

# High-risk alcohol use at UW-Madison

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# Context of UW-Madison Alcohol Culture

- **50%** of students exhibit high-risk drinking behaviors.  
The national average is **36%**.
- Alcohol Density: 375 alcohol establishments in a 3-mile radius of campus; more than 200 are in the 53703 ZIP code.
- Average PBT of students transported to detox is **.222**.





# High-risk drinking is a social justice issue

- High-risk alcohol use at UW-Madison exceeds that of our comparison schools (AlcoholEdu)
- Sharing data from the following sources:
  - AlcoholEdu (2017)
  - Color of Drinking (2015, 2018)
  - Healthy Minds (2016, will re-administer in 2019)
  - Report on the AAY Campus Climate Survey on Sexual Assault and Sexual Misconduct (2015, will re-administer in 2019)



# Our data suggests disturbing patterns in 3 key areas:

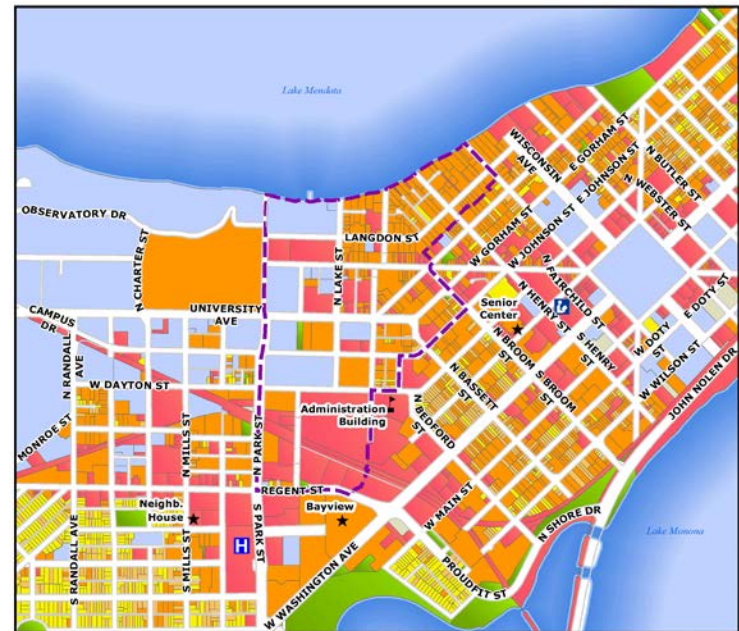


1. Safety
2. Campus Climate
3. Mental Health



# Safety

- 42% of students of color and 31% of white students report avoiding specific campus areas due to concerns about the alcohol use of others  
(*Color of Drinking*)
- Alcohol **does not cause** sexual assault, and it is the **leading predatory drug** (“date rape drug” used in sexual assaults on college campuses  
(*Krebs, Abbey, Fischer, Everfi*)





# Places students avoid

## Students of Color

- 83% Fraternity/sorority housing
- 67% Langdon Street
- 48% House parties
- 47% State Street and Bars
- 42% Tailgates
- 27% Lakeshore Path
- 23% Camp Randall
- 21% Southeast Residence Halls
- 15% Regent Street
- 5% Other Locations
- 4% Lakeshore Residence Halls

## White Students

- 86% Fraternity/sorority housing
- 73% Langdon Street
- 54% State Street and Bars
- 49% House parties
- 38% Tailgates
- 28% Southeast Residence Halls
- 23% Lakeshore Path
- 21% Camp Randall
- 14% Regent Street
- 4% Lakeshore Residence Halls
- 3% Other Locations





# Campus Climate



42% of white students drink at high-risk, while 17% of students of color drink at high-risk  
(*AlcoholEdu*)



# Mental Health

- High-risk alcohol use is a primary pathway to a sense of belonging
- Alcohol abuse increases suicide risk (American Association of Suicidology)







# Reasons students consider leaving

## Students of Color

**55%** Racial climate

**45%** Mental health

40% Academic reasons

25% Financial reasons

23% Interpersonal reasons

**20%** Alcohol climate

## White Students

40% Academic reasons

**38%** Mental health

33% Interpersonal relationships

**29%** Alcohol climate

24% Other reasons

19% Financial reasons



# Individual Level Interventions

- Screening of all patients in medical and mental health services at University Health Services (UHS)
- Assessment and referral for students with alcohol use disorders
- Educational sanctions through Choices and BASICS
- Motivational interview training for campus staff
- New: Behavioral Health Case Manager (UHS)



# Institutional Interventions

- Chancellor's Advisory Group on Alcohol and Other Drugs
- AlcoholEdu
- Badgers Step Up!
- First 45 Days
- Scanners at Wisconsin Unions
- Support of alcohol-free events
- Increased UWPD presence on Langdon Street



## Summary

- Accessibility
  - Availability
  - Affordability
  - Acceptability
  - Accountability
- Campus focus has been first year students.
  - Change is incremental, as each cohort of students adopts new habits and moves off campus.
  - If efforts to address underage drinking occur *on campus*, students can change their drinking behavior and/or change their drinking location in response.
  - Off-campus access to alcohol consumption remains an issue.
  - Underage students have significant access to alcohol, which originates with licensed sources.



Thoughts and reactions?







## The impact of alcohol at UW-Madison

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### High-risk alcohol use at UW-Madison exceeds that of our comparison schools (AlcoholEdu).

High-risk drinking is a public health problem nationwide. UW-Madison's rates of high-risk drinking are above national and other Big 10+ schools, regularly more than 10 points higher on average (AlcoholEdu).

UW-Madison data suggests<sup>1</sup> that the high-risk drinking culture is **social justice issue** and impacts a sense of belonging for both majority and underrepresented students.

- *Students may not experience the individual consequences we expect from engaging in high-risk alcohol use. High-risk drinkers sometimes fare better in terms of GPA and flourishing measures. 75% of white high-risk drinkers get the highest score possible on the Diener Flourishing Scale. Only 25% of white low-risk drinkers receive a perfect score. It's reversed for students of color: 75% of low-risk drinkers receive high scores compared to 25% of high-risk drinkers (Color of Drinking).*

**When we look at the community impact of high-risk drinking, our data shows disturbing patterns in key areas: sense of safety, campus climate, mental health, and gender-based violence.**

More than 76% of sexual assaults at UW-Madison<sup>2</sup> involve alcohol use by one or both of the individuals.

### Safety

- 42% of students of color and 31% of white students report avoiding specific campus areas due to concerns about the alcohol use of others (Color of Drinking).

### Campus Climate

- 42% of students of color and 17% of white students abstain from alcohol use. 42% of white students drink at high-risk, while 17% of students of color drink at high-risk (AlcoholEdu).
- When asked about alcohol's impact on sense of belonging, the themes that emerged were:
  - White students: "alcohol helps you fit in and belong," and "alcohol helps you meet new people and bond socially."
  - Students of color: "if you don't drink, you don't fit in," "alcohol use by others makes me feel isolated," and "alcohol use amplifies racial issues" (Color of Drinking).

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<sup>1</sup> Washington, R., et al (2015) Color of Drinking, (The University of Wisconsin-Madison).

<sup>2</sup> Cantor, D., et al. (2015) *Report on the AAU Campus Climate Survey on Sexual Assault and Sexual Misconduct* (The University of Wisconsin-Madison).

## **Mental Health**

- Color of Drinking data suggests high-risk alcohol use is a primary pathway to a sense of belonging. Evidence-based practices suggest social support and connectedness to the school community as protective factors against suicide (American Association of Suicidology (AAS)).
- Suicidal ideation in Black, Native American, transgender and gender queer students is higher<sup>3</sup> than the general UW-Madison student population (9%) (Healthy Minds).
- Alcohol abuse increases suicide risk (AAS).

## **Gender-based violence**

- 27.6% of UW-Madison undergraduate women report experiencing sexual assault through physical force or incapacitation by drugs or alcohol (AAU).
- Nationally, 50-75% of sexual assaults involve alcohol. At UW-Madison, 76% of sexual assaults involve alcohol use by the victim, the perpetrator, or both.
- Alcohol is the most common “date-rape” drug on campus.

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<sup>3</sup> [https://www.uhs.wisc.edu/wp-content/uploads/HMSDoc3\\_1\\_2017Robin.pdf](https://www.uhs.wisc.edu/wp-content/uploads/HMSDoc3_1_2017Robin.pdf)

# AlcoholEdu

## AlcoholEdu Part 1 Preliminary Update Fall 2017:

### General Information:

- Population: 7750 incoming first-year, degree-seeking undergraduate students (including transfer students)
- AlcoholEdu deployed on Tuesday August 1, 2017
- Part 1 deadline: Monday, August 28, 2017
- Part 2 opened: Friday, September 15, 2017

### Completion Rates

- 7802 (100%) students have logged in to AlcoholEdu.
- 7777 (99.4%) students have completed AlcoholEdu Part 1.
- 6868 (57.8%) of students who have it available have completed AlcoholEdu Part 2

### Post-Arrival Summary Observations:

- Drinking behaviors (pregaming, and doing shots) rates are higher than in other years (except 2014). Chugging alcohol and frequent chugging are the highest in the past 5 years.
- Students' marijuana and electronic cigarette usage is higher than in other years. E-cigarette usage quadrupled from last year.
- High-risk drinking has decreased 6.6% over the past 5 years.
- The number of students who report spending most of their drinking in a bar and restaurant has steadily increased over the past 5 years.
- The number of students who report owning one or more fake IDs has increased.
- UW-Madison has higher rates of overall drinking, moderate drinking, heavy episodic drinking, problematic drinking, drug use, participation in drinking behaviors and negative consequences than all comparison schools.

### Data:

**Overall Drinking Rate:** During the past year, have you consumed alcohol (i.e, had more than a few sips of beer, wine, or liquor)?

	2013		2014		2015		2016		2017		Big 10		Large/Public Comparison		National	
	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3
Yes	72.2%	75.7%	72.2%	77.5%	73.2%	78.3%	73.8%	76.2%	74.2%	76.0%	64.0%	67.0%	65.0%	66.0%	64.0%	65.0%
No	27.8%	24.3%	27.8%	22.5%	26.8%	21.7%	26.2%	23.8%	25.8%	24.0%	36.0%	33.0%	35.0%	34.0%	36.0%	35.0%

**Drug Use:** In the past 2 weeks have you used any of the following?

	2016 UW-Madison	2017 UW-Madison	Big 10	Comparison	National
Marijuana	15%	17%	11%	10%	10.0%
E-Cigarettes	3.7%	16.2%	9.6%	9.6%	9.3%
Medications used to treat Attention-Deficit Disorder/Hyperactivity	1.3%	1.9%	0.9%	1.2%	1.1%
Cocaine	0.8%	1.0%	0.5%	0.8%	0.7%
Other Opiate-Type Drugs (Controlled Substances like codeine, OxyCotin, Darvan, Vicodin, Demerol, Percocet)	0.4%	0.3%	0.2%	0.4%	0.5%
MDMA (Molly, Ecstasy, XTC, Adam)	0.1%	0.6%	0.3%	0.5%	0.5%
Heroin	0.3%	0.2%	0.2%	0.3%	0.3%

# AlcoholEdu

**Drinking Behaviors (Post-Arrival):** When you drink, to what degree do you do the following:

	2013	2014	2015	2016	2017	Big 10	Large/Public Comparison	National
<b>Chugging Alcohol</b>	78.2%	78.8%	74.6%	75.0%	79.0%	74.0%	74.0%	73.0%
<b>Frequent Chugging Alcohol</b>	25.5%	28.5%	26.3%	25.4%	31.0%	27.6%	28.8%	28.6%
<b>Doing Shots</b>	92.4%	94.0%	91.3%	91.0%	92.0%	90.0%	86.0%	85.0%
<b>Frequent Shots Rate</b>	57.6%	65.0%	60.0%	57.0%	60.1%	59.0%	51.0%	49.0%
<b>Pregaming</b>	90.8%	92.3%	89.4%	90.3%	91.6%	89.0%	85.0%	84.0%
<b>Frequent Pregaming Rate</b>	62.9%	66.8%	62.7%	62.0%	65.5%	63.0%	53.0%	53.0%

	2013		2014		2015		2016		2017	
	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3
<b>Chugging Alcohol</b>	74.0%	78.2%	74.9%	78.8%	73.3%	74.6%	73.0%	75.0%	76.7%	79.0%
<b>Frequent Chugging Alcohol</b>	23.3%	25.5%	25.3%	28.5%	23.3%	26.3%	24.3%	25.4%	30.9%	31.0%
<b>Doing Shots</b>	90.5%	92.4%	89.9%	94.0%	87.9%	91.3%	88.0%	91.0%	88.0%	92.0%
<b>Frequent Shots Rate</b>	50.9%	57.6%	55.0%	65.0%	40.5%	60.0%	50.2%	57.0%	56.8%	60.1%
<b>Pregaming</b>	79.6%	90.8%	77.6%	92.3%	76.8%	89.4%	78.0%	90.3%	79.4%	91.6%
<b>Frequent Pregaming rate</b>	39.3%	62.9%	36.9%	66.8%	37.0%	62.7%	39.8%	62.0%	45.5%	65.5%

**Negative Consequences:** During the past two weeks, to what degree did the following happen to you when drinking or as a result of your drinking?

	2013	2014	2015	2016	2017	Big 10	Large/Public Comparison	National
<b>Hangover</b>	51.5%	56.8%	51.9%	53.0%	56.3%	52.0%	51.0%	49.0%
<b>Blackout</b>	40.1%	43.4%	35.6%	37.0%	42.3%	47.0%	37.0%	35.0%
<b>Missed A Class</b>	17.4%	15.3%	10.1%	12.0%	16.0%	11.0%	16.0%	19.0%
<b>Performed Poorly on an Assignment</b>	19.7%	24.5%	16.5%	18.0%	22.1%	18.0%	20.0%	14.0%

# AlcoholEdu

## Definitions:

**Abstainer:** a student who consumed no alcohol in the past year.

**Nondrinker:** a student who consumed no alcohol in the past two weeks, but may have consumed in the past year.

**Moderate Drinker:** a student who on the day of highest alcohol use in the past two weeks, had 1-4 drinks (male) or 1-3 drinks (female).

**Heavy Episodic Drinker:** on the day of highest alcohol use in the past two weeks, the student had 5-9 drinks (male) or 4-7 drinks (female).

**Problematic Drinker:** on highest day of use in the past two weeks, the student had 10+ drinks (male) or 8+drinks (female).

**Nondrinker Rate:** a combination of students who reported consuming no alcohol in a year and in the past 2 weeks.

Abstainer +Nondrinker

**Low Risk Drinking Rate:** male students who report drinking 4 or less drinks, female students who report drinking 3 or less.

**High-Risk Drinking Rate:** students who report on their highest day of alcohol use in two weeks consuming 4 or more drinks (female) and 5 or more drinks (male).

**Big Ten:** 6 big 10 universities that participate in AlcoholEdu (Northwestern University, Rutgers University, University of Maryland, University of Michigan, University of Minnesota and University of Wisconsin).

**Large/Public Comparisons:** 52 large public colleges and institutions that take AlcoholEdu.

**National:** 500+ colleges and institutions that take AlcoholEdu.

## Drinker Categories:

	UW-Madison		Δ2017	Big 10		Δ2017	Large/Public Comparison		Δ2017	National		Δ2017
	S1	S3	S1 and S3	S1	S3	S1 and S3	S1	S3	S1 and S3	S1	S3	S1 and S3
<b>Abstainers</b>	25.8%	24.0%	-7.5%	36.0%	33.0%	-9.1%	35.0%	34.0%	-2.9%	36.0%	35.0%	-2.9%
<b>Nondrinkers</b>	24.7%	17.5%	-41.1%	25.0%	18.0%	-38.9%	27.0%	21.0%	-28.6%	27.0%	21.0%	-28.6%
<b>Moderate Drinker</b>	22.9%	22.3%	-2.7%	18.0%	20.0%	11.1%	19.0%	20.0%	5.0%	18.0%	19.0%	5.3%
<b>Heavy Episodic Drinker</b>	20.7%	25.1%	21.3%	15.0%	19.0%	26.7%	13.0%	15.0%	15.4%	12.0%	15.0%	25.0%
<b>Problematic Drinker</b>	5.5%	10.1%	83.6%	4.0%	7.0%	75.0%	4.5%	6.2%	37.8%	4.3%	5.8%	34.9%
<b>Nondrinker Rate</b>	50.5%	41.5%	-21.7%	61.0%	51.0%	-19.6%	62.0%	55.0%	-12.7%	63.0%	56.0%	-12.5%
<b>Low Risk Drinking Rate</b>	73.4%	63.8%	-15.0%	79.0%	71.0%	-11.3%	81.0%	75.0%	-8.0%	81.0%	75.0%	8.0%
<b>High Risk Drinking Rate</b>	26.2%	35.2%	25.6%	19.0%	26.0%	26.9%	17.5%	21.2%	17.5%	16.3%	20.8%	21.6%

	2013		2014		2015		2016		2017	
	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3
<b>Abstainers</b>	27.8%	24.3%	27.7%	22.5%	25.2%	21.6%	26.2%	23.6%	25.8%	24.0%
<b>Nondrinkers</b>	27.5%	17.5%	27.3%	16.8%	31.9%	15.9%	24.0%	17.0%	24.7%	17.5%
<b>Moderate Drinker</b>	17.1%	16.4%	18.5%	19.8%	20.4%	20.8%	21.8%	21.8%	22.9%	22.3%
<b>Heavy Episodic Drinker</b>	20.7%	27.4%	18.8%	26.7%	17.2%	27.0%	19.9%	25.1%	20.7%	25.1%
<b>Problematic Drinker</b>	6.9%	14.4%	8.2%	14.2%	5.5%	11.1%	6.5%	10.9%	5.5%	10.1%
<b>Nondrinker Rate</b>	55.3%	41.8%	55.0%	39.3%	57.1%	37.5%	50.2%	40.6%	50.5%	41.5%
<b>Low Risk Drinking Rate</b>	72.4%	58.2%	73.5%	59.1%	77.5%	58.3%	72.0%	62.4%	73.4%	63.8%
<b>High Risk Drinking Rate</b>	27.6%	41.8%	27.0%	40.9%	22.7%	38.1%	26.4%	36.0%	26.2%	35.2%

# AlcoholEdu

## Drinker Categories by High-Risk Populations:

	I'm Planning on Joining a social UW-Madison Greek Organization		I am in the process of joining a UW-Madison social Greek Organization		I am a member of a UW-Madison social Greek Organization		I have chosen not to join a UW-Madison social Greek Organization		UW-Madison		Sellery		Witte	
	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3
<b>Abstainer</b>	17.1%	16.2%	7.4%	6.8%	6.5%	3.2%	31.3%	28.7%	25.8%	24.0%	9.7%	7.3%	9.4%	7.6%
<b>Nondrinker</b>	24.2%	16.6%	18.5%	8.6%	20.5%	7.9%	26.1%	19.4%	24.7%	17.5%	18.9%	8.9%	22.6%	9.2%
<b>Moderate Drinker</b>	26.1%	21.2%	26.5%	25.5%	29.8%	32.7%	21.2%	21.2%	22.9%	22.3%	27.4%	25.1%	25.6%	26.3%
<b>Heavy Episodic</b>	23.2%	30.5%	36.0%	36.8%	34.7%	39.6%	16.0%	22.2%	20.7%	25.1%	32.2%	39.4%	32.7%	39.2%
<b>Problematic Drinker</b>	8.0%	14.7%	9.7%	21.4%	8.3%	16.0%	4.3%	8.0%	5.5%	10.1%	10.1%	17.8%	8.7%	17.5%
<b>Nondrinker Rate</b>	41.3%	32.8%	25.9%	15.4%	27.0%	11.1%	57.4%	48.1%	50.5%	41.5%	28.6%	16.2%	32.0%	16.8%
<b>High Risk Drinking Rate</b>	31.2%	45.2%	45.7%	58.2%	43.0%	55.6%	20.3%	30.2%	26.2%	35.2%	42.3%	57.2%	41.4%	56.7%

**Location of Drinking:** In the past two weeks, when you have consumed alcohol, where did you spend the most of your time drinking?

	2013	2015	2016	2017	Big 10	Comparison	National
<b>In an Off Campus Residence</b>	42.3%	30.6%	35.1%	33.3%	26.0%	24.0%	24.0%
<b>In an On Campus Residence</b>	31.1%	23.4%	19.0%	20.8%	20.0%	12.0%	17.0%
<b>Fraternity/Sorority House</b>	12.7%	18.2%	14.2%	16.6%	25.0%	18.0%	16.0%
<b>An Athletic Event</b>	3.4%	13.7%	6.1%	6.7%	6.0%	7.3%	5.2%
<b>At Home</b>	N/A	7.5%	7.9%	4.9%	4.7%	9.9%	9.6%
<b>A Bar or Nightclub</b>	5.0%	7.3%	7.7%	8.5%	8.6%	13.0%	12.0%
<b>Outdoor Setting</b>	3.1%	6.0%	3.3%	3.0%	3.0%	5.2%	5.3%
<b>None of These</b>	N/A	2.5%	4.8%	4.6%	5.4%	6.8%	7.4%
<b>A Restaurant</b>	1.4%	2.2%	1.4%	1.4%	1.5%	2.4%	2.6%
<b>In A Car</b>	0.3%	0.4%	0.0%	0.2%	0.2%	0.4%	0.4%

## Fake ID: Do you own a fake ID?

	2015	2016	2017
<b>I own one.</b>	5.0%	5.6%	9.0%
<b>I own more than one.</b>	2.9%	3.2%	4.8%
<b>I plan to procure one.</b>	4.9%	2.0%	3.5%
<b>My fake ID has been confiscated.</b>	0.4%	0.4%	0.7%
<b>I do not own a fake ID, but am thinking about getting one.</b>	26.3%	10.6%	13.1%
<b>I do not own a fake ID. I have no plans to get one.</b>	60.5%	78.1%	68.9%



# AlcoholEdu

Drinker Categories by College or School:

	College of Agricultural and Life Science		College of Engineering		College of Letters and Science		School of Business		School of Education	
	S1	S3	S1	S3	S1	S3	S1	S3	S1	S3
<b>Abstainers</b>	22.3%	36.1%	25.0%	23.8%	29.5%	20.6%	23.4%	16.6%	27.5%	24.3%
<b>Nondrinkers</b>	26.5%	20.3%	22.6%	18.7%	25.0%	15.1%	20.7%	12.0%	27.5%	17.7%
<b>Moderate Drinker</b>	19.8%	17.1%	21.7%	24.0%	21.9%	24.3%	24.6%	23.8%	23.3%	22.3%
<b>Heavy Episodic Drinker</b>	24.7%	18.6%	22.0%	21.7%	19.1%	27.5%	23.3%	32.9%	16.7%	24.9%
<b>Problematic Drinker</b>	6.3%	6.6%	7.5%	10.4%	3.9%	11.1%	7.5%	13.2%	3.0%	9.5%
<b>Nondrinker Rate</b>	48.8%	56.4%	47.6%	42.5%	54.5%	35.7%	44.1%	28.6%	55.0%	42.0%
<b>Low Risk Drinker</b>	68.6%	73.5%	69.3%	66.5%	76.4%	60.0%	68.7%	52.4%	78.3%	64.3%
<b>High Risk Drinkers</b>	31.0%	25.2%	29.5%	32.1%	23.0%	38.6%	30.8%	46.1%	19.7%	34.4%

Drinker Category by College or School:

	School of Human Ecology		School of Nursing		School of Pharmacy		Undeclared	
	S1	S3	S1	S3	S1	S3	S1	S3
<b>Abstainers</b>	22.0%	51.2%	18.8%	35.5%	32.9%	30.3%	23.7%	33.3%
<b>Nondrinkers</b>	24.4%	20.7%	27.9%	28.4%	17.1%	25.0%	29.8%	22.2%
<b>Moderate Drinker</b>	25.6%	12.2%	25.9%	10.2%	32.9%	19.7%	22.7%	20.2%
<b>Heavy Episodic Drinker</b>	23.2%	9.8%	20.8%	18.3%	11.8%	21.1%	17.7%	16.2%
<b>Problematic Drinker</b>	4.9%	4.9%	6.1%	7.1%	5.3%	3.9%	6.1%	7.1%
<b>Nondrinker Rate</b>	46.4%	71.9%	46.7%	63.9%	50.0%	55.3%	53.5%	55.5%
<b>Low Risk Drinker</b>	72.0%	84.1%	72.6%	74.1%	82.9%	75.0%	76.2%	75.7%
<b>High Risk Drinkers</b>	28.1%	14.7%	26.9%	25.4%	17.1%	25.0%	23.8%	23.3%

Drinker Categories by Population:

	Religion Very Important		White Students		Students of Color		International Students	
	S1	S3	S1	S3	S1	S3	S1	S3
<b>Abstainers</b>	41.1%	39.7%	20.4%	17.3%	43.1%	41.7%	49.5%	52.8%
<b>Nondrinkers</b>	23.2%	16.4%	23.7%	15.4%	28.9%	23.2%	29.1%	32.2%
<b>Moderate Drinker</b>	17.7%	17.6%	24.5%	24.3%	16.2%	16.7%	16.4%	8.2%
<b>Heavy Episodic Drinker</b>	14.6%	19.4%	24.3%	30.1%	9.2%	12.1%	3.6%	4.3%
<b>Problematic Drinker</b>	3.3%	6.4%	6.3%	11.9%	2.7%	5.6%	0.9%	1.6%
<b>Nondrinker Rate</b>	64.3%	56.1%	44.1%	32.7%	72.0%	64.9%	78.6%	85.0%
<b>Low Risk Drinker</b>	82.0%	73.7%	68.6%	57.0%	88.2%	81.6%	95.0%	93.2%
<b>High Risk Drinking Rate</b>	17.9%	25.8%	30.6%	42.0%	11.9%	17.7%	4.5%	5.9%

# AlcoholEdu

Drinker Categories by Where Students Live and Are From:

	University Housing		Students who don't live in University housing		Students from Wisconsin		Out of State Students	
	S1	S3	S1	S3	S1	S3	S1	S3
<b>Abstainers</b>	26.0%	24.0%	23.7%	24.1%	26.4%	23.1%	25.4%	18.0%
<b>Nondrinkers</b>	25.0%	17.0%	22.6%	18.5%	24.7%	16.0%	25.4%	16.1%
<b>Moderate Drinker</b>	23.0%	22.0%	26.6%	27.5%	23.3%	23.7%	22.9%	23.7%
<b>Heavy Episodic Drinker</b>	20.0%	25.0%	19.5%	21.2%	19.3%	25.9%	21.9%	29.2%
<b>Problematic Drinker</b>	5.3%	10.0%	6.0%	7.6%	5.6%	10.4%	5.1%	11.8%
<b>Nondrinker Rate</b>	51.0%	41.0%	46.3%	42.6%	51.1%	39.1%	50.8%	34.1%
<b>Low Risk Drinker</b>	74.0%	63.0%	72.9%	70.1%	74.4%	62.8%	73.7%	57.8%
<b>High Risk Drinking Rate</b>	25.3%	35.0%	25.5%	28.8%	24.9%	36.3%	27.0%	41.0%

Drinker Categories by Individual Finance:

	It's a financial struggle		It's tight but I'm doing fine.		Finances aren't really a problem.	
	S1	S3	S1	S3	S1	S3
<b>Abstainers</b>	28.3%	28.9%	28.2%	26.7%	23.3%	20.6%
<b>Nondrinkers</b>	30.7%	24.3%	25.4%	18.8%	23.2%	15.2%
<b>Moderate Drinker</b>	23.2%	21.2%	22.6%	21.6%	23.5%	23.4%
<b>Heavy Episodic Drinker</b>	12.5%	14.7%	18.1%	23.7%	23.4%	28.3%
<b>Problematic Drinker</b>	4.2%	9.0%	5.2%	8.8%	5.8%	11.4%
<b>Nondrinker Rate</b>	59.0%	53.2%	53.6%	45.5%	46.5%	35.9%
<b>Low Risk Drinker</b>	82.2%	74.4%	76.2%	67.1%	70.0%	59.2%
<b>High Risk Drinking Rate</b>	16.7%	23.7%	23.3%	32.5%	29.2%	39.7%

Drinker Categories by Household Finances:

	Very poor, not enough to get by		Had enough to get by but not much		Comfortable		Well to do	
	S1	S3	S1	S3	S1	S3	S1	S3
<b>Abstainers</b>	27.6%	30.1%	32.4%	31.4%	26.9%	24.9%	18.1%	15.8%
<b>Nondrinkers</b>	26.0%	19.4%	27.0%	24.3%	24.9%	16.7%	22.7%	13.9%
<b>Moderate Drinker</b>	26.8%	21.5%	23.7%	19.9%	22.8%	23.3%	22.8%	22.1%
<b>Heavy Episodic Drinker</b>	15.0%	30.1%	12.5%	17.2%	19.4%	24.8%	28.6%	33.2%
<b>Problematic Drinker</b>	4.7%	14.0%	3.7%	6.4%	5.2%	9.6%	7.1%	14.1%
<b>Nondrinker Rate</b>	53.6%	49.5%	59.4%	55.7%	51.8%	41.6%	40.8%	29.7%
<b>Low Risk Drinker</b>	80.4%	71.0%	83.1%	75.6%	74.6%	64.9%	63.6%	51.8%
<b>High Risk Drinking Rate</b>	19.7%	44.1%	16.2%	23.6%	24.6%	34.3%	35.7%	47.2%