Roadmap of This Report

I. A profile of University of Michigan Students' Drinking Behavior
   » What are the drinking behaviors of students before they arrive on campus?
   » How often, where, when and why do your first-year students drink?
   » How do your students compare to students nationally?
   » How have drinking rates changed from year to year (if at all)?
   » What is the impact of high-risk drinking on your students?

II. Mitigating Risk and Impacting Culture
   » What did your students gain from taking AlcoholEdu?
   » How can your campus engage students to change the drinking culture?

III. Implications for Your Institution's Prevention Strategy
   » How can these data inform your prevention efforts moving forward?
Highlights from Your Data

This Executive Summary contains data from your institution's 2011 implementation of AlcoholEdu for College. Findings are based on self-report data obtained from 5030 first-year Michigan students who completed all three AlcoholEdu for College Surveys.

Note: An additional 577 students completed Part 1 of the course, but did not complete all three surveys so were not included in the final data set.

» When measured prior to their arrival on campus, your students' drinking rates are similar to the national average.

» When measured midway through the fall semester, 32% of Michigan students reported drinking in a high risk way.

» Michigan students are most commonly drinking at Fraternity/sorority house or Off-campus residence.

» The most common drinking-related risk behaviors that your students engage in are doing shots and pregaming.

» Drinking rates are similar for men and women. Women are drinking in a high-risk way less frequently than men.

» After completing AlcoholEdu, students reported increases in positive behavioral intentions. Among high-risk drinkers who did not see a need to change their drinking behavior before the course, 40% indicated a readiness to change their drinking after completing the course.
A Profile of Your Incoming Students

In looking at the drinking rates of students prior to their arrival on campus (Survey 1), your institution is similar to the national average for high-risk drinkers. Understanding these pre-college drinking behaviors can help your campus establish appropriate messaging that sets clear behavioral expectations early in the semester.

**Non-drinkers:** 0 drinks in the past two weeks

**Light/Moderate drinkers:** 1-3 drinks for women; 1-4 drinks for men on at least one occasion in the past two weeks

**High-risk drinkers:** 4 or more drinks for women; 5 or more drinks for men on at least one occasion in the past two weeks (includes Problematic drinkers - 8 or more drinks for women; 10 or more drinks for men)

**Graph:**
- High-risk drinkers (includes 5% Problematic) - 23% (Michigan), 22% (National Average)
- Light/Moderate drinkers - 14% (Michigan), 14% (National Average)
- Non-drinkers - 63% (Michigan), 64% (National Average)
Student drinking rates nationally follow a typical pattern: alcohol use generally rises the summer before a student enters college, and then increases substantially after arriving on campus. This phenomenon, known as the "College Effect," is represented by the conceptual graphic below.

*Drinking rate is the proportion of students who have had more than a taste or sip of alcohol in the two weeks prior to the survey.
Benchmarking Your Drinking Rate Data

The data below show your first-year student drinking rates measured midway through the fall semester (Survey 3) as compared to the national aggregate for all students taking AlcoholEdu during the same time period.

High-risk drinkers
- Green: 32% (Includes 8% Problematic)
- Purple: 28% (Includes 9% Problematic)

Light/Moderate drinkers
- Green: 17%
- Purple: 16%

Non-drinkers
- Green: 50%
- Purple: 56%

Note: As drinking rates vary from campus to campus, it may be helpful to also compare your rates to those of a peer group (by region, athletic conference, Carnegie classification, etc.). If you are interested in a peer benchmark report, please contact your Partner Service Director.
Examining Gender Differences

Midway through the fall semester (Survey 3), the drinking rates are similar for men and women. Additionally, women report drinking in a high-risk way* less frequently than men.

<table>
<thead>
<tr>
<th>Frequency of high risk drinking in the past two weeks (Drinkers only)</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never</td>
<td>43%</td>
<td>47%</td>
</tr>
<tr>
<td>Once</td>
<td>26%</td>
<td>28%</td>
</tr>
<tr>
<td>Twice</td>
<td>16%</td>
<td>14%</td>
</tr>
<tr>
<td>Three or more times</td>
<td>15%</td>
<td>10%</td>
</tr>
</tbody>
</table>

*In response to the question: During the past two weeks, how many times have you had five or more drinks (for men)/four or more drinks (for women) in a row within a 2 hour period?
Observing Drinking Rates Across Years

Drinking rates, measured midway through fall semester, have fluctuated over the last three years. It is important to consider the multiple factors that influence drinking rates and how these factors may vary from year to year on your campus.

Typical factors impacting college students' drinking rates from year to year:
- Alcohol policy changes
- Changes in enforcement of alcohol policy
- Shifts in composition of first year class
- Consistency in the timing of data collection

Data represents student responses collected in Survey 3, 30-45 days after completing AlcoholEdu for College.
Identifying Peak Drinking Days

Understanding drinking behaviors across time may be useful for identifying weekly patterns or targeting highest-risk days/events for prevention and enforcement efforts.

Average number of drinks per day

Note: This is a snapshot of a 3-week period of time during the fall semester. As drinking rates are impacted by academic calendars, campus-wide events, holidays, etc., these rates may not be reflective of drinking patterns across the entire semester.
Where Students Drink

Michigan students are most commonly drinking at a fraternity/sorority house or an off-campus residence. Every effort should be made to target these particular locations with increased prevention and enforcement initiatives.

<table>
<thead>
<tr>
<th>Location</th>
<th>Michigan</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fraternity/sorority house</td>
<td>43%</td>
<td>15%</td>
</tr>
<tr>
<td>Off-campus residence</td>
<td>31%</td>
<td>41%</td>
</tr>
<tr>
<td>On-campus residence</td>
<td>15%</td>
<td>21%</td>
</tr>
<tr>
<td>Bar or nightclub</td>
<td>4%</td>
<td>9%</td>
</tr>
<tr>
<td>All other location(s)</td>
<td>7%</td>
<td>14%</td>
</tr>
</tbody>
</table>

Data represents student responses collected in Survey 3, 30-45 days after completing AlcoholEdu for College.
**Reasons for Drinking or Not Drinking**

In Survey 3, Michigan students indicated their top 5 most important reasons for choosing to drink (drinkers only) or not drink (all students) on a particular occasion.

<table>
<thead>
<tr>
<th>How important to you is each of the following reasons for drinking alcoholic beverages:</th>
<th>Percentage Important/Very Important</th>
</tr>
</thead>
<tbody>
<tr>
<td>To have a good time with friends</td>
<td>Michigan 64%</td>
</tr>
<tr>
<td>To celebrate</td>
<td>Michigan 61%</td>
</tr>
<tr>
<td>To be more outgoing</td>
<td>Michigan 45%</td>
</tr>
<tr>
<td>To feel happy</td>
<td>Michigan 36%</td>
</tr>
<tr>
<td>To feel connected with people</td>
<td>Michigan 34%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How important to you is each of the following reasons for not drinking alcoholic beverages:</th>
<th>Percentage Important/Very Important</th>
</tr>
</thead>
<tbody>
<tr>
<td>I'm going to drive</td>
<td>Michigan 70%</td>
</tr>
<tr>
<td>I have other things to do</td>
<td>Michigan 64%</td>
</tr>
<tr>
<td>I don't have to drink to have a good time</td>
<td>Michigan 61%</td>
</tr>
<tr>
<td>I don't want to lose control</td>
<td>Michigan 53%</td>
</tr>
</tbody>
</table>
Effective prevention includes actively engaging students to reinforce positive behavioral intentions of drinkers and non-drinkers alike. The data below can inform decisions around investments in planning and prioritizing alcohol-free activities.

### This year, your students are most interested in the following activities:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Movie Nights</td>
<td>1851 students</td>
</tr>
<tr>
<td>#2 Live Music</td>
<td>1827 students</td>
</tr>
<tr>
<td>#3 Intramural Sports Tournaments</td>
<td>1660 students</td>
</tr>
<tr>
<td>#4 Fitness Classes (pilates, yoga, spinning)</td>
<td>1649 students</td>
</tr>
<tr>
<td>#5 Community Service</td>
<td>1536 students</td>
</tr>
<tr>
<td>#6 Nothing Specific - just a cool place to hang out</td>
<td>1482 students</td>
</tr>
</tbody>
</table>

In addition, this year 611 students indicated an interest in planning alcohol-free events and activities.

To download the names and contact information of students interested in these activities and others, or to view data on any custom activities you may have added to this exercise, please visit the Student Engagement section of the Hub.
The most common drinking-related risk behaviors that your students engage in are doing shots and pregaming. Michigan may consider dedicating educational efforts that highlight the risks associated with these specific behaviors.

- **Choosing a drink containing more alcohol**
  - Michigan: 18%
  - National Average: 17%

- **Chugging alcohol**
  - Michigan: 16%
  - National Average: 18%

- **Doing shots**
  - Michigan: 48%
  - National Average: 40%

- **Pregaming**
  - Michigan: 44%
  - National Average: 38%

Note: Graph represents grouped responses of 5, 6, and 7 on a 7-point scale (1 = not at all; 7 = always) for drinkers only.
Negative Consequences of Drinking

While a majority of students did not experience negative consequences as a result of their drinking, certain behaviors worth noting are detailed below.

Percentages represent the number of students who reported experiencing a particular consequence at any time in the past two weeks.

- Missed class, performed poorly on an assignment, and/or got behind in school
  - Michigan: 33%
  - National: 32%

- Had a hangover
  - Michigan: 48%
  - National: 45%

- Blacked out
  - Michigan: 37%
  - National: 36%

- Drove after 4 or more/5 or more drinks
  - Michigan: 7%
  - National: 10%

- Rode with a driver who had been drinking
  - Michigan: 8%
  - National: 13%

- Was taken advantage of sexually
  - Michigan: 14%
  - National: 13%

- Took advantage of someone sexually
  - Michigan: 9%
  - National: 9%
Gains from AlcoholEdu

AlcoholEdu has enabled Michigan to provide students with a baseline of knowledge and decision-making strategies around alcohol use.

Exam Scores, Fall 2011

<table>
<thead>
<tr>
<th>Pre-Course</th>
<th>Post-Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>60%</td>
<td>88%</td>
</tr>
</tbody>
</table>

In Fall 2011, students reported that AlcoholEdu:

- Helped me establish a plan for responsible decisions around alcohol: 84%
- Prepared me to identify and/or help someone who has alcohol poisoning: 89%
- Stimulated me to reflect on my personal attitudes and behaviors: 61%
- Changed my perceptions of others' drinking-related behaviors: 64%

Data represents student responses collected in Survey 2, immediately following completion of Part 1 of AlcoholEdu.
Among the 56% of high risk drinkers (699 students) who saw "no need to change the way they drink" before taking AlcoholEdu, 40% (280 students) indicated their readiness to change after completing the course.

Data represents student responses collected just before (Survey 1) and immediately following (Survey 2) Part 1 of AlcoholEdu for College.
Positive Behavioral Intentions

After completing AlcoholEdu, Michigan students reported an increase in several positive behavioral intentions. Programming efforts aimed at further promoting these behaviors can reinforce the messages students received through AlcoholEdu.

Intention has been shown to be the most important variable in predicting behavior change (Ajzen, 1991).
Beyond what the data reveals, there are a number of guiding principles that drive successful prevention efforts.

1. Be intentional with efforts and gather data on whether they succeed.
2. Don't try to do it all - a few targeted interventions can be very effective.
3. Stay attuned to new research to inform your efforts.
4. Implement programs strategically to mitigate costs.
5. Test your messages and strategies against the research base, behavior theory, and your instincts.
6. Develop a comprehensive prevention program that includes complementary efforts.
7. Ground all strategies in data.
Recognizing Alcohol as the Most Popular Date Rape Drug
Percentage of students responding "alcohol" when asked to identify the number one date rape drug.

<table>
<thead>
<tr>
<th>Pre-Course</th>
<th>Post-Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>39%</td>
<td>91%</td>
</tr>
</tbody>
</table>

Demonstrating an Understanding of Consent
Percentage of students who "strongly agree" with the following:
Regardless of whether or not a person has been drinking or is sober, if he or she did not consent to have sex, then it is rape.

<table>
<thead>
<tr>
<th>Pre-Course</th>
<th>Post-Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>72%</td>
<td>87%</td>
</tr>
</tbody>
</table>

Developing Self-Awareness
Have you ever been the victim of sexual violence (sexually assaulted or raped)?

<table>
<thead>
<tr>
<th>Pre-Course</th>
<th>Post-Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>95% of students responded &quot;No&quot;</td>
<td>99% remained No</td>
</tr>
<tr>
<td>2% of students responded &quot;Yes&quot;</td>
<td>92% remained Yes</td>
</tr>
<tr>
<td>3% of students responded &quot;Unsure&quot;</td>
<td>22% moved to Yes</td>
</tr>
</tbody>
</table>
Additional Resources

You may also request reports that allow you to benchmark your data against that of specific peer groups such as athletic conferences, national affiliations, regional groups and others.

For assistance accessing your online reports, or to request peer benchmark reports, please contact your Partner Service Director.

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