade	24.1%	(21.6%-26.9%)	24.8%	(21.1%-29.0%)	26.3%	(22.4%-30.7%)	25.6%	(20.1%-31.9%)	26.2%	(23.3%-29.2%)
7th grade	25.6%	(22.4%-29.2%)	23.9%	(20.2%-28.1%)	30.0%	(25.9%-34.4%)	25.2%	(22.7%-27.9%)	28.9%	(25.7%-32.4%)
8th grade	26.7%	(23.5%-30.0%)	30.2%	(25.9%-34.8%)	29.6%	(26.6%-32.9%)	30.4%	(27.4%-33.7%)	34.8%	(31.3%-38.4%)
Race										
Native Hawaiian	25.1%	(22.6%-27.7%)	28.1%	(25.4%-31.0%)	30.5%	(27.5%-33.7%)	30.6%	(28.4%-32.8%)	32.3%	(29.8%-34.8%)
Other Pacific Islander	30.8%	(22.1%-41.1%)	21.3%	(14.5%-30.2%)	32.0%	(25.8%-38.8%)	27.5%	(22.3%-33.5%)	27.9%	(22.9%-33.6%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	26.4%	(21.9%-31.4%)	27.7%	(22.7%-33.4%)	32.3%	(27.8%-37.1%)	24.8%	(18.3%-32.8%)	30.0%	(23.3%-37.7%)
Filipino	25.1%	(22.2%-28.2%)	31.3%	(25.8%-37.5%)	29.6%	(25.2%-34.4%)	28.1%	(24.9%-31.4%)	33.1%	(28.5%-37.9%)
Japanese	20.7%	(13.1%-31.2%)	15.3%	(8.8%-25.2%)	14.3%	(7.3%-26.0%)	22.5%	(15.5%-31.7%)	19.6%	(11.8%-30.7%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	26.6%	(22.3%-31.3%)	29.1%	(26.6%-31.8%)	31.2%	(28.2%-34.4%)	30.6%	(28.2%-33.1%)	38.2%	(36.0%-40.4%)
Other Asian	22.1%	(15.4%-30.7%)	19.6%	(11.5%-31.4%)	20.3%	(12.6%-30.9%)	23.9%	(16.7%-33.0%)	24.8%	(16.7%-35.0%)

Table 98. Ever made a suicide plan among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	15.5%	(13.6%-17.7%)	17.2%	(15.6%-18.9%)	17.5%	(15.9%-19.2%)	16.3%	(15.0%-17.8%)	18.7%	(16.9%-20.7%)
County										
Kauai County	12.4%	(10.3%-14.9%)	16.2%	(13.4%-19.5%)	17.5%	(15.3%-19.9%)	16.0%	(13.9%-18.5%)	17.7%	(15.4%-20.3%)
Honolulu County	15.3%	(12.6%-18.4%)	16.8%	(14.5%-19.3%)	17.4%	(14.9%-20.2%)	16.1%	(15.0%-17.2%)	19.1%	(16.5%-22.0%)
Maui County	15.2%	(12.8%-17.9%)	17.8%	(14.7%-21.4%)	17.5%	(15.5%-19.7%)	16.5%	(14.4%-18.8%)	17.4%	(15.5%-19.5%)
Hawaii County	18.2%	(15.8%-20.9%)	19.1%	(16.2%-22.4%)	17.9%	(15.3%-20.8%)	17.8%	(15.6%-20.1%)	18.5%	(16.1%-21.1%)
Sex										
Female	18.5%	(16.0%-21.3%)	20.7%	(18.2%-23.4%)	22.6%	(20.3%-25.0%)	21.7%	(19.7%-23.9%)	25.0%	(22.2%-28.1%)
Male	12.6%	(10.4%-15.1%)	13.7%	(11.3%-16.4%)	12.5%	(11.1%-14.0%)	10.8%	(9.4%-12.3%)	12.6%	(10.9%-14.6%)
Sexual Orientation										
Bisexual							41.8%	(31.3%-53.0%)	45.9%	(39.5%-52.5%)
Heterosexual							15.0%	(13.8%-16.3%)	15.7%	(14.3%-17.3%)
Gay or lesbian							28.6%	(16.5%-44.7%)	**	(**_**)
Not sure							14.4%	(11.6%-17.7%)	19.3%	(14.8%-24.7%)
Grade										
6th grade	12.4%	(9.7%-15.7%)	17.2%	(13.0%-22.3%)	13.8%	(11.6%-16.2%)	15.4%	(12.5%-18.8%)	14.2%	(12.1%-16.6%)
7th grade	14.5%	(12.0%-17.5%)	15.3%	(13.1%-17.7%)	19.2%	(16.7%-22.0%)	15.7%	(13.9%-17.7%)	17.9%	(15.0%-21.3%)
8th grade	18.0%	(16.0%-20.2%)	19.6%	(17.2%-22.3%)	17.5%	(15.4%-19.9%)	17.5%	(15.6%-19.6%)	22.2%	(20.0%-24.5%)
Race										
Native Hawaiian	17.5%	(14.5%-20.8%)	18.3%	(16.0%-20.9%)	18.2%	(15.6%-21.1%)	20.1%	(18.0%-22.4%)	19.1%	(16.6%-21.8%)
Other Pacific Islander	27.2%	(20.6%-35.1%)	17.4%	(11.1%-26.3%)	20.3%	(15.8%-25.7%)	18.2%	(13.6%-23.8%)	23.0%	(17.0%-30.3%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	12.4%	(8.7%-17.6%)	21.3%	(17.2%-26.0%)	16.8%	(13.0%-21.5%)	13.9%	(10.3%-18.5%)	15.6%	(9.2%-25.1%)
Filipino	13.2%	(10.2%-17.0%)	16.0%	(12.7%-19.9%)	16.4%	(13.8%-19.5%)	13.9%	(10.5%-18.2%)	19.7%	(16.7%-23.1%)
Japanese	6.5%	(4.2%-9.9%)	13.1%	(6.3%-25.1%)	15.0%	(7.2%-28.5%)	10.2%	(5.6%-17.8%)	15.9%	(9.7%-24.9%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	16.8%	(15.1%-18.7%)	19.4%	(17.0%-22.0%)	19.9%	(17.4%-22.5%)	19.7%	(17.7%-21.9%)	24.7%	(22.8%-26.8%)
Other Asian	16.3%	(10.1%-25.1%)	12.4%	(9.1%-16.6%)	16.0%	(10.4%-23.7%)	20.8%	(15.0%-28.1%)	19.4%	(12.1%-29.6%)

Table 99. Ever seriously thought about killing self among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	22.5%	(20.2%-24.9%)	25.4%	(23.3%-27.7%)	24.8%	(22.4%-27.3%)	23.1%	(21.4%-24.8%)	27.2%	(24.7%-30.0%)
County										
Kauai County	19.2%	(16.4%-22.4%)	24.5%	(21.8%-27.5%)	22.6%	(20.4%-25.1%)	21.4%	(18.8%-24.4%)	28.9%	(25.9%-32.0%)
Honolulu County	22.3%	(19.1%-25.8%)	25.3%	(22.0%-28.8%)	24.5%	(20.6%-29.0%)	23.1%	(20.9%-25.5%)	27.0%	(23.1%-31.4%)
Maui County	21.6%	(18.7%-24.9%)	24.3%	(21.3%-27.6%)	25.8%	(23.6%-28.2%)	23.6%	(21.2%-26.2%)	29.3%	(26.8%-32.0%)
Hawaii County	25.4%	(22.9%-28.2%)	27.9%	(24.6%-31.4%)	25.6%	(22.8%-28.6%)	23.0%	(20.4%-25.8%)	25.2%	(22.8%-27.7%)
Sex										
Female	25.9%	(22.9%-29.2%)	32.0%	(28.6%-35.6%)	31.7%	(28.6%-35.1%)	30.1%	(27.4%-33.1%)	38.5%	(34.2%-42.9%)
Male	19.1%	(16.4%-22.2%)	18.8%	(16.1%-21.9%)	17.7%	(15.8%-19.8%)	16.2%	(14.2%-18.5%)	16.7%	(15.0%-18.5%)
Sexual Orientation										
Bisexual							52.1%	(43.0%-61.2%)	60.3%	(54.2%-66.1%)
Heterosexual							21.0%	(19.2%-22.9%)	23.8%	(20.7%-27.1%)
Gay or lesbian							39.7%	(24.7%-56.9%)	42.8%	(25.9%-61.5%)
Not sure							23.3%	(18.9%-28.3%)	29.1%	(23.8%-34.9%)
Grade										
6th grade	19.7%	(16.2%-23.7%)	24.1%	(19.0%-30.1%)	22.1%	(18.9%-25.6%)	21.3%	(16.5%-27.1%)	22.2%	(19.2%-25.4%)
7th grade	21.8%	(18.5%-25.4%)	22.5%	(20.2%-25.1%)	25.3%	(21.9%-29.0%)	23.5%	(21.8%-25.2%)	26.5%	(22.8%-30.7%)
8th grade	24.4%	(21.8%-27.2%)	29.1%	(26.0%-32.3%)	25.7%	(22.5%-29.1%)	23.8%	(21.1%-26.7%)	31.0%	(27.2%-35.1%)
Race										
Native Hawaiian	25.2%	(22.3%-28.3%)	27.9%	(25.1%-30.8%)	27.1%	(24.3%-30.2%)	27.9%	(26.3%-29.7%)	28.7%	(26.2%-31.5%)
Other Pacific Islander	31.6%	(22.4%-42.4%)	25.6%	(20.1%-32.1%)	28.2%	(22.4%-34.7%)	26.1%	(19.9%-33.5%)	31.9%	(25.1%-39.5%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	16.1%	(11.7%-21.8%)	22.7%	(18.4%-27.6%)	20.8%	(15.7%-27.1%)	17.3%	(12.4%-23.8%)	22.8%	(16.6%-30.4%)
Filipino	21.0%	(17.4%-25.1%)	27.0%	(24.0%-30.3%)	24.6%	(20.0%-29.8%)	22.8%	(18.6%-27.6%)	30.8%	(26.2%-35.9%)
Japanese	17.2%	(10.8%-26.4%)	19.6%	(11.0%-32.4%)	17.0%	(7.9%-32.6%)	17.0%	(11.0%-25.5%)	15.6%	(8.3%-27.5%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	23.9%	(20.9%-27.3%)	27.6%	(24.7%-30.7%)	28.1%	(25.3%-31.2%)	27.0%	(24.8%-29.3%)	34.1%	(31.7%-36.5%)
Other Asian	26.8%	(18.9%-36.5%)	24.8%	(17.0%-34.7%)	21.6%	(13.9%-31.9%)	23.3%	(14.0%-36.3%)	24.2%	(17.5%-32.6%)

Table 100. Ever tried to kill self among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	9.2%	(7.6%-11.2%)	12.3%	(10.7%-14.2%)	12.5%	(11.0%-14.2%)	12.4%	(10.9%-14.0%)	13.0%	(11.7%-14.4%)
County										
Kauai County	8.1%	(6.1%-10.7%)	10.6%	(8.5%-13.2%)	12.9%	(11.1%-15.1%)	11.4%	(9.5%-13.6%)	12.6%	(10.6%-14.9%)
Honolulu County	8.7%	(6.4%-11.6%)	12.8%	(10.4%-15.6%)	12.7%	(10.7%-15.0%)	12.6%	(10.5%-15.0%)	12.8%	(11.3%-14.5%)
Maui County	9.5%	(7.9%-11.4%)	10.8%	(8.7%-13.2%)	12.7%	(10.9%-14.7%)	12.0%	(10.6%-13.5%)	12.9%	(11.2%-14.8%)
Hawaii County	12.3%	(10.1%-14.9%)	12.6%	(10.4%-15.2%)	11.3%	(9.6%-13.3%)	12.1%	(10.5%-13.9%)	14.2%	(12.5%-16.0%)
Sex										
Female	10.4%	(8.3%-12.9%)	14.7%	(12.3%-17.4%)	16.5%	(14.2%-19.1%)	17.2%	(14.7%-20.0%)	17.8%	(15.5%-20.3%)
Male	8.0%	(6.3%-10.2%)	10.0%	(8.2%-12.0%)	8.5%	(7.1%-10.1%)	7.4%	(6.2%-8.9%)	8.6%	(7.2%-10.3%)
Sexual Orientation										
Bisexual							34.2%	(26.1%-43.3%)	31.9%	(26.9%-37.4%)
Heterosexual							10.8%	(9.1%-12.9%)	11.1%	(9.8%-12.5%)
Gay or lesbian							26.2%	(20.6%-32.7%)	27.5%	(18.1%-39.3%)
Not sure							10.9%	(6.9%-16.7%)	10.8%	(8.7%-13.3%)
Grade										
6th grade	9.3%	(7.4%-11.5%)	11.3%	(8.1%-15.5%)	10.9%	(8.3%-14.1%)	13.4%	(9.8%-18.0%)	11.2%	(9.4%-13.4%)
7th grade	9.0%	(6.6%-12.3%)	10.4%	(8.7%-12.5%)	13.7%	(11.1%-16.9%)	11.7%	(10.0%-13.6%)	12.3%	(10.4%-14.4%)
8th grade	9.4%	(7.5%-11.6%)	14.9%	(12.0%-18.4%)	12.1%	(10.3%-14.2%)	12.5%	(10.4%-14.9%)	15.0%	(12.9%-17.4%)
Race										
Native Hawaiian	10.4%	(8.6%-12.4%)	13.3%	(11.2%-15.7%)	14.2%	(11.9%-16.9%)	14.1%	(12.5%-16.0%)	14.9%	(12.8%-17.4%)
Other Pacific Islander	18.4%	(11.6%-27.9%)	15.3%	(11.3%-20.5%)	15.1%	(10.2%-21.7%)	23.0%	(16.8%-30.8%)	15.4%	(11.6%-20.2%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	6.5%	(4.2%-9.7%)	13.1%	(8.8%-18.9%)	9.9%	(7.0%-14.0%)	7.9%	(4.9%-12.4%)	11.4%	(8.5%-15.1%)
Filipino	8.7%	(6.6%-11.4%)	11.7%	(9.5%-14.3%)	13.0%	(9.9%-16.7%)	12.0%	(9.7%-14.8%)	12.8%	(10.4%-15.5%)
Japanese	8.2%	(4.5%-14.4%)	11.9%	(4.2%-29.6%)	8.3%	(4.4%-15.2%)	8.6%	(4.2%-16.9%)	10.8%	(6.2%-18.0%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	8.7%	(6.6%-11.5%)	13.5%	(11.3%-16.0%)	13.3%	(10.9%-16.1%)	14.5%	(12.8%-16.3%)	18.2%	(16.3%-20.3%)
Other Asian	4.6%	(2.4%-8.5%)	12.0%	(7.8%-17.9%)	6.1%	(3.2%-11.4%)	10.5%	(7.1%-15.3%)	7.2%	(3.7%-13.5%)

Table 101. Ever tried to kill self and resulted in injury, poisoning, or overdose among public middle school students by county, sex, sexual orientation, grade, and race in 2011-2019

	2011		2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	10.4%	(9.0%-12.1%)	11.8%	(9.9%-14.1%)	10.8%	(9.9%-11.8%)	11.8%	(10.1%-13.9%)	9.6%	(8.6%-10.8%)
County										
Kauai County	12.6%	(10.0%-15.6%)	14.3%	(11.9%-17.1%)	11.7%	(9.8%-13.9%)	12.1%	(10.0%-14.6%)	9.8%	(7.9%-12.2%)
Honolulu County	10.0%	(7.9%-12.6%)	11.5%	(8.8%-15.0%)	11.3%	(10.2%-12.4%)	11.1%	(8.3%-14.6%)	9.4%	(7.6%-11.4%)
Maui County	10.8%	(9.0%-12.8%)	11.8%	(9.6%-14.5%)	9.5%	(7.8%-11.4%)	12.2%	(10.3%-14.5%)	10.0%	(8.4%-11.7%)
Hawaii County	11.1%	(9.3%-13.2%)	12.4%	(10.2%-15.0%)	9.8%	(8.1%-11.8%)	15.1%	(13.0%-17.5%)	10.6%	(8.6%-13.0%)
Sex										
Female	8.3%	(6.9%-10.0%)	10.0%	(7.8%-12.7%)	9.6%	(8.2%-11.4%)	10.4%	(8.5%-12.6%)	8.4%	(7.1%-10.0%)
Male	12.5%	(10.5%-14.8%)	13.7%	(10.8%-17.2%)	11.9%	(10.5%-13.4%)	13.2%	(10.7%-16.2%)	10.8%	(9.3%-12.4%)
Sexual Orientation										
Bisexual							23.0%	(15.4%-32.9%)	14.8%	(11.2%-19.3%)
Heterosexual							10.8%	(9.1%-12.8%)	9.2%	(7.7%-10.8%)
Gay or lesbian							31.5%	(23.3%-41.1%)	**	(**_**)
Not sure							9.6%	(6.7%-13.5%)	9.2%	(6.6%-12.8%)
Grade										
6th grade	9.9%	(8.6%-11.3%)	10.3%	(8.4%-12.6%)	10.4%	(8.7%-12.4%)	10.0%	(8.0%-12.5%)	8.9%	(7.0%-11.1%)
7th grade	9.4%	(7.7%-11.4%)	11.1%	(8.8%-14.0%)	10.8%	(9.1%-12.7%)	10.9%	(8.6%-13.6%)	9.6%	(7.6%-12.2%)
8th grade	11.6%	(9.3%-14.5%)	13.2%	(10.2%-17.0%)	10.7%	(8.9%-12.9%)	13.7%	(10.9%-17.1%)	9.9%	(8.5%-11.5%)
Race										
Native Hawaiian	13.3%	(10.6%-16.6%)	14.3%	(12.1%-16.8%)	13.4%	(11.3%-15.9%)	14.3%	(12.9%-15.9%)	11.2%	(9.4%-13.4%)
Other Pacific Islander	19.7%	(13.0%-28.6%)	15.3%	(9.8%-23.0%)	13.1%	(9.7%-17.4%)	16.7%	(11.4%-23.9%)	8.0%	(5.4%-11.7%)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	6.5%	(4.8%-8.8%)	10.9%	(5.7%-19.9%)	9.8%	(6.9%-13.8%)	8.4%	(4.5%-15.4%)	8.2%	(6.0%-11.1%)
Filipino	9.7%	(7.1%-13.0%)	10.5%	(8.3%-13.2%)	8.1%	(6.7%-9.8%)	10.6%	(8.4%-13.3%)	10.7%	(8.6%-13.2%)
Japanese	7.9%	(5.5%-11.2%)	8.6%	(4.4%-16.1%)	9.6%	(3.3%-24.7%)	9.1%	(4.2%-18.6%)	7.5%	(4.7%-11.8%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	9.2%	(7.1%-11.8%)	12.2%	(10.3%-14.4%)	10.0%	(8.4%-11.8%)	12.4%	(10.9%-14.2%)	10.4%	(9.0%-11.9%)
Other Asian	5.5%	(3.0%-10.0%)	7.4%	(5.1%-10.8%)	8.4%	(4.8%-14.2%)	9.9%	(4.5%-20.3%)	6.5%	(3.3%-12.3%)

Table 102. Ever purposefully hurt self without wanting to die among public middle school students by county, sex, sexual orientation, grade, and race in 2013-2019

	2013		2015		2017		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	19.6%	(17.5%-21.9%)	22.8%	(20.6%-25.2%)	21.8%	(19.5%-24.4%)	25.4%	(22.8%-28.3%)
County								
Kauai County	17.4%	(14.7%-20.5%)	21.0%	(18.2%-24.0%)	21.5%	(19.3%-23.9%)	26.3%	(23.5%-29.4%)
Honolulu County	19.6%	(16.6%-23.0%)	23.0%	(19.8%-26.6%)	22.2%	(18.8%-26.0%)	25.6%	(21.7%-29.9%)
Maui County	18.6%	(15.9%-21.6%)	22.5%	(20.5%-24.7%)	21.3%	(18.7%-24.1%)	25.5%	(23.0%-28.1%)
Hawaii County	21.8%	(18.8%-25.1%)	23.1%	(20.5%-26.1%)	20.8%	(18.4%-23.4%)	24.5%	(21.8%-27.3%)
Sex								
Female	28.3%	(24.9%-31.9%)	31.7%	(28.0%-35.6%)	32.4%	(28.4%-36.7%)	36.4%	(33.2%-39.8%)
Male	10.9%	(8.9%-13.3%)	14.1%	(12.7%-15.6%)	11.3%	(9.4%-13.4%)	15.2%	(12.7%-18.1%)
Sexual Orientation								
Bisexual					58.4%	(49.3%-66.9%)	55.3%	(46.8%-63.6%)
Heterosexual					20.1%	(17.5%-22.9%)	22.7%	(20.0%-25.7%)
Gay or lesbian					52.1%	(35.8%-67.9%)	**	(**)**
Not sure					18.7%	(14.1%-24.5%)	22.8%	(18.8%-27.5%)
Grade								
6th grade	18.5%	(14.7%-23.1%)	18.8%	(15.6%-22.5%)	19.0%	(14.4%-24.7%)	20.3%	(16.9%-24.2%)
7th grade	17.0%	(14.0%-20.6%)	23.5%	(20.8%-26.5%)	20.5%	(17.6%-23.7%)	25.5%	(22.7%-28.6%)
8th grade	22.8%	(19.9%-26.1%)	24.5%	(20.5%-29.0%)	25.0%	(22.0%-28.3%)	28.4%	(24.0%-33.4%)
Race								
Native Hawaiian	20.8%	(18.0%-24.1%)	24.1%	(21.7%-26.7%)	25.5%	(23.6%-27.6%)	26.3%	(24.2%-28.5%)
Other Pacific Islander	18.3%	(12.5%-26.1%)	18.6%	(14.9%-22.9%)	26.9%	(22.1%-32.4%)	29.0%	(22.9%-36.1%)
Black	**	(**)**	**	(**)**	**	(**)**	**	(**)**
Caucasian	21.4%	(15.6%-28.7%)	23.6%	(18.3%-29.9%)	18.1%	(12.4%-25.6%)	21.3%	(15.8%-28.1%)
Filipino	21.8%	(20.0%-23.6%)	25.1%	(19.4%-31.9%)	22.7%	(18.1%-28.0%)	29.0%	(24.2%-34.3%)
Japanese	6.7%	(2.5%-16.8%)	14.4%	(6.0%-30.6%)	10.8%	(5.9%-19.0%)	18.4%	(9.9%-31.7%)
Native Alaskan/ American Indian	**	(**)**	**	(**)**	**	(**)**	**	(**)**
Other	21.9%	(19.0%-25.1%)	26.4%	(23.1%-30.0%)	25.4%	(23.5%-27.5%)	31.8%	(29.4%-34.2%)
Other Asian	20.0%	(12.0%-31.4%)	18.5%	(9.2%-33.9%)	20.4%	(13.0%-30.5%)	19.8%	(12.5%-30.1%)

Table 103. CRAFFT index score of 0 among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	78.6%	(75.6%-81.3%)	80.6%	(78.2%-82.9%)
County				
Kauai County	75.9%	(72.0%-79.5%)	79.2%	(75.9%-82.2%)
Honolulu County	80.4%	(76.2%-84.1%)	82.8%	(79.0%-86.0%)
Maui County	78.4%	(75.1%-81.4%)	77.1%	(73.5%-80.3%)
Hawaii County	70.1%	(65.9%-74.0%)	74.9%	(71.9%-77.6%)
Sex				
Female	77.5%	(74.2%-80.4%)	80.2%	(76.5%-83.4%)
Male	79.6%	(75.8%-83.0%)	81.1%	(78.6%-83.4%)
Grade				
6th grade	83.5%	(79.7%-86.7%)	84.4%	(80.0%-88.0%)
7th grade	81.2%	(77.6%-84.3%)	80.8%	(77.6%-83.7%)
8th grade	73.5%	(67.4%-78.8%)	79.2%	(76.9%-81.4%)
Race				
Native Hawaiian	71.7%	(67.5%-75.5%)	71.5%	(68.2%-74.6%)
Black	**	(**_**)	**	(**_**)
Caucasian	81.2%	(76.2%-85.3%)	83.1%	(77.0%-87.8%)
Filipino	81.1%	(77.7%-84.1%)	84.1%	(79.6%-87.8%)
Japanese	90.8%	(81.4%-95.7%)	96.8%	(88.6%-99.2%)

Table 104. CRAFFT index score of 1 among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	11.6%	(9.5%-14.0%)	9.7%	(8.5%-11.1%)
County				
Kauai County	12.9%	(10.2%-16.1%)	10.2%	(8.2%-12.5%)
Honolulu County	10.7%	(7.9%-14.3%)	8.5%	(6.8%-10.6%)
Maui County	12.9%	(11.0%-15.0%)	12.0%	(10.0%-14.4%)
Hawaii County	14.5%	(11.9%-17.6%)	12.8%	(11.0%-14.8%)
Sex				
Female	11.3%	(9.2%-13.9%)	9.8%	(7.7%-12.3%)
Male	11.9%	(9.3%-15.0%)	9.7%	(7.9%-11.8%)
Grade				
6th grade	9.5%	(7.9%-11.4%)	9.3%	(7.4%-11.7%)
7th grade	11.2%	(8.6%-14.3%)	10.0%	(8.0%-12.4%)
8th grade	12.8%	(9.3%-17.3%)	9.2%	(7.2%-11.6%)
Race				
Native Hawaiian	15.2%	(12.0%-19.2%)	13.0%	(10.9%-15.5%)
Black	**	(**_**)	**	(**_**)
Caucasian	8.0%	(5.3%-12.0%)	9.9%	(7.0%-13.8%)
Filipino	10.9%	(8.8%-13.4%)	7.8%	(5.5%-10.8%)
Japanese	7.7%	(4.0%-14.4%)	3.1%	(0.8%-11.4%)

Table 105. CRAFFT index score of 2-3: Considered as high risk for a substance abuse disorder among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	6.1%	(5.0%-7.4%)	6.5%	(5.4%-7.7%)
County				
Kauai County	6.2%	(4.6%-8.4%)	6.4%	(4.9%-8.4%)
Honolulu County	5.6%	(4.1%-7.5%)	5.9%	(4.4%-7.8%)
Maui County	5.0%	(3.8%-6.5%)	7.1%	(5.6%-8.9%)
Hawaii County	10.1%	(8.1%-12.5%)	8.6%	(6.9%-10.5%)
Sex				
Female	7.2%	(5.7%-8.9%)	6.9%	(5.6%-8.5%)
Male	5.1%	(3.8%-6.9%)	5.9%	(4.7%-7.5%)
Grade				
6th grade	5.4%	(3.6%-8.0%)	4.5%	(2.9%-7.1%)
7th grade	4.5%	(3.4%-5.9%)	6.4%	(5.0%-8.2%)
8th grade	8.3%	(6.8%-10.1%)	7.5%	(5.5%-10.3%)
Race				
Native Hawaiian	8.1%	(6.5%-10.0%)	11.2%	(8.9%-13.9%)
Black	**	(**_**)	**	(**_**)
Caucasian	5.4%	(3.4%-8.4%)	3.4%	(1.7%-6.5%)
Filipino	4.5%	(3.0%-6.8%)	5.4%	(3.9%-7.5%)
Japanese	1.4%	(0.2%-9.1%)	0.1%	(0.0%-0.9%)

Table 106. CRAFFT index score of 4-6: Considered as high risk for substance dependence among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	3.7%	(2.7%-5.1%)	3.2%	(2.5%-4.1%)
County				
Kauai County	5.0%	(3.4%-7.2%)	4.2%	(3.0%-5.8%)
Honolulu County	3.3%	(2.0%-5.4%)	2.8%	(1.9%-4.2%)
Maui County	3.8%	(2.5%-5.6%)	3.9%	(2.8%-5.4%)
Hawaii County	5.3%	(3.5%-8.1%)	3.8%	(2.6%-5.4%)
Sex				
Female	4.1%	(2.7%-6.0%)	3.2%	(2.3%-4.3%)
Male	3.4%	(2.4%-4.7%)	3.2%	(2.3%-4.5%)
Grade				
6th grade	1.6%	(0.6%-4.8%)	1.8%	(1.0%-3.0%)
7th grade	3.2%	(2.2%-4.5%)	2.8%	(1.9%-4.1%)
8th grade	5.4%	(3.2%-8.9%)	4.1%	(3.1%-5.3%)
Race				
Native Hawaiian	5.0%	(3.8%-6.4%)	4.3%	(3.1%-5.8%)
Black	**	(**_**)	**	(**_**)
Caucasian	5.4%	(3.2%-8.8%)	3.7%	(1.8%-7.3%)
Filipino	3.5%	(1.4%-8.6%)	2.7%	(1.6%-4.4%)
Japanese	.	(.-)	.	(.-)

Table 107. CRAFFT index score of 0 for current users of alcohol or marijuana among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	27.0%	(21.5%-33.3%)	33.6%	(28.4%-39.3%)
County				
Kauai County	26.1%	(18.5%-35.5%)	36.7%	(28.3%-45.9%)
Honolulu County	28.8%	(20.5%-38.8%)	36.0%	(27.5%-45.5%)
Maui County	30.2%	(21.2%-40.9%)	33.4%	(25.1%-42.8%)
Hawaii County	20.9%	(15.2%-28.0%)	26.1%	(20.0%-33.2%)
Sex				
Female	24.2%	(17.7%-32.1%)	35.3%	(27.7%-43.6%)
Male	30.2%	(23.4%-38.0%)	32.1%	(26.2%-38.5%)
Grade				
6th grade	**	(**_**)	46.1%	(33.3%-59.5%)
7th grade	28.8%	(19.5%-40.3%)	34.2%	(24.8%-44.9%)
8th grade	25.3%	(18.6%-33.5%)	29.2%	(23.0%-36.2%)
Race				
Native Hawaiian	25.0%	(18.2%-33.2%)	26.9%	(21.3%-33.4%)
Black	**	(**_**)	**	(**_**)
Caucasian	**	(**_**)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)
Japanese	**	(**_**)	**	(**_**)

Table 108. CRAFFT index score of 1 for current users of alcohol or marijuana among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	22.5%	(18.4%-27.2%)	15.9%	(12.9%-19.6%)
County				
Kauai County	17.4%	(11.1%-26.0%)	14.1%	(9.7%-20.0%)
Honolulu County	24.8%	(18.0%-33.2%)	14.3%	(9.9%-20.1%)
Maui County	18.9%	(13.1%-26.6%)	17.0%	(11.7%-24.1%)
Hawaii County	20.5%	(13.9%-29.0%)	20.5%	(14.5%-28.0%)
Sex				
Female	21.6%	(16.0%-28.7%)	13.3%	(9.5%-18.2%)
Male	23.4%	(18.1%-29.8%)	18.7%	(13.4%-25.5%)
Grade				
6th grade	**	(**_**)	22.5%	(14.7%-32.8%)
7th grade	19.5%	(13.6%-27.2%)	17.7%	(12.2%-25.0%)
8th grade	23.7%	(16.5%-33.0%)	12.5%	(7.6%-19.9%)
Race				
Native Hawaiian	22.5%	(16.4%-30.1%)	12.7%	(7.9%-20.0%)
Black	**	(**_**)	**	(**_**)
Caucasian	**	(**_**)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)
Japanese	**	(**_**)	**	(**_**)

Table 109. CRAFFT index score of 2-3 for current users of alcohol or marijuana: Considered as high risk for a substance abuse disorder among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	25.5%	(21.4%-30.1%)	29.2%	(24.0%-35.0%)
County				
Kauai County	27.6%	(20.4%-36.0%)	26.8%	(19.7%-35.2%)
Honolulu County	21.6%	(15.7%-29.0%)	28.2%	(19.9%-38.4%)
Maui County	22.9%	(15.5%-32.5%)	26.9%	(20.9%-33.8%)
Hawaii County	36.3%	(29.5%-43.7%)	34.7%	(28.1%-41.9%)
Sex				
Female	29.0%	(22.4%-36.6%)	30.5%	(24.3%-37.5%)
Male	21.7%	(16.8%-27.6%)	27.6%	(22.1%-34.0%)
Grade				
6th grade	**	(**_**)	21.8%	(15.7%-29.6%)
7th grade	23.4%	(16.6%-32.0%)	27.1%	(21.6%-33.3%)
8th grade	26.8%	(21.5%-32.8%)	33.8%	(23.8%-45.4%)
Race				
Native Hawaiian	25.7%	(19.3%-33.3%)	42.4%	(36.1%-48.9%)
Black	**	(**_**)	**	(**_**)
Caucasian	**	(**_**)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)
Japanese	**	(**_**)	**	(**_**)

Table 110. CRAFFT index score of 4-6 for current users of alcohol or marijuana: Considered as high risk for substance dependence among public middle school students by county, sex, grade, and race in 2013-2015

	2013		2015	
	%	95% CI	%	95% CI
Hawaii State				
Overall	25.0%	(19.7%-31.1%)	21.2%	(17.0%-26.2%)
County				
Kauai County	29.0%	(21.3%-38.1%)	22.5%	(16.5%-29.9%)
Honolulu County	24.8%	(16.8%-35.0%)	21.5%	(15.0%-29.9%)
Maui County	28.0%	(19.9%-37.9%)	22.8%	(16.7%-30.3%)
Hawaii County	22.3%	(14.9%-32.2%)	18.8%	(12.8%-26.6%)
Sex				
Female	25.2%	(18.1%-33.8%)	21.0%	(16.2%-26.7%)
Male	24.7%	(19.2%-31.1%)	21.6%	(15.8%-28.8%)
Grade				
6th grade	**	(**_**)	9.6%	(6.1%-14.8%)
7th grade	28.3%	(19.7%-38.9%)	21.0%	(13.9%-30.6%)
8th grade	24.2%	(16.5%-33.9%)	24.6%	(19.8%-30.0%)
Race				
Native Hawaiian	26.8%	(19.9%-35.0%)	18.0%	(12.6%-25.0%)
Black	**	(**_**)	**	(**_**)
Caucasian	**	(**_**)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)
Japanese	**	(**_**)	**	(**_**)

PRAMS Analysis

Table 111. Drank alcohol 3 months before pregnancy by county and race for years 2011-2019

	2011		2013		2015		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	53.1%	(49.8%-56.4%)	53.1%	(49.5%-56.7%)	54.5%	(50.7%-58.3%)	50.3%	(44.6%-56.0%)
County								
Kauai County	57.5%	(50.4%-64.3%)	55.6%	(49.2%-61.9%)	61.2%	(54.1%-67.8%)	53.0%	(43.0%-62.7%)
Honolulu County	52.2%	(47.8%-56.6%)	53.0%	(48.2%-57.8%)	54.1%	(49.0%-59.1%)	49.4%	(41.8%-57.1%)
Maui County	60.0%	(54.8%-64.9%)	54.9%	(48.9%-60.7%)	56.9%	(50.3%-63.3%)	50.4%	(40.9%-59.8%)
Hawaii County	50.8%	(45.4%-56.3%)	50.9%	(44.9%-56.8%)	52.6%	(46.2%-58.9%)	54.1%	(45.1%-62.9%)
Race								
Native Hawaiian	56.2%	(50.2%-62.0%)	52.7%	(46.4%-58.8%)	50.9%	(43.9%-57.8%)	48.0%	(38.0%-58.2%)
Other Pacific Islander	26.7%	(17.2%-39.0%)	**	(**_**)	30.0%	(18.0%-45.5%)	**	(**_**)
Black	**	(**_**)	**	(**_**)	44.7%	(24.5%-66.9%)	**	(**_**)
Caucasian	69.7%	(63.2%-75.5%)	65.9%	(58.5%-72.7%)	73.0%	(65.6%-79.3%)	65.6%	(53.4%-76.0%)
Chinese	34.3%	(20.6%-51.3%)	43.3%	(27.6%-60.4%)	55.8%	(38.7%-71.7%)	**	(**_**)
Filipino	42.3%	(35.0%-50.0%)	45.9%	(37.2%-54.9%)	38.2%	(29.8%-47.3%)	47.8%	(34.9%-60.9%)
Japanese	54.6%	(43.9%-64.8%)	59.0%	(47.2%-69.8%)	57.1%	(43.9%-69.5%)	60.4%	(41.1%-76.9%)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	31.5%	(17.1%-50.7%)	38.0%	(19.3%-61.1%)	54.1%	(34.1%-72.9%)	**	(**_**)

Table 112. Drank alcohol during last 3 months of pregnancy by county and race for years 2011-2019

	2011		2013		2015		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	6.9%	(5.4%-8.7%)	7.6%	(5.9%-9.6%)	8.7%	(6.8%-11.0%)	6.8%	(4.5%-10.2%)
County								
Kauai County	11.0%	(7.3%-16.1%)	10.2%	(7.0%-14.8%)	8.3%	(5.2%-13.0%)	11.6%	(6.6%-19.7%)
Honolulu County	7.0%	(5.1%-9.5%)	7.0%	(5.0%-9.8%)	7.8%	(5.5%-11.0%)	**	(**_**)
Maui County	7.4%	(5.1%-10.5%)	9.4%	(6.4%-13.5%)	11.5%	(8.0%-16.3%)	**	(**_**)
Hawaii County	4.5%	(2.7%-7.3%)	8.3%	(5.6%-12.2%)	11.4%	(8.0%-16.0%)	**	(**_**)
Race								
Native Hawaiian	3.6%	(2.1%-6.2%)	7.4%	(4.7%-11.2%)	7.2%	(4.3%-11.9%)	**	(**_**)
Other Pacific Islander	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	13.4%	(9.4%-18.8%)	10.5%	(6.9%-15.6%)	14.2%	(9.8%-20.1%)	**	(**_**)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)	9.0%	(4.9%-15.8%)	**	(**_**)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)

Table 113. Binge drinking 3 months before pregnancy by county and race for years 2011-2019

	2011		2013		2015		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	24.0%	(21.3%-26.8%)	18.9%	(16.2%-21.8%)	19.2%	(16.3%-22.4%)	17.0%	(13.1%-21.7%)
County								
Kauai County	31.7%	(25.5%-38.5%)	24.5%	(19.3%-30.4%)	18.0%	(13.1%-24.2%)	20.9%	(13.9%-30.2%)
Honolulu County	21.8%	(18.4%-25.7%)	18.4%	(14.9%-22.4%)	19.3%	(15.6%-23.6%)	15.3%	(10.5%-21.8%)
Maui County	29.9%	(25.4%-34.8%)	20.6%	(16.2%-25.9%)	20.4%	(15.7%-26.1%)	17.1%	(11.1%-25.4%)
Hawaii County	28.1%	(23.5%-33.3%)	18.1%	(14.0%-23.0%)	17.7%	(13.4%-23.0%)	25.1%	(18.0%-34.0%)
Race								
Native Hawaiian	30.8%	(25.7%-36.4%)	23.6%	(18.8%-29.3%)	22.0%	(16.6%-28.6%)	16.4%	(10.5%-24.6%)
Other Pacific Islander	16.6%	(9.3%-27.8%)	**	(**_**)	**	(**_**)	**	(**_**)
Black	40.1%	(20.4%-63.7%)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	26.2%	(20.8%-32.4%)	16.1%	(11.6%-21.9%)	20.9%	(15.3%-27.9%)	16.4%	(10.2%-25.4%)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Filipino	17.2%	(12.1%-23.9%)	13.4%	(8.3%-20.9%)	14.0%	(8.9%-21.4%)	27.2%	(16.3%-41.8%)
Japanese	22.6%	(14.8%-32.9%)	25.9%	(16.4%-38.4%)	19.8%	(11.3%-32.5%)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)

Table 114. Illicit drug use 1 month before pregnancy by county and race for years 2011-2015

	2011		2012		2013		2014		2015	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State										
Overall	6.4%	(5.0%-8.0%)	6.7%	(5.2%-8.6%)	7.4%	(5.8%-9.5%)	5.3%	(4.0%-7.0%)	5.4%	(4.0%-7.4%)
County										
Kauai County	8.9%	(5.5%-14.2%)	8.7%	(5.3%-14.0%)	11.5%	(7.9%-16.4%)	10.6%	(7.1%-15.6%)	9.6%	(6.0%-14.9%)
Honolulu County	4.5%	(2.9%-6.7%)	5.9%	(4.1%-8.5%)	5.9%	(3.9%-8.8%)	3.3%	(1.9%-5.7%)	4.4%	(2.7%-7.1%)
Maui County	11.8%	(8.9%-15.6%)	10.5%	(7.5%-14.6%)	12.0%	(8.5%-16.5%)	11.6%	(7.9%-16.8%)	8.7%	(5.5%-13.4%)
Hawaii County	11.4%	(8.2%-15.4%)	7.2%	(4.8%-10.6%)	10.5%	(7.4%-14.9%)	9.3%	(6.4%-13.2%)	6.9%	(4.2%-11.0%)
Race										
Native Hawaiian	8.0%	(5.6%-11.3%)	10.7%	(7.3%-15.5%)	10.7%	(7.4%-15.1%)	6.6%	(4.1%-10.6%)	5.8%	(3.4%-9.7%)
Other Pacific Islander	.	(.-)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	9.2%	(6.2%-13.6%)	6.5%	(4.0%-10.3%)	8.0%	(5.1%-12.4%)	7.5%	(4.8%-11.6%)	8.3%	(5.0%-13.4%)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	.	(.-)	**	(**_**)
Filipino	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Japanese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	.	(.-)	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)

Table 115. Experienced post-partum depression by county and race for years 2012-2019

	2012		2014		2016		2019	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Hawaii State								
Overall	10.6%	(8.8%-12.8%)	11.0%	(8.8%-13.6%)	12.0%	(9.5%-14.9%)	11.1%	(8.0%-15.3%)
County								
Kauai County	11.5%	(7.7%-16.9%)	9.9%	(6.6%-14.6%)	17.9%	(12.8%-24.3%)	11.4%	(6.3%-19.6%)
Honolulu County	9.7%	(7.4%-12.7%)	11.1%	(8.3%-14.8%)	10.7%	(7.7%-14.8%)	11.2%	(7.2%-17.1%)
Maui County	14.6%	(11.0%-19.3%)	10.7%	(7.2%-15.6%)	12.8%	(8.7%-18.4%)	11.3%	(6.4%-19.3%)
Hawaii County	12.1%	(8.9%-16.3%)	10.9%	(7.8%-15.1%)	15.9%	(11.7%-21.3%)	10.1%	(5.8%-17.0%)
Race								
Native Hawaiian	11.7%	(8.4%-16.1%)	13.0%	(8.9%-18.6%)	14.2%	(9.9%-19.8%)	9.1%	(5.1%-15.9%)
Other Pacific Islander	17.6%	(9.9%-29.4%)	**	(**_**)	**	(**_**)	**	(**_**)
Black	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Caucasian	6.1%	(3.6%-10.0%)	**	(**_**)	**	(**_**)	**	(**_**)
Chinese	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Filipino	8.8%	(5.4%-13.9%)	9.9%	(6.1%-15.5%)	18.9%	(12.1%-28.2%)	**	(**_**)
Japanese	16.4%	(9.6%-26.5%)	**	(**_**)	**	(**_**)	**	(**_**)
Native Alaskan/ American Indian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)
Other Asian	**	(**_**)	**	(**_**)	**	(**_**)	**	(**_**)