

State Epidemiological Outcomes Workgroup

Email: adadeehi@gmail.com

Phone: (808) 956-6059

Fax: (808) 956-5818

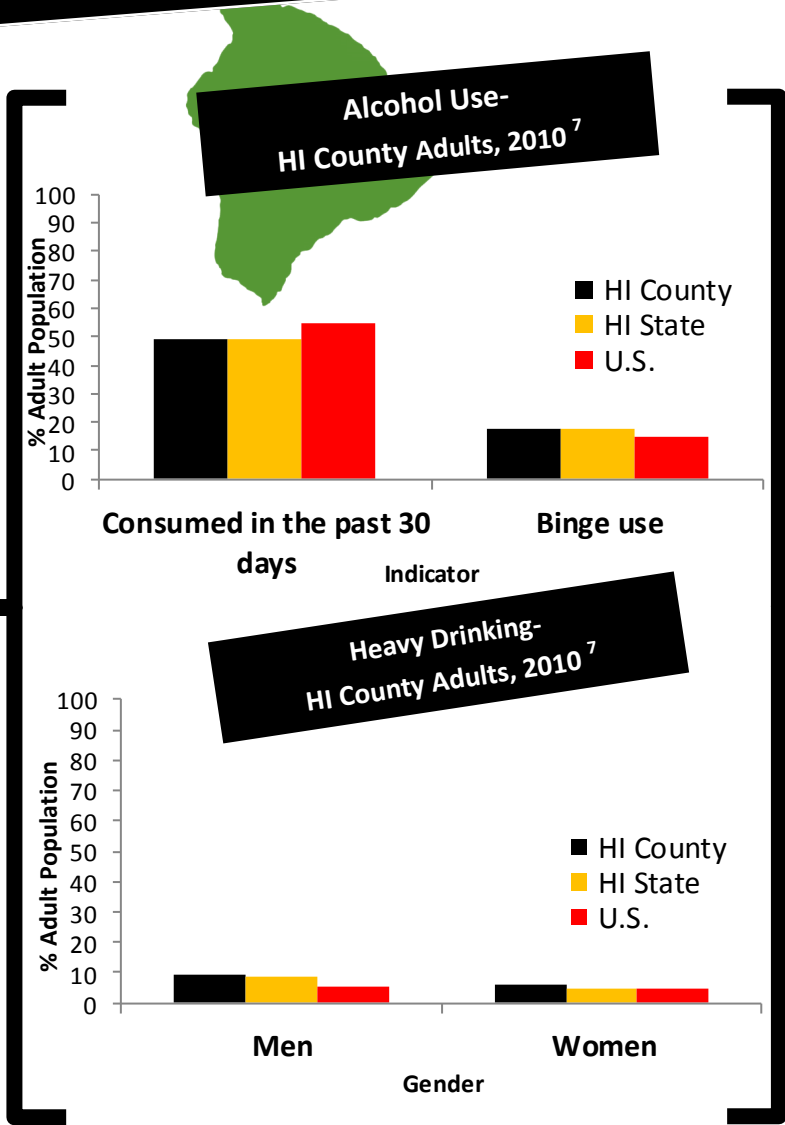
HAWAII COUNTY ADULT ALCOHOL

BINGE DRINKING

Definition: Adult males who consume five or more drinks on one occasion, or adult females who consume four or more drinks on one occasion.¹

In 2010, the prevalence of binge drinking among men was twice that of women, in Hawaii and the United States. Binge drinkers were 14 times more likely to report alcohol-impaired driving than non-binge drinkers.¹

Nationally, in 2010, the prevalence and intensity of binge drinking was highest among persons age 18-34 years, but the frequency of binge drinking was highest among binge drinkers aged ≥65 years.²



KNOW THE LAW!

Anyone with a blood alcohol concentration ≥ 0.8 may be charged with "driving under the influence". First offenders:

- 14-hour minimum substance abuse rehabilitation program
- 1-year revocation of license
- ignition interlock device installed in vehicle.⁴ (see picture above). Installation and use of an ignition interlock device for one year costs offenders approximately \$1000.⁵

On average, the largest number of drinks per binge in Hawaii is

9 Drinks.

DID YOU KNOW?

According to the federal government's annual traffic safety assessment Hawaii ranked number one in the nation for alcohol-related fatalities.³

44% of all fatal crashes in Hawaii in 2011 involved a driver with a BAC level ≥ 0.08 . The national average was 31%.³

In 2011, 4,034 adults were arrested for DUI in the state of Hawaii.⁶



References:

¹ Hawaii Department of Health. (2013). Hawaii health matters: Adults who binge drink.
² Kanny, D., Liu, Y., Brewer, R.D., Garvin, W.S., & Balluz, L. Vital signs: Binge drinking prevalence, frequency, and intensity among adults – United States, 2010. *MMWR* 2012, 61:14–19.
³ National Highway Traffic Safety Administration, U.S. Department of Transportation. Traffic Safety Facts, Hawaii, 2007–2011.
⁴ Hawaii Revised Statutes §291E. Online.
⁵ Department of Transportation, State of Hawaii. (2013). Ignition Interlock in Hawaii.
⁶ Honolulu Police Department. Annual Statistics Report: 2011 Statistics.
⁷ Hawaii Health Data Warehouse. (2013). Alcohol consumption: Individual year reports.

ADULT ALCOHOL CONSUMPTION - 2010

	Hawaii County % (95% CI)	Honolulu County % (95% CI)	Kauai County % (95% CI)	Maui County % (95% CI)	HI State % (95% CI)	United States % (95% CI)
Consumed in the past 30 days	49 (45.5-52.6)	48 (45.6-50.4)	56.6 (51.1-62.0)	51.9 (47.8-55.9)	49 (47.1-50.8)	54.6 N/A
Binge use	17.7 (14.6-20.7)	17.4 (15.4-19.4)	22.7 (17.3-28.1)	19.3 (15.9-22.6)	17.9 (16.3-19.4)	15.1 N/A

ADULT HEAVY DRINKING - 2010

	Hawaii County % (95% CI)	Honolulu County % (95% CI)	Kauai County % (95% CI)	Maui County % (95% CI)	HI State % (95% CI)	United States % (95% CI)
Men	9.1 (5.9-12.4)	8.6 (6.4-10.8)	12.3 (6.6-18.0)	6.4 (3.6-9.1)	8.6 (7.0-10.2)	5.4 N/A
Women	6.2 (4.4-8.1)	4 (2.8-5.2)	5.2 (2.9-7.5)	5.6 (4.0-7.3)	4.5 (3.6-5.4)	4.5 N/A
Both	7.7 (5.8-9.6)	6.3 (5.0-7.5)	8.7 (5.7-11.8)	6 (4.4-7.6)	6.6 (5.6-7.5)	5 N/A

"Binge drinkers"= males having 5 or more drinks on one occasion, females having 4 or more drinks on one occasion

"Heavy drinking"= adult men having more than 2 drinks per day and adult women having more than 1 drink per day