

1 Theory of Reasoned Action

Design a set of studies, using the reasoned action approach to design an effective intervention for an important behavioral problem (e.g., dieting, exercising, using seat belts, and so on). This set of studies should include elicitation work to find the relevant beliefs to include in your main predictive study. Finally, depending on the results you think you would obtain, also include an intervention study.

1.1 Introduction

Humans are notoriously difficult to predict. Momentary variations in motivation, attention, attitudes, and social norms (among other psychological processes) can inform or even dictate a behavioral outcome. Fishbein and Ajzen (1975, see also Ajzen & Fishbein, 1980) proposed the Theory of Reasoned Action (TRA) in an effort to identify the largest contributing predictors to human behavior. TRA primarily proposes that a single factor, behavioral intention, is further broken into two underlying factors for human voluntary behavior: a person's attitudes and their experience with subjective norms. Later, Ajzen (1991) amended TRA to incorporate perceived control, calling the update model the Theory of Planned Behavior (TPB). Simply put, if people do not have any intention to perform a behavior, they will not.

1.2 Theoretical Background

1.2.1 The Theory of Reasoned Action

TRA posits that any particular behavior is a function of an individual's intention to perform that behavior (Ajzen, 1988; Fishbein, Ajzen, & McArdele, 1980). The theory states that as long as both intention and behavior are measured at identical levels of specificity, intention will be a strong predictor of behavior. Any behavioral intention is a direct function of two factors: (a) one's attitude toward performing the behavior and (b) one's subjective perception of normative influences.

Attitudes One's attitude toward performing a behavior can be conceptualized as a function of a person's belief regarding outcomes likely to occur as a result of performing the behavior. A person's evaluation of an outcome can range from either positive or negative. If a person anticipates a positive outcome to a behavior, they are likely to have a favorable attitude toward that behavior. Conversely, if a person anticipates that a behavior will have a negative outcome, they are likely to hold a negative attitude toward that behavior.

The degree to which a behavior is determined to produce an outcome relies on the actor's behavioral beliefs. This behavioral belief system is related to the strength of a cause-effect relationship between a

behavior and the anticipated outcome. If a person were trying to perform well on a test, it would do little good for them to study facing westward if they did not believe it would help their score. Conversely, if this person believed strongly that studying in the library versus a house party would provide a better test outcome, then they will be more likely to study in the library. It is important to note that in predicting behavior, it is not necessary that a belief system be objectively true. That is, if a person strongly believes that facing westward will result in a better outcome, then they are more likely to perform this behavior, regardless of its actual contribution to the outcome.

The second necessary component to establishing an actor's attitudes involves their evaluation of the outcome. One's evaluation refers to the degree an outcome is anticipated to be positive or negative. To illustrate, consider a student who is determining whether to engage in physical activity by attending the university gym. If, when considering whether to work out, the students believe that exercising will boost their physical fitness, elevate their affect, and increase opportunities to socialize, they will likely hold a positive attitude toward attending the gym. If, however, that student believes they will be subject to embarrassment or they will injure or otherwise experience unwanted pain, they will likely hold a negative attitude towards attending the gym.

Subjective Norms In addition to one's own attitude regarding the outcome of a behavior, subjective norms play a fundamental role in predicting the likelihood of whether a behavior will be performed. Subjective norms are the attitudes concerning the behavior that the individual perceives important others (e.g., family, peers, sex partners) to hold. An actor's experience of subjective norms is informed by their perception of others' approval of a potential action as well as the actor's desire to behave in accordance with that social expectation.

Normative beliefs refer to the perception an actor has regarding referential persons' attitudes toward a potential behavior. In the event that the actor perceives social approval for a behavior, then the likelihood of that behavior occurring increases. Alternatively, if the actor perceives social disapproval, that behavior is less likely to occur.

Moderating the impact of normative beliefs is the actor's motivation to comply. The motivation to comply refers to the willingness on the part of the actor to behave in order to appease (or in some cases, violate) a referential group's social pressures. For instance, if an actor's referential group is close, meaningful, and/or consequential, that actor's motivation to comply would be greater than if that referential group is distant and trivial. In a situation where adorning a bedroom with throw pillows is heavily encouraged by valued family members, a person's motivation to comply would likely be much higher than when that same value is held instead by a small community in a foreign country.

External Variables Ajzen and Fishbein (1980) acknowledge that additional factors may assist a person to behave a particular way may be present, if however they do not hold large predictive value.

Rather, actor personality characteristics, ego- versus exocentrism, gender, age, social class, etc. . . likely play a part in helping develop personal and perceived societal attitudes toward a behavior. For example, a person with extrinsic motivations would be more sensitive to behave on account of subjective norms while and intrinsically motivated person would be more motivated by their personal attitudes and beliefs about a behavior.

Summary Fishbein and Ajzen (1975; Ajzen & Fishbein, 1980) paint all behavioral intentions as predicted by two fundamental contributing forces: attitudes and subjective norms. A person’s attitude is made up of their behavioral beliefs and evaluation of the behavior. That person’s subjective norms are comprised of normative beliefs and motivation to comply. Each of the four components listed here are individually weighted to provide a complete picture of what ultimately causes someone to engage in behavior as depicted in Figure 1.

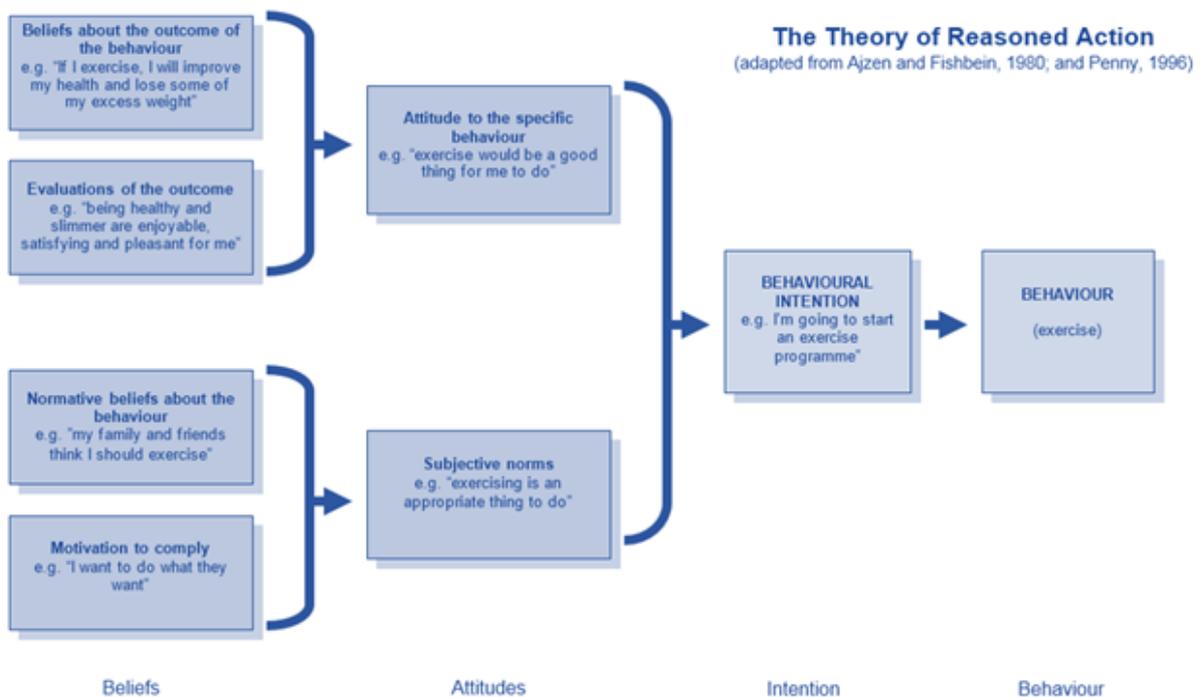


Figure 1: Theory of Reasoned Action

1.2.2 The Theory of Planned Behavior

The theory of planned behavior (TPB, Ajzen, 1991) is an extension of TRA (Ajzen & Fishbein, 1980; Fishbein & Ajzen, 1975) necessitated by the original model’s limitations in dealing with behaviors in which people lack complete volitional control (Ajzen, 1991). The theory of planned behavior contains the original components of the theory of reasoned action, with the addition of a form of self-efficacy termed perceived behavioral control.

Control Beliefs Concerning the presence or absence of facilitators and barriers to a behavior, control beliefs refer to the role of self-efficacy. Specifically, control beliefs are those held by the actor that considers the degree to which they have agency over the outcome behavior. Perhaps a famous example, the 12-Step program in Alcoholics Anonymous (2001) begins with a statement regarding control beliefs, namely Step 1: “We admitted we were powerless over alcohol – that our lives had become unmanageable.” This AA example diverges immediately from TPB, however, as the 12-step framework deliberately uses a person’s ‘powerlessness’ as the spur to change behavior, while TPB would predict the opposite.

Distinct from whether an actor believes that they have control over their ability to perform a behavior, perceived power refers to the difficulty the actor anticipates the behavior to be. This is distinct from the notion of locus of control (LOC) (Rotter, 1966) in that a person with high LOC believes their outcomes are determined by their own behavior, while they at the same time might hold low Perceived Behavioral Control (PBC) indicating a low likelihood of a particular outcome occurring. Perceived behavioral control varies across situations and actions, resulting in a person having varying perceptions of behavioral control depending on the situation. This component is the weighted sum of control beliefs and the perceived power of a particular control factor to facilitate or inhibit performance of the behavior (Ajzen & Driver, 1991)

Summary The theory of planned behavior evolved from a necessity to incorporate the aspect of a person’s perceived ability to control the outcome of a particular behavior. Perceived control does not fundamentally change the structure of TRA, but it does tack onto it in order to more precisely predict behavioral intentions, which in turn predicts behavior. As demonstrated in Figure 2, the full theory of planned behavior incorporates external variables, TRA’s attitudes and subjective norms, and perceived control (from Montano & Kasprzyk, 2008).

1.2.3 Measuring TRA And TPB Constructs

TRA and TPB are typically in the form of 7-point Likert scales scored from -3 to +3. Regarding attitudes, behavioral beliefs are generally measured on a scale from “unlikely-likely” or “disagree-agree”, while evaluations are measured on a scale from “bad-good”. For example, one outcome of “my nightly running” may be that this “will cause me to injure myself”. The measurement of this behavioral belief would be to ask how likely it is that running will cause that person to injure them self. In evaluating this outcome, that person would be asked how desirable they felt injuring them self to be. Behavioral beliefs and evaluations can be assessed for what would be presumed to be both negative and positive outcomes. “My nightly running will increase my cardiovascular health” is an example of a positive outcome for running.

To create an overall attitude score, the behavioral belief score is multiplied by the evaluation score. In

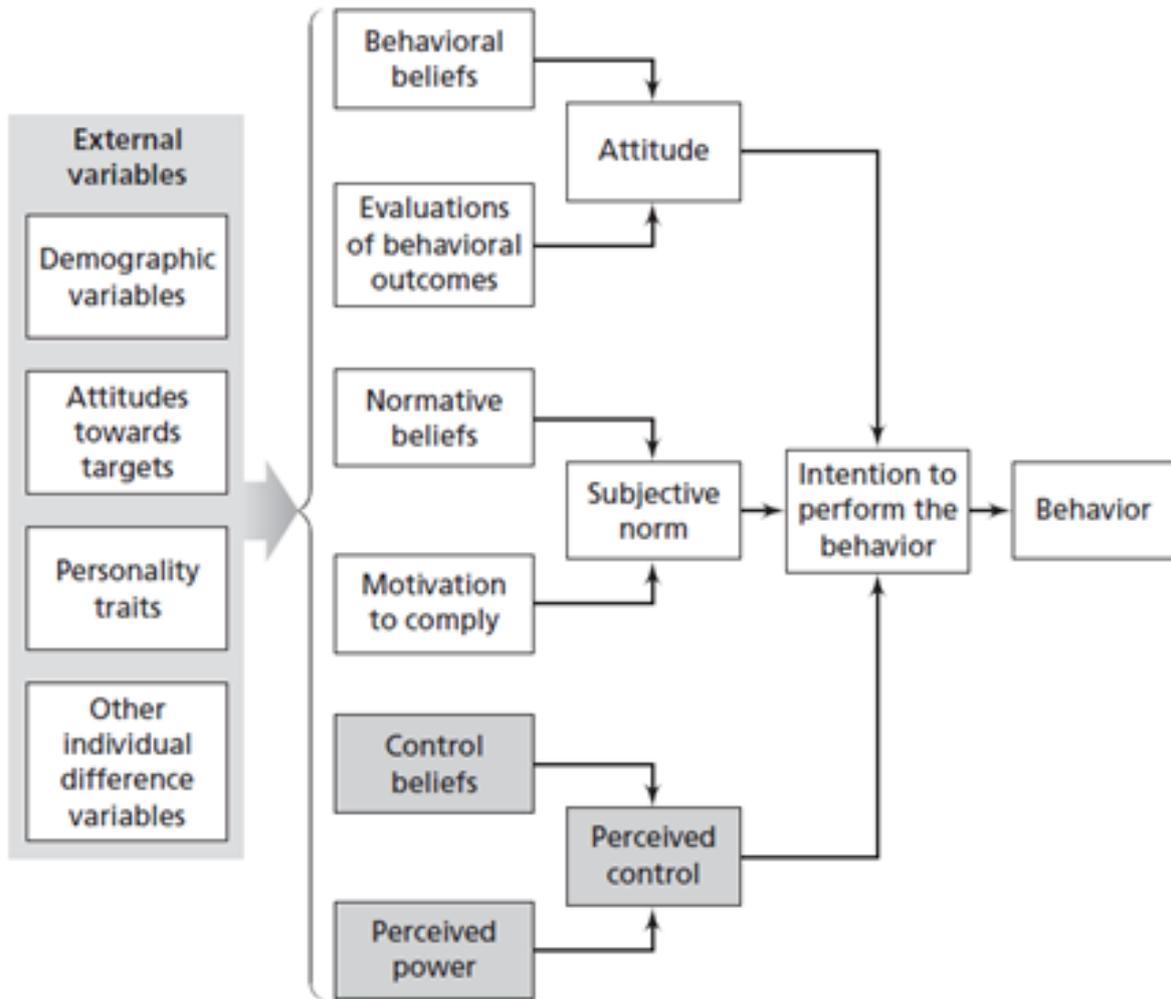


Figure 2: Theory of Planned Behavior

the example above, imagine a person considered that injuring them self while running was unlikely. This person would respond ‘-3’. Next, they consider injuring themselves to be negative, resulting in another ‘-3’. The belief-evaluation product score for the statement “my nightly running will cause me to injure myself” is ‘+9’, indicating a strong belief that performing the behavior will not result in a negatively valued outcome. The same belief-evaluation product score (+9) would be achieved if the same person strongly believed a positive outcome would occur, namely that nightly running would improve their health. An individual’s attitude score can be expressed as the following:

$$A \propto \sum_{i=1}^n b_i e_i$$

Subjective norms are computed to a scale ranging from -3 to +21. This results in a product score between indicating the degree to which a respondent believes a referent group thinks they should perform a behavior (normative belief, -3 to +3) multiplied by the potential actor’s motivation to comply (+1

to +7). For example, the referent in question may be the actor's personal trainer. The subjective norm product score in this case would result from asking the actor first "to what degree do you believe your personal training thinks you should run nightly?" followed by "how motivated are you to do as your personal trainer wishes?" The actor's indirect measurement of subjective norms is computed by taking each norm x motivation product and summing it across all applicable referents. An individual's subjective norms can be expressed as the following:

$$SN \propto \sum_{i=1}^n n_i m_i$$

Finally, perceived control measures regarding each factor are measured on a scale from -3 to +3. Control beliefs, as in our example the degree to which one has control over their ability to run in the form of resources or opportunities. In our example, the person might be asked the degree to which they believe they have time in their day to go running, or that the clothes they own or could obtain are sufficient for running. Perceived power, scored the same, would ask the respondent to rate the degree of difficulty or ease a particular obstacle presents. In this case, the person would be asked whether they believed that having the proper equipment made it more difficult (-3) or easier (+3) for them to run at night. The indirect measure of perceived behavioral control is calculated by multiplying each belief x difficulty score and summing them across all control factors. An individual's control beliefs can be expressed as the following:

$$PCB \propto \sum_{i=1}^n c_i p_i$$

As mentioned previously, the best predictor of behavior is behavioral intention. Using the measurements of attitudes, social norms, and perceived control behaviors, behavioral intention can be expressed by the following expression

$$BI_i = (b_0 + b_1 A_i + b_2 SN_i + b_3 PCB_i) + \epsilon_i$$

. At that point, the degree to which a behavioral intention predicts the behavior can be expressed as

$$B_i = (b_0 + b_1 BI_i) + \epsilon_i$$

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1.2.4 Discussion

The Theory of Reasoned Action, and then the Theory of Planned Behavior, have demonstrated to be useful in predicting human behavior in multiple domains. To date, TRA has been tested in promoting healthful behaviors (i.e. anti-hazing, Richardson, Wang, & Hale; condom use, Albarracín, Johnson,

Fishbein, & Muellerleile, 2001; Valdez, 2006; & chlamydia testing, Booth, Norman, Harris, & Goyder), consumer behavior (Choong, 1998), and voting behavior (Fishbein & Ajzen, 1980), among many, many others. Indeed, a thorough examination of TRA and TPB would conclude that nearly any predictable behavioral would be worth evaluating through the lens of behavioral intentions.

1.3 Application

While theoretical framework, and even evidence supporting that framework, are interesting, a theory or phenomena is, from a utilitarian perspective, useful when it provides advantage, benefit, good, or reduces pain or unhappiness (Bentham, 1789). From this perspective, the remainder of this paper will seek to establish an applied use for TPB to benefit real people; specifically, I will propose a program to increase health and wellness at my current station, Missouri Southern State University.

In the Fall of 2018, Missouri Southern State University established, for the first time, a set of Institutional Learning Outcomes (ILOs). These outcomes, broadly, encompass the knowledge, skills, abilities, and attitudes that students are expected to develop as a result of their overall experiences with any aspect of the college, including courses, programs, and student services. Missouri Southern State University presently has three broad ILOs: The successful graduate of MSSU will demonstrate literacy; demonstrate preparedness to contribute positively to local, national, and global communities; and attend to personal and professional well-being.

The broad outcome of Personal and Professional Well-being contains five suboutcomes:

1. The successful graduate of MSSU will strive for physical wellness.
2. The successful graduate of MSSU will pursue social wellness.
3. The successful graduate of MSSU will reflect on occupational wellness.
4. The successful graduate of MSSU will seek intellectual wellness.
5. The successful graduate of MSSU will strive for emotional wellness.

Of particular interest for this project, I will focus on applying the principles of TPB to suboutcome 1: Physical Wellness. Physical Wellness, as the name suggests, involves the improvement and/or maintenance regarding a student's physicality including nutrition, substance consumption (i.e. smoking, drugs, alcohol), interpersonal violence, sexual health, and exercise. Beginning with a broad focus on intentional antecedents of behaviors conducive to physical well being, the scope of this project will then be limited to behavior-intention decisions regarding, and then possible interventions to increase, physical activity.

There are three major opportunities to access students' intentions and behaviors regarding physical activity. The first is the course "Lifetime Wellness" from the Kinesiology Department and is required of all first-year students as partial fulfillment of their general education requirement. The second is the Missouri Assessment of College Health Behaviors (MACHB) survey which focuses on campus-wide

health trends as compared to other Missouri institutions of higher learning and is administered annually by the Advising, Counseling, and Testing Services (ACTS). The third is recreational facility (campus gym, pool, racquetball courts) and service (campus intramural sports, fitness classes) use data collected by the Recreational Services office.

The Lifetime Wellness course (KINE0103) at MSSU serves to instruct predominantly incoming first-time first-year college students on myriad matters of health and wellness. This instruction incorporates many aspects of health and wellness, explicitly mentioning in the course catalog that it is “Designed to provide students with the knowledge and self-management skills that will assist them in adopting healthy lifestyles. The course will encompass all areas of wellness: physical, emotional, spiritual, social, and intellectual.”

In Kinesiology’s efforts to improve student health and wellness across campus, the department developed a set of surveys (Appendix A) which serve two purposes. The first purpose serves as an assignment for students to complete for credit in their course. The second purpose, having received consent from individual students, uses these survey data to make informed policy decisions for the university. The questions answered in these surveys measure many aspects of health including establishing a baseline lifestyle evaluation (Lab 1.2), overcoming fitness obstacles (2.2), assessing cardiorespiratory endurance (Lab 3.1), assessing body mass index (BMI, Lab 6.1), nutrition (Lab 5), and assessing key stressors (Lab 10.1).

With a captive student sample (529 enrolled in KINE0103 in Fall 2019, 729 first time first year students in Fall 2019), the current lifetime wellness project appears to be an ideal opportunity to embed measurements of reasoned action and planned behavior. While not all students in the course consent to the data collection procedure (as opposed to the course level assignment completion data, which is required), those who do offer their permission to the Kinesiology Department and institutional researchers to join their lifetime wellness project survey responses with institutional data.

In terms of behavioral outcomes, a combination of proximal and distal measurements can provide convergent evidence to the effectiveness of any implementation as a part of a reasoned action intervention. Specifically, the MACHB survey administered to students would capture general improvement or diminishment of student health and wellness, while services offered, and data collected, by the Recreation Services office will provide a more proximal measurement of specific wellness behaviors; in particular student access of the gym, pool, intramural sports, and fitness classes. A more precise nature of how these data collection opportunities can reflect the impact of an intervention will be discussed following a discussion of the measurements and the intervention.

Ajzen et al. (2018) identify at least two manners of evaluating the attitude-behavior link. The first is identifying the link between a broad set of attitudes and similarly a broad set of related behaviors. This would be the case when using measured healthful attitudes to predict an aggregation of healthful

behaviors, such as fruit and vegetable consumption AND smoking cessation AND using stairs, etc..., rather than using attitudinal measurement to predict any particular healthful behavior. The second relates to the principle of compatibility (Ajzen 1988; Ajzen & Fishbein 1980) which mandates that the attitude and behavior in question involve exactly the same target, act, context, and time (TACT). As such, the series of studies one and two here will begin with the latter, focusing on proximal measures of specific attitudes and TACT behaviors, and progress toward the former, with study three focusing on improving the overall health and wellness of the student population at Missouri Southern State University.

1.3.1 Study 1: Prediction

The most comprehensive work to date conducted with respect to the intention-behavior connection to physical activity was the meta-analysis conducted by Hagger, Chatzisarantis, and Biddle (2002). In their review of 72 studies at the time, Hagger et al. found that, generally, TPB measurements offered slightly more predictive capacity than did TRA, with Perceived Behavioral Control (PBC) largely accounting for the difference. Within PBC, as Trafimow et al. (2002) uncovered, there is a distinction between perceived control and perceived difficulty that will be assessed in addition to the standard TPB measures. Finally, multiple meta-analyses (Hagger et al., 2002; McEachan et al., 2011) determined that previous behavior was a major contributing factor to future behavior.

In order to capture students' attitudes, subjective norms, and perceived control, they will be presented a typical battery of TPB questions. These physical activity related questions will present each participating student with an opportunity to indicate their behavioral intentions, attitude toward the behavior, outcome evaluation, behavioral belief, subjective norms, normative beliefs, motivation to comply, perceived control, perceived difficulty, and previous behavior (See Appendix B for example questions (Ajzen, 2013).

The method of delivery will be the same as KINE0103 students already complete, that is, as a portion of the lifetime wellness project they complete for course credit. As mentioned previously, while all KINE0103 students complete these questionnaires as required for course credit, only those students who consent to having their responses and institutional data used will be included in the analysis. While the lifetime wellness questionnaires are scheduled for distribution throughout the semester to correspond with course topics, the TPB questionnaire.

Ultimately, the objective behavioral outcome measure will be actual on-campus gym or pool attendance by students after having completed the initial TPB battery. A free service afforded students, gym and pool access is measured by individual identification card swipes upon entering campus recreational facilities. These data are stored in the Missouri Southern State University's enterprise resource planning (ERP) software Ellucian Banner which can be joined by student ID number to their TPB responses.

There are a number of caveats to consider in using attendance to the on-campus gym and pool as objective behavioral measure of intended physical activity. The first, and predominant, concern is this method misses entirely the students with perhaps the strongest intention-behavior link: those to whom physical activity is so important, they have an established behavioral history in gyms *other than* that which is available on campus.

Incidentally, this was a concern of Recreation Services in Fall 2018 such that the department, in conjunction with the Office of Institutional Effectiveness, developed, administered, and analyzed a short, random sample, field survey inquiring the possible reasons for lack of attendance at the gym. The results (Appendix C) dispel the notion that, of those students sampled, they were not attending because they had gym memberships elsewhere (which would be asked on the initial TPB battery anyhow), but rather that students felt as though they simply did not have time between work and school to address their physical activity through campus facilities. This finding, that students do not have much control (perceived control) over their schedules and as such find it difficult (perceived difficulty) to make time should prove illustrative when predicting who does and who does not make use of the campus gym.

1.3.2 Study 2: Intervention

While being able to predict behavior is valuable in some domains, with regard to recreational facility use specifically, and student health and wellness more broadly, it is necessary that established theory moves from the academic literature and be applied for the benefit of the campus community. To accomplish this, a natural experiment can be conducted with mechanisms already in place for KINE0103 students. Specifically, information students see when accessing their course materials through its dedicated learning management system, in this case Blackboard, will be manipulated with the goal of increasing the outcome behavior.

To begin, as with Study 1, students will complete the TPB questionnaire at the beginning of the course. This information will be valuable to evaluate which antecedents are most capable of being manipulated. For instance, is it the case that repetitive messaging on subjective norms increases gym attendance over the course of the semester over and above the impact of attitude messaging? Having a baseline measure of TBP constructs also provides an opportunity to determine whether these students' evaluation of them changes over time. If, for example, students' rate their attitudes of attending the gym more favorably at the end of the semester than the beginning, a case could be made that while attitudes have changed, the behavior itself has not, and that this intervention, in practice, is low in utility.

In order to increase lifetime wellness student gym and pool attendance, again measured by card swipes, students will be presented with uncircumnavigatable messages in Blackboard that seek to change students' attitudes, subjective norms, and perceived control and difficulty. These messages will be assigned at the course level. For example, with 18 separate KINE0103 courses in Fall 2019, messaging

would be divided evenly among the courses.

First, one fifth of the sources (in the case of Fall 2019, $K \approx 3$) would receive no messaging whatsoever. As the control group, the students in these randomly selected group of classes would be presented no additional messaging as they enter Blackboard for their KINE0103 course materials and work. There will be four TPB messaging conditions distributed among the remaining 15 KINE0103 classes ($K \approx 4$ each). In one group of classes, students will be presented a splash screen with messaging (See Appendix D for examples) intended to boost student attitudes regarding gym attendance which must be acted upon in order to advance to the course materials. Likewise, another four course's students will receive messaging intended to increase evaluations of subjective norms, another four courses to increase perceived control, and the final four courses to reduce perceived difficulty.

The goal here is threefold; first, does construct-specific messaging increase that particular construct over time; second, does messaging increase the portion of variance explained for that construct's predictive capacity for behavioral intention; and third, which of these construct-messaging efforts contribute most to actual gym attendance? Isolating the type of messaging most effective for getting students into the gym to exercise has the potential to use these findings to create broader health and wellness campus campaigns, eventually including far more than simply gym attendance.

1.3.3 Study 3: Campus Rollout

The final step in this set of studies is to use the findings from Study 1 and Study 2 to bring about real growth towards MSSU's ILO of Personal and Professional Well Being: Physical Well Being. By identifying the most effective TPB messaging in Study 2, resources could be dedicated campus-wide with an emphasis on the most effective construct.

MSSU has many avenues for health and wellness messaging. The University Relations and Marketing (URM) department has a vast social media presence, producing numerous on-campus image and video messages every week across multiple platforms. In addition, Recreation Services has its own media presence across social networks and on-campus televisions. Recently, Recreation Services collaborated with URM to produce an in-house commercial for the gym and pool; having theory and data-driven messaging would provide them with considerable advertising content moving forward.

The goal of student health and wellness does not end at students' gym attendance, however. In order to increase health and wellness across domains, messaging must be applied across domains. Additionally, a new metric apart from gym attendance must be used to capture the myriad behaviors involved in creating a healthier campus. Presently, the best measurement of various health and wellness behaviors is the MACHB (Appendix E).

As mentioned above, the MACHB is a state-wide health and wellness assessment administered by participating higher learning institutions and conducted by Missouri Partners in Prevention (PIP; www.missouri.edu/ipp).

`pip.missouri.edu`). While each university curates its own randomized sample (equal distribution of student level classifications, 60% male, 40% female), PIP contacts those students who then fill the anonymous survey. PIP then reports back aggregated data from MSSU's participating sample as well as the aggregated data of all other students completing the survey that academic year.

To partially demonstrate, the comparator sample size provided by PIP was $n=9,752$. The MSSU sample ($n=252$) was 18.9% of the selected sample of MSSU students ($n=1332$) and 4.5% of all students ($n=5593$) enrolled in Fall 2019. Clearly, extrapolating the health and wellness results from a sample as small as 4.5% of the population is difficult. Further, the nebulous nature of the messaging interventions *and* of the outcome measurement renders any sort of precise causal link to be highly improbable.

Despite concerns such as participant self-selection bias and external validity, it is possible to generate evidence that health-related intervention messaging *might* be working. If you recall above, TPB works best when predicting the attitude and the measured behavior are compatible (i.e. attitude towards alcohol consumption and abstinence intentions or behaviors (Ajzen, 1988; Ajzen & Fishbein, 1977)). In this manner, depending on the type of messaging deemed most effective in driving behavior from Study 2 (attitudes, subjective norms, perceived control, and perceived difficulty), a year-long alcohol consumption reduction messaging campaign could be conducted. If, for example, the MSSU MACHB sample indicating they have binge drank (> 5 drinks within a 2-hour period) more than zero times in the past two weeks has reduced down from 11%, while tobacco use stayed the same or increased, this would provide a modicum of evidence in favor of effective messaging.

Also, possible messaging effectiveness could be determined by comparing long-term survey responses of MSSU students to the aggregate of all other students completing the MACHB. Despite being unable to monitor all other participating university's health and wellness interventions, it would be possible to cautiously assert that, if over time, MSSU binge drinking rates drop while the comparator aggregate remains constant or increases year-to-year, MSSU's TPB-informed health and wellness initiative is at least benefiting the student body more than it costs the university to provide resources to messaging intervention.

1.4 References

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2 Appendix A: Example TPB Physical Activity Items (Ajzen, 2013)

Instrument Title: Theory of Planned Behaviour Questionnaire
Instrument Author: Ajzen, I.
Cite instrument as: Ajzen, I. . (2013) . Theory of Planned Behaviour
Questionnaire . Measurement Instrument Database
for the Social Science. Retrieved from www.midss.ie

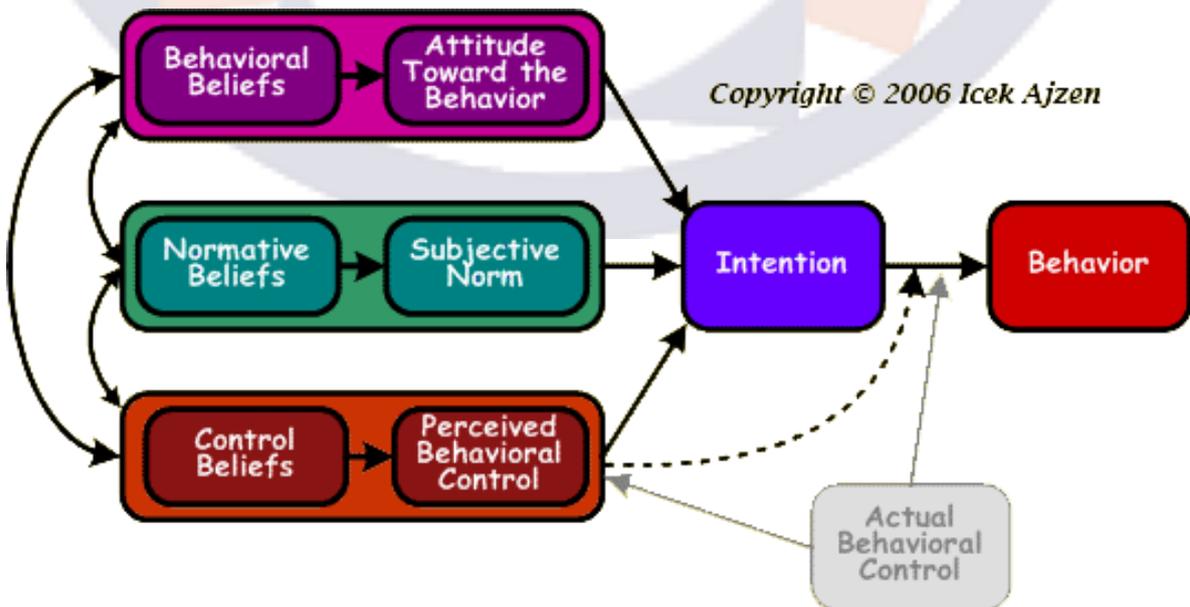


CONSTRUCTING A THEORY OF PLANNED BEHAVIOR QUESTIONNAIRE

Icek Ajzen

Brief Description of the Theory of Planned Behavior

According to the theory, human behavior is guided by three kinds of considerations: beliefs about the likely consequences of the behavior (behavioral beliefs), beliefs about the normative expectations of others (normative beliefs), and beliefs about the presence of factors that may facilitate or impede performance of the behavior (control beliefs). In their respective aggregates, behavioral beliefs produce a favorable or unfavorable *attitude toward the behavior*; normative beliefs result in perceived social pressure or *subjective norm*; and control beliefs give rise to *perceived behavioral control*. In combination, attitude toward the behavior, subjective norm, and perception of behavioral control lead to the formation of a behavioral *intention*. As a general rule, the more favorable the attitude and subjective norm, and the greater the perceived control, the stronger should be the person's intention to perform the behavior in question. Finally, given a sufficient degree of *actual* control over the behavior, people are expected to carry out their intentions when the opportunity arises. Intention is thus assumed to be the immediate antecedent of behavior. However, because many behaviors pose difficulties of execution that may limit volitional control, it is useful to consider perceived behavioral control in addition to intention. To the extent that perceived behavioral control is veridical, it can serve as a proxy for actual control and contribute to the prediction of the behavior in question. The following figure is a schematic representation of the theory.



The following description of questionnaire construction is based on the appendix in Fishbein, M., & Ajzen, I. (2010). *Predicting and changing behavior: The reasoned action approach*. New York: Psychology Press.

Formative Research

- *Defining the Behavior*

Before any work can begin, the behavior of interest must be clearly defined in terms of its target, action, context, and time elements.

Example: Physical Activity

We could define exercise behavior as follows (see Terry & O’Leary, 1995): “Exercising for at least 20 min, three times per week for the next three months.”

- *Specifying the Research Population*

The population of interest to the investigators also must be clearly defined.

Example: Post-operative patients

In this example, only individuals who have just undergone major heart surgery would be included in the research population.

- *Formulating Items for Direct Measures*

Five to six items are formulated to assess each of the theory’s major constructs: Attitude, perceived norm, perceived behavioral control, and intention. Seven-point bipolar adjective scales are typically employed. Sample items assessing intention and each aspect of attitude, perceived norm and perceived control are shown below; additional items and instructions to the participants are shown in the sample questionnaire (Part II). Participants are asked to circle the number that best describes their personal opinions. Note that the items are formulated to be exactly compatible with the behavioral criterion and to be self-directed.

Attitude: Instrumental and experiential aspects

My exercising for at least 20 minutes, three times per week for the next three months would be

bad : 1 : 2 : 3 : 4 : 5 : 6 : 7 : good

pleasant : 1 : 2 : 3 : 4 : 5 : 6 : 7 : unpleasant

Perceived norm: Injunctive and descriptive aspects

Most people who are important to me approve of my exercising for at least 20 minutes, three times per week for the next three months.

agree : 1 : 2 : 3 : 4 : 5 : 6 : 7 : disagree

Most people like me exercised for at least 20 minutes, three times per week in the three months following their major heart surgery

unlikely : 1 : 2 : 3 : 4 : 5 : 6 : 7 : likely

Perceived behavioral control: Capacity and autonomy aspects

I am confident that I can exercise for at least 20 minutes, three times per week for the next three months.

true : 1 : 2 : 3 : 4 : 5 : 6 : 7 : false

My exercising for at least 20 minutes, three times per week for the next three months is up to me

disagree: 1 : 2 : 3 : 4 : 5 : 6 : 7 : agree

Intention

I intend to exercise for at least 20 minutes, three times per week for the next three months.

likely : 1 : 2 : 3 : 4 : 5 : 6 : 7 : unlikely

Past behavior

In the past three months, I have exercised for at least 20 minutes, three times per week.

false : 1 : 2 : 3 : 4 : 5 : 6 : 7 : true

(Note that, in the current example, past behavior may not be a good predictor of future behavior because the past behavior would have occurred prior to the heart surgery.)

- *Administering a Pilot Questionnaire*

Eliciting Salient Beliefs

A small sample of individuals representative of the research population (post-operative patients) is used to elicit readily accessible behavioral outcomes, normative referents, and control factors. Although the participants can be assembled in groups, the elicitation is done individually in a free response format.

Instructions: Please take a few minutes to tell us what you think about the possibility of exercising for at least 20 min, three times per week for the next three months. There are no right or wrong responses; we are merely interested in your personal opinions. In response to the questions below, please list the thoughts that come immediately to mind. Write each thought on a separate line. (Five or six lines are provided for each question.)

Behavioral outcomes

- (1) What do you see as the advantages of your exercising for at least 20 minutes, three times per week for the next three months?
- (2) What do you see as the disadvantages of your exercising for at least 20 minutes, three times per week for the next three months?
- (3) What else comes to mind when you think about exercising for at least 20 minutes, three times per week for the next three months?

Normative referents

When it comes to your exercising for at least 20 minutes, three times per week for the next three months, there might be individuals or groups who would think you should or should not perform this behavior.

- (1) Please list the individuals or groups who would approve or think you should exercise for at least 20 minutes, three times per week for the next three months.
- (2) Please list the individuals or groups who would disapprove or think you should not exercise for at least 20 minutes, three times per week for the next three months.
- (3) Sometimes, when we are not sure what to do, we look to see what others are doing. Please list the individuals or groups who, after major heart surgery, are most likely to exercise for at least 20 min, three times per week for the three months following surgery.
- (4) Please list the individuals or groups who, after major heart surgery, are least likely to exercise for at least 20 min, three times per week for the three months following surgery.

Control factors

- (1) Please list any factors or circumstances that would make it easy or enable you to exercise for at least 20 min, three times per week for the next three months.
- (2) Please list any factors or circumstances that would make it difficult or prevent you from exercising for at least 20 min, three times per week for the next three months.

Constructing Sets of Modal Salient Beliefs

A content analysis of the responses to the above questions results in lists of modal salient outcomes, referents, and control factors. These lists are used to construct items to be included in the final questionnaire, as described below.

Formulating Direct Measures

The pilot questionnaire, in addition to eliciting salient outcomes, normative referents, and control factors also includes the items that were formulated to obtain direct measures of attitude toward the behavior, perceived norm, and perceived behavioral control. The data obtained are used to select reliable and valid items for use in the final questionnaire. Each set of items designed to directly assess a given construct should have a high degree of internal consistency (e.g., a high alpha coefficient), and the measures of the different constructs should exhibit discriminant validity. To achieve these aims, one or two items may have to be dropped for each construct. Confirmatory factor analysis is one means of evaluating the quality of the scales to be included.

Finally, the pilot questionnaire also includes measures of any background factors or other variables the investigator believes may be interest for the behavior under investigation. These could be demographic characteristics (age, gender, ethnicity, level of education, income), personality characteristics (e.g., conscientiousness) or other individual difference variables (e.g., self-esteem, sensation seeking), social structure variables (e.g., rural vs. urban residence), and so forth. The results of the pilot study also allow us to evaluate the utility of these background measures: Do the personality and other individual difference measures have high internal consistency? If not, can internal consistency be improved by deleting some of the items? Do any of the background variables correlate with intentions or past behavior? If not, should they be retained in the final questionnaire?

Preparing a Standard Questionnaire

We are now ready to put together the standard questionnaire to be used in the main study. This questionnaire includes the following elements.

(1) Behavioral Beliefs and Outcome Evaluations

With respect to each salient behavioral outcome, items are formulated to assess the strength of the behavioral beliefs and the evaluation of the outcome.

Sample Outcome: Faster recovery from my surgery

Behavioral belief strength

My exercising for at least 20 min, three times per week for the next three months will result in my having a faster recovery from my surgery.

likely : 1 : 2 : 3 : 4 : 5 : 6 : 7 : unlikely

Outcome evaluation

My having a faster recovery from my surgery is

good : 1 : 2 : 3 : 4 : 5 : 6 : 7 : bad

(2a) Injunctive Normative Beliefs and Motivation to Comply

With respect to each salient normative referent, items are formulated to assess the strength of the injunctive normative belief and the motivation to comply with the referent individual or group.

Sample injunctive normative referent: My doctor

Injunctive normative belief strength

My doctor thinks that

I should : 1 : 2 : 3 : 4 : 5 : 6 : 7 : I should not exercise for at least 20 min, three times per week for the next three months.

Motivation to comply

When it comes to matters of health, I want to do what my doctor thinks I should do. agree : 1 : 2 : 3 : 4 : 5 : 6 : 7 : disagree

(2b) Descriptive Normative Beliefs and Identification with the Referent

With respect to each relevant salient referent, items are formulated to assess the strength of the descriptive normative belief and the identification with the referent individual or group.

Sample descriptive normative referent: My friends

Descriptive normative belief strength

Most of my friends who have undergone major heart surgery have exercised for at least 20 min, three times per week for the three months following surgery.

false : 1 : 2 : 3 : 4 : 5 : 6 : 7 : true

Identification with the referent

When it comes to matters of health, how much do you want to be like your friends? very much : 1 : 2 : 3 : 4 : 5 : 6 : 7 : not at all

(3) Control Beliefs and Power of Control Factors

With respect to each salient control factor, items are formulated to assess the likelihood that the factor will be present and the factor's power to facilitate or impede performance of the behavior.

Sample control factor: Physical strength

Control belief strength

I expect that I will have physical strength in the next three months. likely : 1 : 2 : 3 : 4 : 5 : 6 : 7 : unlikely

Power of control factor

Having physical strength would enable me to exercise for at least 20 min, three times per week for the next three months.

disagree : 1 : 2 : 3 : 4 : 5 : 6 : 7 : agree

(4) Direct Measures

Another element of the final questionnaire are the direct measures developed on the basis of the pilot data to assess attitudes, perceived norm, perceived behavioral control, and intentions. In addition, the questionnaire will usually also include a measure of past behavior, as described earlier.

(5) Other Measures

The final questionnaire also includes measures of all demographic characteristics, personality variables, and other background factors the investigator decided to retain.

(5) Behavior

Three months following administration of the questionnaire (or another period as defined by the behavioral criterion), the participants are recontacted and asked to report whether they had exercised for at least 20 min, three times per week for the past three months.

3 Appendix B: Recreation Services Survey Results

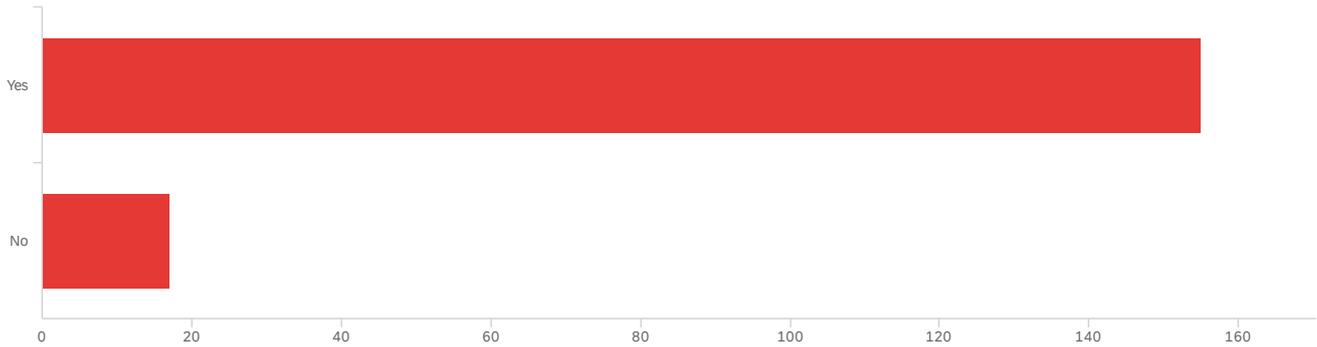
Default Report

Rec Services Quick Survey

March 16, 2020 8:05 PM CDT

Q1 - Are you aware that as a tuition paying student, you have access to the Beimdiek

Recreation Center and Aquatics & Racquetball facility?



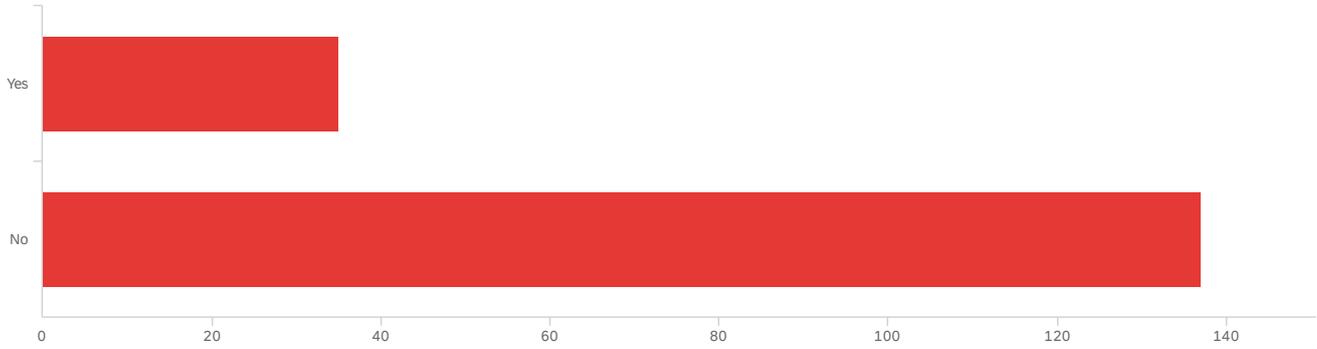
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Are you aware that as a tuition paying student, you have access to the Beimdiek Recreation Center and Aquatics & Racquetball facility?	1.00	2.00	1.10	0.30	0.09	172

#	Field	Choice Count
1	Yes	90.12% 155
2	No	9.88% 17

172

Showing rows 1 - 3 of 3

Q2 - Do you attend/ belong to another health community (e.g. Planet Fitness, Colaw, crossfit, etc...)?



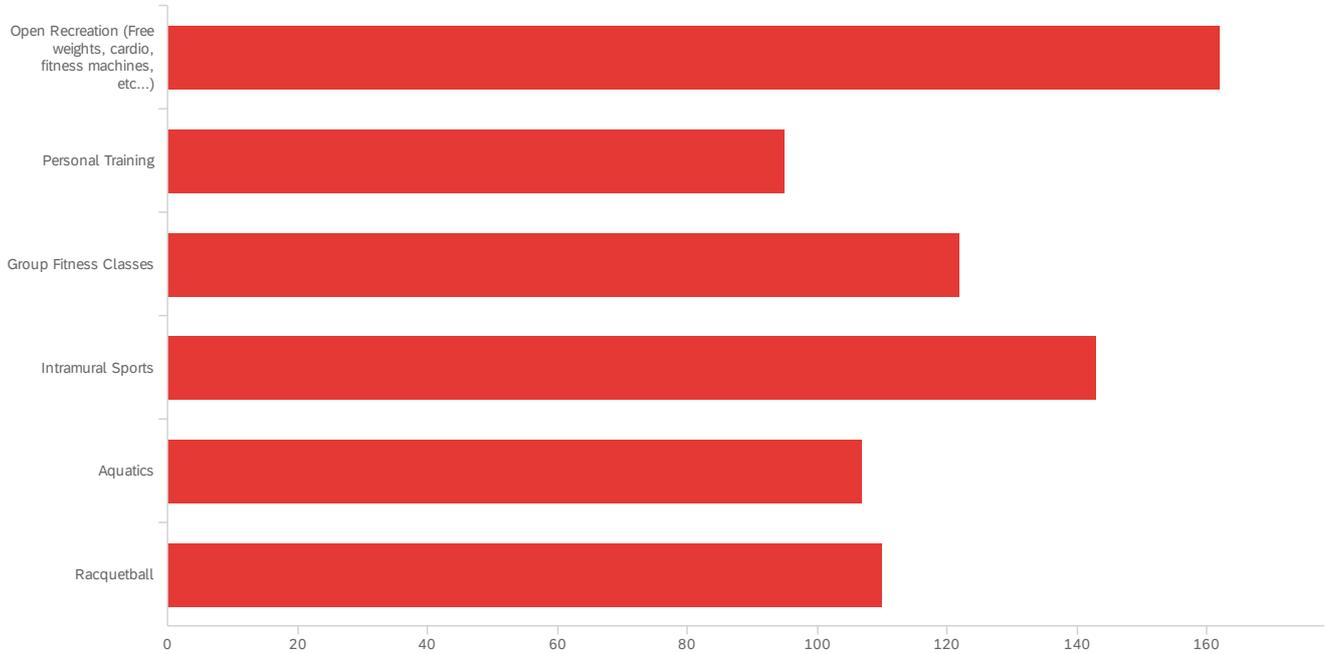
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you attend/ belong to another health community (e.g. Planet Fitness, Colaw, crossfit, etc...)?	1.00	2.00	1.80	0.40	0.16	172

#	Field	Choice Count
1	Yes	20.35% 35
2	No	79.65% 137

172

Showing rows 1 - 3 of 3

Q3 - Please select all of the services below for which you are AWARE that MSSU has to offer.

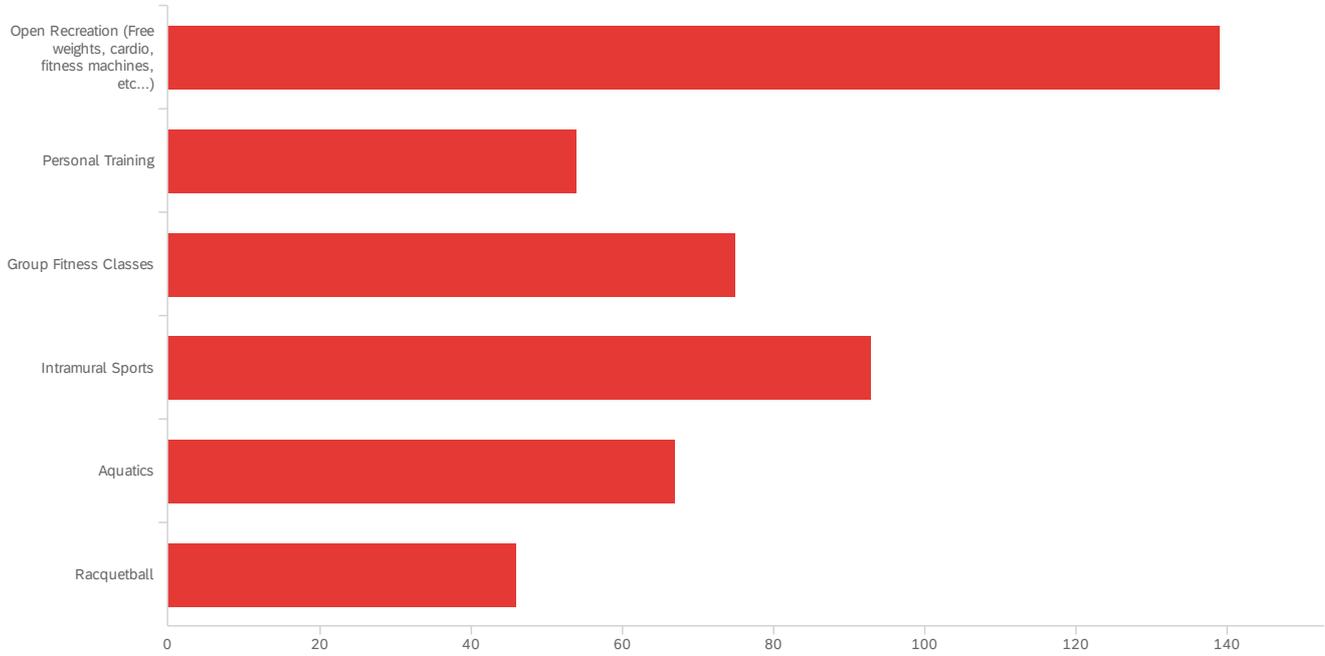


#	Field	Choice Count
1	Open Recreation (Free weights, cardio, fitness machines, etc...)	21.92% 162
2	Personal Training	12.86% 95
3	Group Fitness Classes	16.51% 122
4	Intramural Sports	19.35% 143
5	Aquatics	14.48% 107
6	Racquetball	14.88% 110

739

Showing rows 1 - 7 of 7

Q4 - Please select all of the services below for which you HAVE INTEREST in participating.

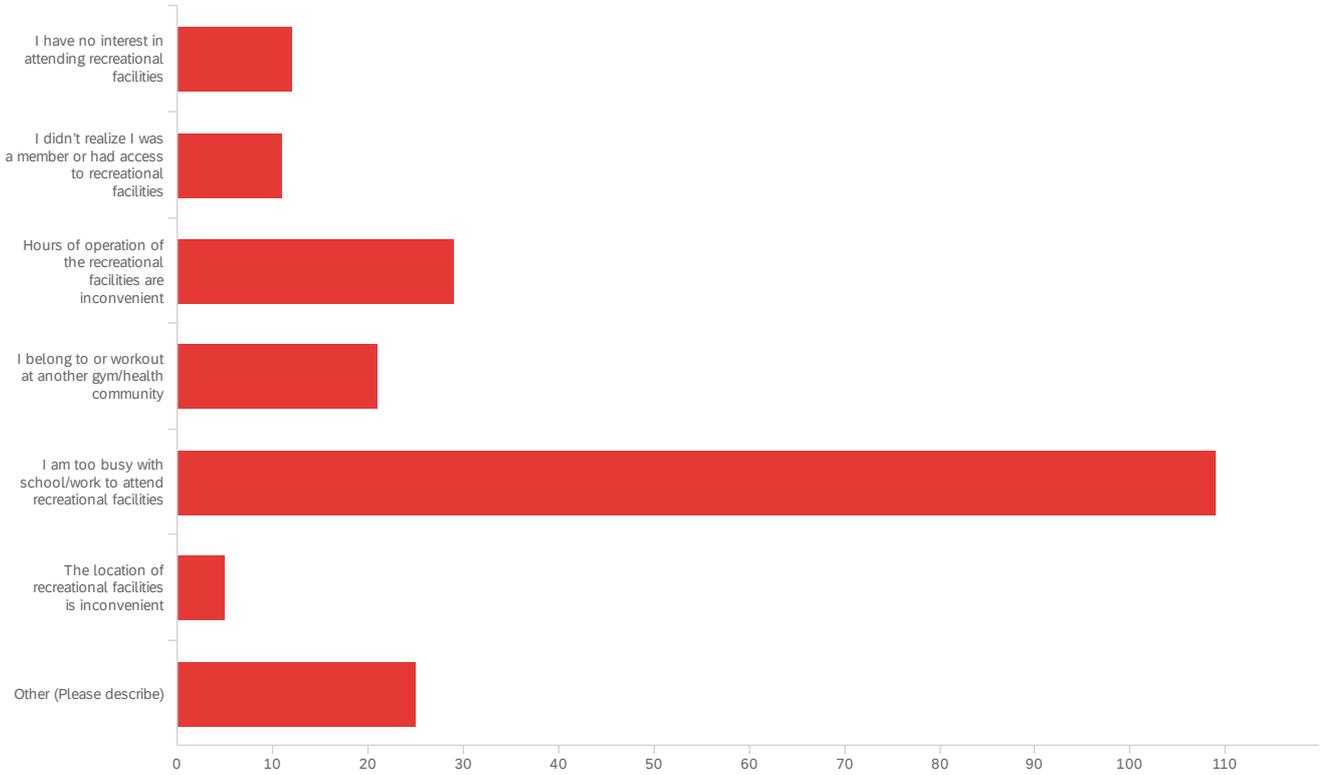


#	Field	Choice Count
1	Open Recreation (Free weights, cardio, fitness machines, etc...)	29.32% 139
2	Personal Training	11.39% 54
3	Group Fitness Classes	15.82% 75
4	Intramural Sports	19.62% 93
5	Aquatics	14.14% 67
6	Racquetball	9.70% 46

474

Showing rows 1 - 7 of 7

Q5 - Please select possible reasons why you may not have attended our recreational facilities:



#	Field	Choice Count
1	I have no interest in attending recreational facilities	5.66% 12
2	I didn't realize I was a member or had access to recreational facilities	5.19% 11
3	Hours of operation of the recreational facilities are inconvenient	13.68% 29
4	I belong to or workout at another gym/health community	9.91% 21
5	I am too busy with school/work to attend recreational facilities	51.42% 109
6	The location of recreational facilities is inconvenient	2.36% 5
7	Other (Please describe)	11.79% 25
		212

Showing rows 1 - 8 of 8

Other (Please describe)

Other (Please describe)

Other (Please describe)

Lack of motivation

I go a lot

Lazy

Belong to a schools sport team so don't have so much time

Just not my thing

I play softball for MSSU

I do

Attend

Attend

Not enough people attend

The rec is LIT

I love the rec

Class times make my asking some of the group classes difficult

Attend

Kelby

On a sports team

I work here

Football

I play football

Track and field for southern

Athlete

I live there

I utilize the rec a lot.

A lot of homework or too tired. Also if weather is bad.

Other (Please describe)

I go here

End of Report

4 Appendix C: TPB Intervention Messaging

Examples of messaging presented to each construct manipulation group of courses.

Attitude messaging

- Getting the recommended 150 hours of moderate aerobic activity has been shown to increase sleep quality. Get your minutes in for free at the Beimdeck Gym!
- Getting the recommended 75 minutes of vigorous weekly exercise has been shown to reduce likelihood of short and long term health ailments. Get your minutes in for free at the Beimdeck Gym!

Subjective norm messaging

- The 75% of MSSU students who attend the Beimdeck Gym once a week or more know what's good for their health, and they want YOU to join them!

Perceived control messaging

- Take back control of YOUR time! School and work are important, but don't let them get in the way of your health. Your time, your rules! Join us at the Beimdeck Gym at least once a week when the time is good for YOU!

Perceived difficulty messaging:

- Getting to the gym is hard. Let us make it easy for you! Come join us for free 20-minute fitness session in between your classes at the Beimdeck gym!

5 Appendix D: PIP MACHB Survey

2017 MACHB Base Survey

Description: 2017 Version of annual survey formally known as MCHBS

Date Created: 7/19/2016 10:09:42 AM

Date Range: 7/21/2016 12:00:00 AM - 8/19/2016 11:59:00 PM

Page - 2017- Missouri Assessment of College Health Behaviors– Base Survey

Q1 You have been randomly selected for the 2017 MACHB survey! Insert Campus Specific Consent Information

I have read the informed consent information and AGREE to participate. [Code = 1]

I have read the informed consent information and DO NOT AGREE to participate. (Go To End) [Code = 2]

Required answers: 1 Allowed answers: 1

Next Page: Conditional

Page - 2

Welcome to the Missouri Assessment of College Health Behaviors Survey, administered in partnership with the University of Missouri in Columbia. In this part, you will be asked about various demographic information. Your answers will be kept anonymous.

Required answers: 0 Allowed answers: 0

Q2 Age:

16 (Go To End) [Code = 1]

17 (Go To End) [Code = 2]

18 [Code = 3]

19 [Code = 4]

20 [Code = 5]

21 [Code = 6]

22 [Code = 7]

23 [Code = 8]

24 [Code = 9]

25 or older [Code = 10]

Required answers: 1 Allowed answers: 1

Next Page: Conditional

Page - 3

Q3 Gender: (Check all that apply)

Female [Code = 1]

Male [Code = 2]

Transgender [Code = 3]

Gender Queer [Code = 4]

Self-Identify (Please specify) [Code = 5] [Textbox]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 6

Q4 Please estimate your cumulative GPA: (e.g., 3.0)

Please enter numbers with a decimal point: [Code = 1] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q5 Ethnicity:

Hispanic/Latino [Code = 1]

Non-Hispanic/Latino [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q6 Racial/ethnic background: (Check all that apply)

American Indian or Alaskan Native [Code = 1]

Asian or Asian-American [Code = 2]

Native Hawaiian or Pacific Islander [Code = 3]

White, European-American, or Caucasian [Code = 4]

Black, African-American, or Native African [Code = 5]

Arab or Non-Arab North African/Middle-Eastern [Code = 6]

Bi-racial or Multi-racial [Code = 7]

Native Caribbean or Afro-Caribbean Islander [Code = 8]

Other (please specify) [Code = 9] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 10

Q7 Sexual Orientation: (Check all that apply)

Bisexual [Code = 1]

Gay [Code = 2]

Lesbian [Code = 3]

Heterosexual [Code = 4]

Queer (Queer is a reclaimed inclusive identity term used to describe an individuals' sexual orientation that does not conform to hetero-normative society.) [Code = 5]

Questioning [Code = 6]

Asexual [Code = 7]

Pansexual [Code = 8]

Other (Please specify) [Code = 9] [Textbox]

I prefer not to respond. [Code = 10]

Required answers: 1 Allowed answers: 10

Q8 Please describe your disability status: (Check all that apply)

I have no disability. [Code = 88]

Learning disability (LD) [Code = 1]

ADD/ADHD [Code = 2]

Deaf/hard of hearing [Code = 3]

Blind/low vision [Code = 4]

Physical health disability [Code = 5]

Mental health disability [Code = 6]

Orthopedic or mobility disability [Code = 7]

Autism Spectrum Disorder [Code = 8]

Speech/language disability [Code = 9]

Neurological disability (traumatic brain injury) [Code = 10]

Other (please specify) [Code = 11] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 13

Next Page: Sequential

Page - 4

Q9 Do you currently access academic accommodations with your campus disability service office?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

NOT Q8='I have no disability.'

Q10 How are you paying for your expenses related to your education?: (Check all that apply)

Pre-existing school savings [Code = 1]

Parents pay [Code = 2]

Loans in my name [Code = 3]

Scholarships [Code = 4]

I have a job to pay for my education [Code = 5]

GI Bill/Military [Code = 6]

Other (Please specify) [Code = 7] [Textbox]

I prefer not to respond. [Code = 8]

Required answers: 1 Allowed answers: 8

Q11 Were you eligible to receive a Pell Grant this semester?

Yes [Code = 1]

No [Code = 0]

Unsure [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q12 Did you graduate from a high school in Missouri?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Q13 What county in Missouri was your high school located?

Adair [Code = 1]

Andrew [Code = 2]

Atchison [Code = 3]

Audrain [Code = 4]

Barry [Code = 5]

Barton [Code = 6]

Bates [Code = 7]

Benton [Code = 8]

Bollinger [Code = 9]

Boone [Code = 10]

Buchanan [Code = 11]

Butler [Code = 12]

Caldwell [Code = 13]

Callaway [Code = 14]

Camden [Code = 15]

Cape Girardeau [Code = 16]

Carroll [Code = 17]

Carter [Code = 18]

Cass [Code = 19]

Cedar [Code = 20]

Chariton [Code = 21]

Christian [Code = 22]

Clark [Code = 23]

Clay [Code = 24]

Clinton [Code = 25]

Cole [Code = 26]

Cooper [Code = 27]

Crawford [Code = 28]

Dade [Code = 29]

Dallas [Code = 30]

Daviess [Code = 31]

DeKalb [Code = 32]

Dent [Code = 33]

Douglas [Code = 34]

Dunklin [Code = 35]

Franklin [Code = 36]

Gasconade [Code = 37]

Gentry [Code = 38]

Greene [Code = 39]

Grundy [Code = 40]

Harrison [Code = 41]

Henry [Code = 42]

Hickory [Code = 43]

Holt [Code = 44]

Howard [Code = 45]

Howell [Code = 46]

Iron [Code = 47]

Jackson [Code = 48]

Jasper [Code = 49]

Jefferson [Code = 50]

Johnson [Code = 51]

Knox [Code = 52]

Laclede [Code = 53]

Lafayette [Code = 54]

Lawrence [Code = 55]

Lewis [Code = 56]

Lincoln [Code = 57]

Linn [Code = 58]

Livingston [Code = 59]

McDonald [Code = 60]

Macon [Code = 61]

Madison [Code = 62]

Maries [Code = 63]

Marion [Code = 64]

Mercer [Code = 65]

Miller [Code = 66]

Mississippi [Code = 67]

Moniteau [Code = 68]

Monroe [Code = 69]

Montgomery [Code = 70]

Morgan [Code = 71]

New Madrid [Code = 72]

Newton [Code = 73]

Nodaway [Code = 74]

Oregon [Code = 75]

Osage [Code = 76]

Ozark [Code = 77]

Pemiscot [Code = 78]

Perry [Code = 79]

Pettis [Code = 80]

Phelps [Code = 81]

Pike [Code = 82]

Platte [Code = 83]

Polk [Code = 84]

Pulaski [Code = 85]

Putnam [Code = 86]

Ralls [Code = 87]

Randolph [Code = 88]

Ray [Code = 89]

Reynolds [Code = 90]

Ripley [Code = 91]

St. Charles [Code = 92]

St. Clair [Code = 93]

Ste. Genevieve [Code = 94]

St. Francois [Code = 95]

St. Louis City [Code = 96]

St. Louis County [Code = 97]

Saline [Code = 98]

Schuyler [Code = 99]

Scotland [Code = 100]

Scott [Code = 101]

Shannon [Code = 102]

Shelby [Code = 103]

Stoddard [Code = 104]

Stone [Code = 105]

Sullivan [Code = 106]

Taney [Code = 107]

Texas [Code = 108]

Vernon [Code = 109]

Warren [Code = 110]

Washington [Code = 111]

Wayne [Code = 112]

Webster [Code = 113]

Worth [Code = 114]

Wright [Code = 115]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q12='Yes'

Q14 Are you an undergraduate or graduate student?

Undergraduate Student [Code = 1]

Graduate Student [Code = 2]

Other [Code = 3] [Textbox]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q15 Which of the following best applies to you?

Full-time student [Code = 1]

Part-time student (Go To End) [Code = 2]

Exclusively enrolled in web-based distance learning (Go To End) [Code = 3]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q16 How many years have you been in school?

1 [Code = 1]

2 [Code = 2]

3 [Code = 3]

4 [Code = 4]

5 or more [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q17 What device are you using to take this survey?

Laptop/desktop computer [Code = 1]

Tablet [Code = 2]

Cell phone [Code = 3]

Other [Code = 4] [Textbox]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q18 In which subject area is your major? (If you have a double major, you may select up to two)

Agriculture [Code = 1]

Business (e.g., Accounting, Marketing) [Code = 2]

Communication (e.g., Advertising, Mass Communication, Public Relations) [Code = 3]

Computer Science [Code = 4]

Divinity/Theology/Religious [Code = 5]

Economics [Code = 23]

Education [Code = 6]

English [Code = 7]

Engineering [Code = 8]

Foreign Language [Code = 9]

Health Sciences/Veterinary Science (e.g., Medicine, Nursing, Optometry, Pharmacy, Physical Therapy, Speech-Language Pathology) [Code = 10]

Human Development and Family Studies [Code = 11]

Interdisciplinary [Code = 12]

Journalism [Code = 13]

Liberal Arts/Humanities [Code = 14]

Mathematics [Code = 15]

Physical Sciences (e.g., Biology, Biochemistry, Chemistry, Physics) [Code = 16]

Social Sciences (e.g., Counseling, Criminal Justice, History, Political Science, Psychology, Social Work, Sociology) [Code = 17]

Technology [Code = 18]

Visual and Performing Arts (e.g., Art, Film, Fine Arts, Music, Photography, Theater, Voice) [Code = 19]

Undecided/do not have a major [Code = 20]

Other (please specify) [Code = 21] [Textbox]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 2

Next Page: Conditional

Page - 6

Q19 Please indicate your level of agreement with the following statements: I feel a sense of belonging to the campus community.

Strongly disagree [Code = 1]

Disagree [Code = 2]

Neither agree nor disagree [Code = 3]

Agree [Code = 4]

Strongly agree [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q20 Are you a transfer student?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Q21 Did you transfer from a two-year or four-year institution?

Transferring from a 2 year institution [Code = 2]

Transferring from a 4 year institution [Code = 4]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 1

Q20='Yes'

Q22 Have you thought about transferring from your current college/university in the past year?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q23 Have you thought of discontinuing your college/university education in the past year?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q24 If you could start college over again, would you go to the same institution you are now attending?

Definitely yes [Code = 4] [Numeric Value = 4]

Probably yes [Code = 3] [Numeric Value = 3]

Probably no [Code = 2] [Numeric Value = 2]

Definitely no [Code = 1] [Numeric Value = 1]

I prefer not to respond. [Code = 99] [Numeric Value = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Q25 What reasons have contributed to you considering leaving your current college/university? (Check all that apply)

Lack of friends/loneliness/homesick [Code = 1]

Couldn't find a job [Code = 3]

Don't have enough money to pay for school [Code = 4]

Difficulties keeping up with academic expectations [Code = 5]

Lack of entertainment ('things to do') in town [Code = 6]

My own alcohol use [Code = 7]

Others alcohol use [Code = 11]

Don't feel as if I belong on campus [Code = 9]

My major/area of interest is not offered [Code = 10]

Other (please specify) [Code = 11] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 11

Q22='Yes'

Q26 While attending classes, which of these living arrangements best apply to you?

On-campus housing (e.g., residence hall, apartment, house) [Code = 1]

Fraternity/sorority housing [Code = 2]

Off-campus housing without parents (e.g., a rented property, home ownership) [Code = 3]

Off-campus with parents [Code = 4]

Other (please specify) [Code = 5] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 9

Q27 Where is your residence located?

In a residence hall [Code = 1]

In an apartment [Code = 2]

In a house [Code = 3]

Other (please specify) [Code = 4] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q26='On-campus housing (e.g., residence hall, apartment, house)'

Q28 If you live in a social fraternity or sorority house, where is it located?

In a residence hall [Code = 1]

On campus, but not in a residence hall [Code = 2]

Off campus [Code = 3]

Other (please specify) [Code = 4] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q26='Fraternity/sorority housing'

Q29 Are you an international student?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 10

Q30 What is your relationship status?

Single [Code = 1]

Married/have a spouse and/or partner [Code = 2]

Involved in a long-term relationship [Code = 3]

Divorced or separated [Code = 4]

Widowed [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q31 Are you a parent?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q32 In which of these campus activities or organizations are you currently involved?: (Check all that apply)

Religious groups [Code = 1]

Honors/academic/professional clubs [Code = 2]

Service/volunteer groups [Code = 3]

Student government [Code = 4]

IFC Fraternity or Interfraternity Council Fraternity [Code = 5]

PHA Sorority or Panhellenic Association Sorority [Code = 6]

NPHC Fraternity/Sorority or National Pan-Hellenic Council Fraternity/Sorority [Code = 7]

Multicultural Fraternity/Sorority [Code = 8]

Intercollegiate/varsity athletics [Code = 9]

Intramurals/club sports [Code = 10]

Performance arts (music, theater, visual art) group [Code = 11]

Multicultural/LGBTQ [Code = 12]

Armed services/ROTC [Code = 13]

Political [Code = 14]

Residential Life (as an employee or volunteer) [Code = 15]

Other (please specify) [Code = 16] [Textbox]

I am not involved in any campus activity/organization. [Code = 88]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 18

Q33 Have you held a leadership position in any of these activities?

Yes, currently [Code = 1]

Yes, previously [Code = 4]

No [Code = 2]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q32='Religious groups' OR Q32='Honors/academic/professional clubs' OR Q32='Service/volunteer groups' OR Q32='Student government' OR Q32='IFC Fraternity or Interfraternity Council Fraternity' OR Q32='PHA Sorority or Panhellenic Association Sorority' OR Q32='Multicultural Fraternity/Sorority' OR Q32='Armed services/ROTC' OR Q32='Political' OR Q32='Residential Life (as an employee or volunteer)' OR Q32='Other (please specify)' OR Q32='NPHC Fraternity/Sorority or National Pan-Hellenic Council Fraternity/Sorority' OR Q32='Intramurals/club sports' OR Q32='Intercollegiate/varsity athletics'

Q34 In which activities or organizations do/did you have a leadership position? (Check all that apply)

Religious groups [Code = 1]

Honors/academic/professional clubs [Code = 2]

Service/volunteer groups [Code = 3]

Student government [Code = 4]

IFC Fraternity or Interfraternity Council Fraternity [Code = 5]

PHA Sorority or Panhellenic Association Sorority [Code = 6]

NPHC Fraternity/Sorority or National Pan-Hellenic Council Fraternity/Sorority [Code = 7]

Multicultural Fraternity/Sorority [Code = 8]

Intercollegiate/varsity athletics [Code = 9]

Intramurals/club sports [Code = 10]

Performance arts (music, theater, visual art) group [Code = 11]

Multicultural/LGBTQ [Code = 12]

Armed services/ROTC [Code = 13]

Political [Code = 14]

Residential Life (as an employee or volunteer) [Code = 15]

Other (please specify) [Code = 16] [Textbox]

I am not involved in any campus activity/organization. [Code = 88]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 18

Q33='Yes, currently' OR Q33='Yes, previously'

Q35 Are you currently or have you been a member of the United States Armed Services?

Yes, currently [Code = 1]

Yes, previously [Code = 2]

No [Code = 0]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 1

Page - 13

Q36 If you are a member or veteran of the U.S. Armed Services, do you have a service connected disability rating of more than 30%?

Yes [Code = 1]

No [Code = 0]

I don't have a disability. [Code = 3]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 1

Q35='Yes, currently' OR Q35='Yes, previously'

Next Page: Sequential

Page - 14

Q37 What is your height in feet and inches?Feet:

2 feet [Code = 1]

3 feet [Code = 2]

4 feet [Code = 3]

5 feet [Code = 4]

6 feet [Code = 5]

7 feet [Code = 6]

8 feet [Code = 7]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q38 Inches:

0 inches [Code = 1]

1 inch [Code = 2]

2 inches [Code = 3]

3 inches [Code = 4]

4 inches [Code = 5]

5 inches [Code = 6]

6 inches [Code = 7]

7 inches [Code = 8]

8 inches [Code = 9]

9 inches [Code = 10]

10 inches [Code = 11]

11 inches [Code = 12]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q39 What is your weight in pounds?

Please enter a whole number: [Code = 1] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 15

Q40 Does your campus have an alcohol and drug prevention program?

Yes [Code = 1]

No [Code = 0]

Unsure [Code = 4]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 1

Q41 Do you believe that your campus is concerned about the prevention of alcohol and drug use?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 1

Q42 Do you believe that your campus alcohol policies are consistently enforced?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 1

Q43 To what extent do you believe alcohol policy is enforced on-campus?

To a very great extent [Code = 5] [Numeric Value = 5]

To a great extent [Code = 4] [Numeric Value = 4]

To a moderate extent [Code = 3] [Numeric Value = 3]

To some extent [Code = 2] [Numeric Value = 2]

To little or no extent [Code = 1] [Numeric Value = 1]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q44 To what extent do you believe alcohol policy is enforced off-campus?

To a very great extent [Code = 6] [Numeric Value = 6]

To a great extent [Code = 5] [Numeric Value = 5]

To a moderate extent [Code = 4] [Numeric Value = 4]

To some extent [Code = 3] [Numeric Value = 3]

To little or no extent [Code = 2] [Numeric Value = 2]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q45 Does your campus have a sexual violence policy?

Yes [Code = 1]

No [Code = 0]

Unsure [Code = 2]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q46 Do you believe that your campus is concerned about sexual violence?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond [Code = 99]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 16

The following questions ask about alcohol use and related behaviors.

Required answers: 0 Allowed answers: 0

Q47 How old were you when you first started drinking alcohol?

12 or younger [Code = 12]

13 [Code = 13]

14 [Code = 14]

15 [Code = 15]

16 [Code = 16]

17 [Code = 17]

18 [Code = 18]

19 [Code = 19]

20 [Code = 20]

21 [Code = 21]

22 [Code = 22]

23 [Code = 23]

24 or older [Code = 24]

Never used alcohol (Go To Page 18) [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Conditional

Page - 17

Q48 Have you consumed alcohol in the past year?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

NOT Q47='Never used alcohol'

Q49 Do you identify as someone that is sober and in recovery from alcohol or other drug addiction?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 18

Q50 How do you define "in recovery" for yourself?

[Code = 1] [Textbox]

Required answers: 0 Allowed answers: 1

Q49='Yes'

Q51 Which recovery format best suits your situation?

12 Step Program [Code = 1]

Treatment based [Code = 2]

Moderation management [Code = 3]

Other [Code = 4] [Textbox]

I prefer not to respond [Code = 99]

Required answers: 1 Allowed answers: 1

Q49='Yes'

Next Page: Sequential

Page - 19

Q52 How would you define Moderation Management?

Attending official Moderation Management meeting or counseling [Code = 1]

Self-directed practice using Moderation Management literature or approaches [Code = 2]

Attend a support group alternative to traditional 12-step meetings [Code = 3]

A conscious choice to limit alcohol consumption [Code = 4]

Only drinking on certain nights of the week [Code = 5]

Limiting the kind of alcohol I consume (i.e., Only beer, only wine, etc.) [Code = 6]

Other (Please specify) [Code = 7] [Textbox]

Required answers: 1 Allowed answers: 7

Q51='Moderation management'

Q53 Does your campus have a campus recovery program, organization or center? (A collegiate recovery program (CRP) is a supportive environment within the campus culture that reinforces the decision to disengage from addictive behavior. It is designed to provide an educational opportunity alongside recovery support to ensure that students do not have to sacrifice one for the other.)

Yes [Code = 1]

No [Code = 0]

Unsure [Code = 2] [N/A]

Required answers: 1 Allowed answers: 1

Q49='Yes'

Next Page: Sequential

Page - 20

Q54 Have you participated in or with your campus recovery program, organization or center?

Yes [Code = 1]

No [Code = 0]

Unsure [Code = 2] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q53='Yes'

Next Page: Sequential

Page - 21

Q55 Which of the following are reasons you choose not to drink alcohol? (Check all that apply)

In recovery from alcohol or other drug addiction [Code = 1]

My friends don't drink [Code = 2]

So I don't have to worry about any negative consequences [Code = 3]

Alcohol costs too much [Code = 4]

It's hard to access alcohol [Code = 5]

I don't like the taste [Code = 6]

I don't like how it feels [Code = 7]

I have too many personal responsibilities. [Code = 8]

I have too many academic responsibilities [Code = 9]

Personal beliefs/values [Code = 10]

I don't want to do something I later regret [Code = 11]

To be the designated driver [Code = 12]

Because drinking is against the law/policy (e.g., I am younger than 21, I live in a residence hall) [Code = 13]

I have a personal or family history with alcohol [Code = 14]

I have health concerns or a current medical condition [Code = 15]

Religious/moral [Code = 16]

Other (please specify) [Code = 17] [Textbox]

Prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 18

Q48='No'

Next Page: Sequential

Q56 Please indicate the number of days you drank in the past two weeks:

I did not drink in the last two weeks. [Code = 15]

1 [Code = 1]

2 [Code = 2]

3 [Code = 3]

4 [Code = 4]

5 [Code = 5]

6 [Code = 6]

7 [Code = 7]

8 [Code = 8]

9 [Code = 9]

10 [Code = 10]

11 [Code = 11]

12 [Code = 12]

13 [Code = 13]

14 [Code = 14]

I prefer not to respond. [Code = 16]

Required answers: 1 Allowed answers: 1

Q57 Please indicate the number of days you drank in the past 30 days:

I did not drink in the last 30 days. [Code = 1]

1 [Code = 2]

2 [Code = 3]

3 [Code = 4]

4 [Code = 5]

5 [Code = 6]

6 [Code = 7]

7 [Code = 8]

8 [Code = 9]

9 [Code = 10]

10 [Code = 11]

11 [Code = 12]

12 [Code = 13]

13 [Code = 15]

14 [Code = 16]

15 [Code = 17]

16 [Code = 18]

17 [Code = 19]

18 [Code = 20]

19 [Code = 21]

20+ [Code = 22]

I prefer not to respond. [Code = 22]

Required answers: 1 Allowed answers: 1

Q58 On which nights of the week do you typically consume alcohol? For each night you typically drink, please note the number of alcoholic drinks (One drink is equal to 1 beer, 5 oz. of wine, or a 1.5 oz. of liquor) that you consume:

Monday: [Code = 1] [Textbox - Numeric]

Tuesday: [Code = 2] [Textbox - Numeric]

Wednesday: [Code = 3] [Textbox - Numeric]

Thursday: [Code = 4] [Textbox - Numeric]

Friday: [Code = 5] [Textbox - Numeric]

Saturday: [Code = 6] [Textbox - Numeric]

Sunday: [Code = 7] [Textbox - Numeric]

Required answers: 0 Allowed answers: 7

Q59 Think over the past two weeks. How many times have you had 5 or more drinks within a 2 hour period? (One drink is equal to 1 beer, 5 oz. of wine, or a 1.5 oz. of liquor)

0 [Code = 1]

1 [Code = 2]

2 [Code = 3]

3 [Code = 4]

4 [Code = 5]

5 [Code = 6]

6 [Code = 7]

7 [Code = 8]

8 [Code = 9]

9 [Code = 10]

10 [Code = 11]

More than 10 [Code = 12]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q60 Think over the past two weeks. How many times have you had 5 or more drinks at a sitting? (One drink is equal to 1 beer, 5 oz. of wine, or a 1.5 oz. of liquor)

0 [Code = 1]

1 [Code = 2]

2 [Code = 3]

3 [Code = 4]

4 [Code = 5]

5 [Code = 6]

6 [Code = 7]

7 [Code = 8]

8 [Code = 9]

9 [Code = 10]

10 [Code = 11]

More than 10 [Code = 12]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q61 Think over the past 30 days. How many times have you had 5 or more drinks within a 2 hour period? (One drink is equal to 1 beer, 5 oz. of wine, or a 1.5 oz. of liquor)

1 [Code = 1]

2 [Code = 2]

3 [Code = 3]

4 [Code = 4]

5 [Code = 5]

6 [Code = 6]

7 [Code = 7]

8 [Code = 8]

9 [Code = 9]

10 [Code = 10]

11 [Code = 11]

12 [Code = 12]

13 [Code = 13]

14 [Code = 14]

15 [Code = 15]

16 [Code = 16]

17 [Code = 17]

18 [Code = 18]

19 [Code = 19]

20+ [Code = 20]

I prefer not to respond. [Code = 21]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Q62 Think about the last time you drank. How many drinks did you consume? (1 beer is equal to 5 oz. of wine and 1.5 oz. of liquor)

1 [Code = 1]

2 [Code = 2]

3 [Code = 3]

4 [Code = 4]

5 [Code = 5]

6 [Code = 6]

7 [Code = 7]

8 [Code = 8]

9 [Code = 9]

10 [Code = 10]

11 [Code = 11]

12 [Code = 12]

13 [Code = 13]

14 [Code = 14]

15+ [Code = 15]

I prefer not to respond. [Code = 16]

Required answers: 1 Allowed answers: 1

Q63 Over how many hours did your drinking occur the last time you drank?

Please enter a whole number: [Code = 1] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q64 Where do you typically consume alcohol? (Check all that apply)

Bars/restaurants [Code = 1]

Social gathering or friend's house (off-campus) [Code = 2]

Fraternity or sorority house [Code = 3]

Fraternity or sorority community in a residence hall [Code = 4]

Residence hall [Code = 5]

Sporting events [Code = 6]

Where I live [Code = 7]

Other (please specify) [Code = 8] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 9

Q65 If you pre-party/pre-game (i.e., drink somewhere before you go out or before an event starts), where do you typically do so? (Check all that apply)

I do not pre-party. [Code = 0]

Bar/restaurant [Code = 1]

Social gathering or friend's house [Code = 2]

Fraternity or sorority house [Code = 3]

Fraternity or sorority community in a residence hall [Code = 4]

Residence hall [Code = 5]

Sporting events (including tailgating) [Code = 6]

Parking lot [Code = 7]

In transit (e.g., driving, walking, etc., to a location) [Code = 8]

Where I live [Code = 9]

Other (please specify) [Code = 10] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 12

Q66 Think back to the last time you consumed the most alcohol . . . where did you consume the majority of your drinks?

Bars/restaurants [Code = 1]

Social gathering or friend's house (off-campus) [Code = 2]

Fraternity or sorority house [Code = 3]

Fraternity or sorority community in a residence hall [Code = 4]

Residence hall [Code = 5]

Sporting events [Code = 6]

Where I live [Code = 7]

Other (please specify) [Code = 8] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q67 How do you obtain your alcohol? (Check all that apply)

I have a friend who is over 21 buy for me. [Code = 1]

I use a fake or manufactured ID. [Code = 2]

I borrow or regularly use someone else's real ID. [Code = 3]

Family members buy alcohol for me. [Code = 4]

I know people who work in bars/restaurants who will serve me. [Code = 5]

I go to a place where IDs aren't checked. [Code = 6]

I know people who work in convenience/grocery stores who will sell to me. [Code = 7]

From a fraternity or sorority [Code = 8]

Other (please specify) [Code = 9] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 10

Q2='18' OR Q2='19' OR Q2='20'

Next Page: Sequential

Q68 How often in the past year have you been denied access while using your fake/borrowed ID?

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Often [Code = 4] [Numeric Value = 4]

Always [Code = 5] [Numeric Value = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q67='I use a fake or manufactured ID.' OR Q67='I borrow or regularly use someone else's real ID.'

Next Page: Sequential

Page - 25

Q48='Yes'

Q69 When you drink, which of the following are contributing factors to your decision to drink alcohol? (Check all that apply)

To relax [Code = 1]

To have fun with friends. [Code = 2]

To get drunk [Code = 3]

Because my friends are drinking. [Code = 4]

There won't be any negative consequences. [Code = 5]

I have nothing better to do. [Code = 6]

I like the taste. [Code = 7]

I like how it feels. [Code = 8]

To escape/so I can forget my problems. [Code = 9]

It doesn't negatively affect my academics. [Code = 10]

So I can lose my inhibitions. [Code = 11]

I can handle any consequences related to my drinking. [Code = 12]

Alcohol is always readily available. [Code = 14]

It increases my chances of hooking up with someone [Code = 15]

Other (please specify) [Code = 16] [Textbox]

I don't drink. [Code = 17]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 17

Q70 Which of the following motivated you to drink less or not to drink alcohol at all on one or more occasions? (Check all that apply)

High cost of drinks/alcohol [Code = 1]

Strict enforcement of alcohol laws [Code = 2]

Academic obligations the following day [Code = 3]

Chance of getting sick or having a hangover [Code = 4]

Possibility of getting caught by authorities [Code = 5]

My friends' drinking habits [Code = 6]

Potential of doing something I will regret later [Code = 7]

Being a designated driver [Code = 8]

My parents might find out [Code = 9]

My behavior when I am drunk [Code = 10]

Religious/moral reasons [Code = 11]

Alcoholism [Code = 12]

Health/calories [Code = 13]

Don't like the taste [Code = 14]

Family obligations [Code = 15]

Not in the mood [Code = 16]

No interest in alcohol [Code = 17]

Other (please specify) [Code = 18] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 19

Q71 In the past year, how often have you done the following at parties or social gatherings where alcohol was available? Determined not to exceed a set number of drinks

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q72 In the past year, how often have you done the following at parties or social gatherings where alcohol was available? Alternated alcoholic and non-alcoholic drinks

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q73 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Had a friend let you know when you have had enough to drink

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q74 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Avoided drinking games

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q75 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Left the bar/party at a predetermined time

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q76 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Made sure that you went home with a friend

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q77 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Known where your drink has been at all times

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q78 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Drank shots of liquor

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q79 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Stopped drinking at a predetermined time

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q80 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Drank water while drinking alcohol

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q81 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Put extra ice in your drink

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q82 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Avoided mixing different types of alcohol

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q83 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Drank slowly, rather than gulping or chugging

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q84 In the past year, how often have you done the following at parties or social gatherings where alcohol was available?Avoided trying to "keep up" or "out-drink" others

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q85 In the past year, how often have you done the following at parties or social gatherings where alcohol was available? Purposefully limited the amount of money I spent on alcohol

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q86 In the past year, how often have you done the following at parties or social gatherings where alcohol was available? Eaten before and/or during alcohol consumption

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q87 In the past year, how often have you done the following at parties or social gatherings where alcohol was available? Received free, non-alcoholic drinks (e.g., soft drinks) at a bar/restaurant for being a designated sober driver

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q88 In the past year, how often have you done the following at parties or social gatherings where alcohol was available? Had at least one person in your group who was sober (had no drinks)

Never [Code = 1] [Numeric Value = 1]

Rarely [Code = 2] [Numeric Value = 2]

Occasionally [Code = 3] [Numeric Value = 3]

Sometimes [Code = 4] [Numeric Value = 4]

Usually [Code = 5] [Numeric Value = 5]

Always [Code = 6] [Numeric Value = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q89 Which of these activities have you done or attempted during the past academic year? (Check all that apply)

21 birthday shots [Code = 1]

Beer bong and/or keg stand [Code = 2]

Drinking games [Code = 3]

Drink specials [Code = 4]

None of the above [Code = 5]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 6

Q90 How often in the past year have you experienced the following as a result of alcohol consumption? Had a hangover

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q91 How often in the past year have you experienced the following as a result of alcohol consumption? Been in trouble with campus administrators

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q92 How often in the past year have you experienced the following as a result of alcohol consumption? Been arrested by campus police or other law enforcement

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q93 How often in the past year have you experienced the following as a result of alcohol consumption? Been hurt or injured

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q94 How often in the past year have you experienced the following as a result of alcohol consumption? Received medical attention

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q95 How often in the past year have you experienced the following as a result of alcohol consumption? Driven after consuming any alcohol

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q96 How often in the past year have you experienced the following as a result of alcohol consumption? Been arrested for DUI/DWI

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q97 How often in the past year have you experienced the following as a result of alcohol consumption?Vomited

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q98 How often in the past year have you experienced the following as a result of alcohol consumption?Were taken advantage of sexually

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q99 How often in the past year have you experienced the following as a result of alcohol consumption?Took advantage of someone sexually

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q100 How often in the past year have you experienced the following as a result of alcohol consumption?Rode with someone who drove after drinking

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q101 How often in the past year have you experienced the following as a result of alcohol consumption?Engaged in risky sexual behavior

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q102 How often in the past year have you experienced the following as a result of alcohol consumption?Been forced, pressured or coerced into drinking more alcohol than you wanted

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q103 How often in the past year have you experienced the following as a result of alcohol consumption?Performed poorly on a test or assignment

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q104 How often in the past year have you experienced the following as a result of alcohol consumption?Missed class

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q105 How often in the past year have you experienced the following as a result of alcohol consumption? Experienced a "blackout"/memory loss

0 times [Code = 0]

1 time [Code = 1]

2 times [Code = 2]

3-5 times [Code = 3]

6-9 times [Code = 6]

10 or more times [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q106 Some of the symptoms of alcohol poisoning are consuming alcohol until you: were unconscious and could not be awakened; vomited in your sleep; had cold, clammy or bluish skin; or had a breathing rate of less than 8 - 9 breaths per minute. Considering these symptoms, how often have you experienced alcohol poisoning in the last year?

0 times [Code = 1]

1 time [Code = 2]

2 times [Code = 3]

3 - 5 times [Code = 4]

More than 5 times [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 26

Q107 Which of the following occurred to you as a result of experiencing alcohol poisoning? (Check all that apply)

I do not remember. [Code = 1]

I was left alone. [Code = 2]

I vomited in my sleep. [Code = 3]

No one helped me. [Code = 4]

Friends let me sleep it off. [Code = 5]

I was taken for medical attention. [Code = 6]

Someone stayed with me to make sure I was okay. [Code = 7]

Other (please specify) [Code = 8] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 9

Q106='1 time' OR Q106='2 times' OR Q106='3 - 5 times' OR Q106='More than 5 times'

Q108 What would you do if you were in the presence of a student whom you suspected had alcohol poisoning?

I would call 911. [Code = 1]

I would take them to the hospital myself. [Code = 2]

I would not do anything because I would be afraid that I would get in trouble with campus officials, or police. [Code = 3]

I would not do anything because I would not feel comfortable getting involved. [Code = 4]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q109 How do you define the designated driver?

Someone who has not had any alcoholic beverages [Code = 1]

Someone who has had a couple of alcoholic beverages, but a few hours have elapsed so he/she is sober enough to drive [Code = 2]

Someone who has many alcoholic beverages but is the least drunk person in the group [Code = 3]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 1

Q48='Yes'

Q110 In the last academic year, have you used a designated driver (defined as someone who had no alcoholic drinks) when you drank and needed a ride home?

Yes - always (100% of the times) [Code = 1]

Yes - almost always (75% - 99% of the times) [Code = 2]

Yes - more than half of the time I drank (51% - 74% of the times) [Code = 3]

Yes - about half of the time I drank (50% of the times) [Code = 4]

Yes - less than half of the time I drank (25% - 49% of the times) [Code = 5]

Yes - but almost never (1% - 24% of the times) [Code = 6]

No, I have never needed a DD because I walked. [Code = 7]

No, I have never needed a DD because I just stayed where I was drinking [Code = 8]

No, I don't use a DD [Code = 9]

I prefer not to respond. [Code = 99]

Required answers: 0 Allowed answers: 1

Next Page: Sequential

Page - 27

Q111 Who was your designated driver? (Check all that apply)

A taxi service [Code = 1]

Uber, Lyft, etc. [Code = 6]

Friend, family, or acquaintance [Code = 2]

Fraternity or sorority designated driver [Code = 3]

Other University DD program [Code = 4]

I prefer not to respond. [Code = 99]

Required answers: 1 Allowed answers: 6

Q110='Yes - always (100% of the times)' OR Q110='Yes - almost always (75% - 99% of the times)' OR Q110='Yes - more than half of the time I drank (51% - 74% of the times)' OR Q110='Yes - about half of the time I drank (50% of the times)' OR Q110='Yes - less than half of the time I drank (25% - 49% of the times)' OR Q110='Yes - but almost never (1% - 24% of the times)'

Q112 Have you heard of the CHEERS program (in which designated drivers receive free non-alcoholic drinks from participating bars/restaurants)?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 28

Q113 In the past year, how often have you used the CHEERS program?

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q112='Yes'

Q114 In the past year, how often have you been a designated driver?

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Q115 In the past year, which of the following have you experienced as a result of another person's alcohol use? (Check all that apply)

Took care of someone who drank too much (e.g., cleaning up after the person, monitoring the person) [Code = 1]

Had your sleep interrupted [Code = 3]

Had your studying interrupted [Code = 4]

Were prevented from enjoying events (concerts, sports, social activities) [Code = 5]

Had a verbal argument [Code = 7]

Felt unsafe [Code = 12]

Had your personal property or residence damaged [Code = 11]

Been pushed, hit, or assaulted [Code = 8]

Were harassed about sexual orientation, race/ethnicity, religion, or gender by an intoxicated person [Code = 6]

Been threatened with physical violence [Code = 9]

Was taken advantage of sexually [Code = 10]

Took someone for emergency medical care [Code = 2]

None of the above [Code = 13]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 14

How often do you think the students in each category on your campus consume alcohol? Provide your best guess:

Q116 Yourself

Do not use alcohol. [Code = 1]

1-6 times/year [Code = 2]

1-2 times/month [Code = 3]

1-2 times/week [Code = 4]

3 or more times/week [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q117 Your friends

Do not use alcohol. [Code = 1]

1-6 times/year [Code = 2]

1-2 times/month [Code = 3]

1-2 times/week [Code = 4]

3 or more times/week [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q118 Typical student

Do not use alcohol. [Code = 1]

1-6 times/year [Code = 2]

1-2 times/month [Code = 3]

1-2 times/week [Code = 4]

3 or more times/week [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q119 Student-athletes

Do not use alcohol. [Code = 1]

1-6 times/year [Code = 2]

1-2 times/month [Code = 3]

1-2 times/week [Code = 4]

3 or more times/week [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q120 Fraternity or sorority members

Do not use alcohol. [Code = 1]

1-6 times/year [Code = 2]

1-2 times/month [Code = 3]

1-2 times/week [Code = 4]

3 or more times/week [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q121 Student leaders

Do not use alcohol. [Code = 1]

1-6 times/year [Code = 2]

1-2 times/month [Code = 3]

1-2 times/week [Code = 4]

3 or more times/week [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q122 On a typical night of drinking alcohol, how much do you think the student in each category on your campus consumes? Please provide your best guess: (One drink is equal to 1 beer, 5 oz. of wine, OR 1.5 oz. of liquor; please enter a whole number)

Yourself: [Code = 1] [Textbox]

Your friends: [Code = 2] [Textbox]

Typical student: [Code = 3] [Textbox]

Student-athletes: [Code = 4] [Textbox]

Fraternity or sorority members: [Code = 5] [Textbox]

Student leaders: [Code = 6] [Textbox]

Required answers: 1 Allowed answers: 6

Q123 Which statement below about drinking alcoholic beverages do you think best represents your own attitude?

Drinking is never a good thing to do. [Code = 1]

Drinking is all right, but a person should not get drunk. [Code = 2]

Occasionally getting drunk is okay as long as it doesn't interfere with academics or other responsibilities. [Code = 3]

Occasionally getting drunk is okay even if it does interfere with academics or responsibilities. [Code = 4]

Frequently getting drunk is okay if that's what the individual wants to do. [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q124 Which statement below about drinking alcoholic beverages do you think best represents the most common attitude among students on your campus?

Drinking is never a good thing to do. [Code = 1]

Drinking is all right, but a person should not get drunk. [Code = 2]

Occasionally getting drunk is okay as long as it doesn't interfere with academics or other responsibilities. [Code = 3]

Occasionally getting drunk is okay even if it does interfere with academics or responsibilities. [Code = 4]

Frequently getting drunk is okay if that's what the individual wants to do. [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q125 What do you think your campus administration's attitude is about alcohol?

Drinking is never a good thing to do. [Code = 1]

Drinking is all right, but a person should not get drunk. [Code = 2]

Occasionally getting drunk is okay as long as it doesn't interfere with academics or other responsibilities. [Code = 3]

Occasionally getting drunk is okay even if it does interfere with academics or responsibilities. [Code = 4]

Frequently getting drunk is okay if that's what the individual wants to do. [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q126 Which of the following best fits your intentions to change the way you drink alcohol?

I am currently trying to drink in a healthier/safer way. [Code = 1]

I am ready to try drinking in a healthier/safer way. [Code = 2]

I am thinking about drinking in a healthier/safer way. [Code = 3]

I see no need to change the way I drink alcohol. [Code = 4]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q48='Yes'

Next Page: Sequential

The following questions ask about drug use and related behaviors.

Required answers: 0 Allowed answers: 0

Q127 In the past year, which of the following prescription drugs have you used without a doctor's prescription for your use? (Check all that apply)

Stimulants (e.g., Dexedrine, Adderall, Ritalin, Concerta) [Code = 1]

Pain medication/Opiates (e.g., Vicodin, OxyContin, Tylenol 3 with Codeine, Demerol, Morphine) [Code = 2]

Sedatives (e.g., Barbiturates, Librium, Ativan, Klonopin) [Code = 3]

Sleeping medication (e.g., Ambien, Halcion, Restoril) [Code = 4]

Benzodiazepines (e.g., Xanax, Klonopin, Valium) [Code = 8]

Other (please specify) [Code = 5] [Textbox]

I have not used any of these without a doctor's prescription. [Code = 6] [N/A]

I prefer not to respond. (Go To Page 32) [Code = 99] [N/A]

Required answers: 1 Allowed answers: 8

Next Page: Conditional

How often have you used the prescription drug(s) without a doctor's prescription?

Q128 Stimulants (e.g., Dexedrine, Adderall, Ritalin, Concerta)

1-6 times/year [Code = 1]

1-2 times/month [Code = 2]

1-2 times/week [Code = 3]

3 or more times/week [Code = 4]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 1

Q129 Pain medication/Opiates (e.g., Vicodin, OxyContin, Tylenol 3 w/ Codeine, Demerol, Morphine)

1-6 times/year [Code = 1]

1-2 times/month [Code = 2]

1-2 times/week [Code = 3]

3 or more times/week [Code = 4]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 1

Q130 Sedatives (e.g., Barbiturates, Librium, Ativan, Klonopin)

1-6 times/year [Code = 1]

1-2 times/month [Code = 2]

1-2 times/week [Code = 3]

3 or more times/week [Code = 4]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 1

Q131 Sleeping medication (e.g., Ambien, Halcion, Restoril)

1-6 times/year [Code = 1]

1-2 times/month [Code = 2]

1-2 times/week [Code = 3]

3 or more times/week [Code = 4]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 1

Q132 Benzodiazepines (e.g., Xanax, Klonopin, Valium)

1-6 times/year [Code = 1]

1-2 times/month [Code = 2]

1-2 times/week [Code = 3]

3 or more times/week [Code = 4]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 1

Q133 Other

1-6 times/year [Code = 1]

1-2 times/month [Code = 2]

1-2 times/week [Code = 3]

3 or more times/week [Code = 4]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 1

NOT Q127='I have not used any of these without a doctor's prescription.' OR NOT Q127='I prefer not to respond.'

Q134 In the past year, how often have you mixed alcohol with any prescription drugs used in a manner other than prescribed?

0 times [Code = 1]

1 time [Code = 2]

2 times [Code = 3]

3-5 times [Code = 4]

More than 5 times [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q135 How often in the past year have you driven after using prescription drugs?

0 times [Code = 1]

1 time [Code = 2]

2 times [Code = 3]

3-5 times [Code = 4]

More than 5 times [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

Q136 How do you obtain your prescription drugs without a doctor's prescription? (Check all that apply)

I purchase them from other people [Code = 1]

I steal them [Code = 2]

I was given them [Code = 3]

Other [Code = 4]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 5

Q137 From whom do you access your prescription drugs without a doctors prescription? (Check all that apply)

Family [Code = 1]

Friends [Code = 2]

Floor mates/roommates [Code = 3]

Strangers [Code = 4]

Other (Please Specify) [Code = 6] [Textbox]

I prefer not to respond. [Code = 5]

Required answers: 1 Allowed answers: 6

Q138 How easy do you think it is for the typical student to obtain prescription drugs without a doctors prescription?

Very easy [Code = 1]

Fairly easy [Code = 2]

Somewhat [Code = 3]

Difficult [Code = 4]

Very difficult [Code = 5]

I prefer not to respond. [Code = 6]

Required answers: 1 Allowed answers: 1

For any of the drugs you used without a doctor's prescription, to what extent have you experienced the following?

Q139 Academic problems (missed class, did poorly on exam, etc.)

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q140 Strained relationships with family or friends

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q141 Poor physical health

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q142 Lowered psychological well-being

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q143 Legal troubles

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q144 Financial problems

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q145 Reduced pain

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q146 Improved academic performance

To a great extent [Code = 4] [Numeric Value = 4]

Quite a bit [Code = 3] [Numeric Value = 3]

Somewhat [Code = 2] [Numeric Value = 2]

Very little [Code = 1] [Numeric Value = 1]

None at all [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q127='Stimulants (e.g., Dexedrine, Adderall, Ritalin, Concerta)' OR Q127='Pain medication/Opiates (e.g., Vicodin, OxyContin, Tylenol 3 with Codeine, Demerol, Morphine)' OR Q127='Sedatives (e.g., Barbiturates, Librium, Ativan, Klonopin)' OR Q127='Sleeping medication (e.g., Ambien, Halcion, Restoril)' OR Q127='Benzodiazepines (e.g., Xanax, Klonopin, Valium)' OR Q127='Other (please specify)'

Next Page: Sequential

Please indicate your level of agreement with the following statement:

Required answers: 0 Allowed answers: 0

Q147 Using prescription drugs without a prescription, or using prescription drugs other than as directed, is safer than using illegal drugs.

Strongly disagree, illegal drugs are safer. [Code = 1]

Disagree, they are equally dangerous. [Code = 2]

Agree, prescription drugs without a prescription are safer. [Code = 3]

Not applicable/I prefer not to respond. [Code = 4]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Q148 In the past year, how often have you used the following drug(s)?Marijuana

I did not use. [Code = 0] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q149 Marijuana Derivative (i.e., Wax/Dabs/Oils/Shatter)

I did not use. [Code = 1]

1-6 times/year. [Code = 2]

1-2 times/month. [Code = 3]

1-2 times/week [Code = 4]

3 or more times/week [Code = 5]

Daily [Code = 6]

I prefer not to respond. [Code = 7]

Required answers: 1 Allowed answers: 1

Q150 How often do you think the typical student on your campus uses marijuana?

Never [Code = 1]

1 - 6 times/year [Code = 2]

1 - 2 times/month [Code = 3]

1 - 2 times/week [Code = 4]

3 or more times/week [Code = 5]

Daily [Code = 6]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Q151 How often in the past year have you driven after using marijuana or synthetic marijuana (K2, Spice, Fake, etc.)?

0 times [Code = 1]

1 time [Code = 2]

2 times [Code = 3]

3 - 5 times [Code = 4]

More than 5 times [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q148='1 - 6 times/year' OR Q148='1 - 2 times/month' OR Q148='1 - 2 times/month' OR Q148='3 or more times/week' OR Q148='Daily'

Q152 Where have you used marijuana in the past year? (Check all that apply)

Residence hall [Code = 1]

Your apartment/house [Code = 2]

Greek house [Code = 3]

Athletic events [Code = 4]

Concerts [Code = 5]

Bars [Code = 6]

Parties [Code = 7]

Social gathering or friend's house (off-campus) [Code = 8]

Outdoors [Code = 9]

In a car [Code = 10]

Other (please specify) [Code = 11] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 12

Q148='1 - 6 times/year' OR Q148='1 - 2 times/month' OR Q148='1 - 2 times/week' OR Q148='3 or more times/week' OR Q148='Daily'

Next Page: Sequential

Page - 35

Q153 When you used marijuana in a car, what is usually the status of the car?

Parked on campus [Code = 1]

Parked off campus [Code = 2]

Being driven [Code = 3]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q152='In a car'

Q154 Which of the following best fits your intentions to change the way you use marijuana?

I am currently trying to use marijuana less often and/or quit. [Code = 1]

I am ready to try to use marijuana less frequently and/or quit. [Code = 2]

I am thinking about using marijuana less and/or quit. [Code = 3]

I see no need to change my marijuana use. [Code = 4]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q148='1 - 6 times/year' OR Q148='1 - 2 times/month' OR Q148='1 - 2 times/week' OR Q148='3 or more times/week' OR Q148='Daily'

In the past year, how often have you used the following drug(s)?

Q155 K2/Synthetic Marijuana

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q156 Cocaine

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q157 Amphetamines

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q158 Methamphetamines

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q159 Inhalants

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q160 Club drugs (ecstasy, MDMA)

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q161 Hallucinogens (mushrooms, LSD, PCP)

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q162 Heroin

I did not use. [Code = 88] [N/A]

1 - 6 times/year [Code = 1]

1 - 2 times/month [Code = 2]

1 - 2 times/week [Code = 3]

3 or more times/week [Code = 4]

Daily [Code = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

The following questions ask about using tobacco products.

Required answers: 0 Allowed answers: 0

Q163 Which of the following tobacco products have you used in the past year? (Check all that apply)

I do not use any tobacco products. [Code = 8]

Cigarettes [Code = 1]

Cigars [Code = 2]

Smokeless tobacco (e.g., chewing, spit, dip) [Code = 3]

Tobacco pipes [Code = 4]

Hookah [Code = 5]

E-cigarettes [Code = 6]

Other (please specify) [Code = 7] [Textbox]

I prefer not to respond. (Go To Page 37) [Code = 9] [N/A]

Required answers: 1 Allowed answers: 9

How often do you use the following tobacco products?

Q164 Cigarettes

A few times per year [Code = 1]

1-3 times per month [Code = 2]

1-2 times per week [Code = 3]

3-6 times per week [Code = 4]

Everyday [Code = 5]

I prefer not to respond [Code = 6]

Required answers: 1 Allowed answers: 1

Q165 Cigars

A few times per year [Code = 1]

1-3 times per month [Code = 2]

1-2 times per week [Code = 3]

3-6 times per week [Code = 4]

Everyday [Code = 5]

I prefer not to respond [Code = 6]

Required answers: 1 Allowed answers: 1

Q166 Smokeless tobacco

A few times per year [Code = 1]

1-3 times per month [Code = 2]

1-2 times per week [Code = 3]

3-6 times per week [Code = 4]

Everyday [Code = 5]

I prefer not to respond [Code = 6]

Required answers: 1 Allowed answers: 1

Q167 Tobacco pipes

A few times per year [Code = 1]

1-3 times per month [Code = 2]

1-2 times per week [Code = 3]

3-6 times per week [Code = 4]

Everyday [Code = 5]

I prefer not to respond [Code = 6]

Required answers: 1 Allowed answers: 1

Q168 Hookah

A few times per year [Code = 1]

1-3 times per month [Code = 2]

1-2 times per week [Code = 3]

3-6 times per week [Code = 4]

Everyday [Code = 5]

I prefer not to respond [Code = 6]

Required answers: 1 Allowed answers: 1

Q169 E-cigarettes

A few times per year [Code = 1]

1-3 times per month [Code = 2]

1-2 times per week [Code = 3]

3-6 times per week [Code = 4]

Everyday [Code = 5]

I prefer not to respond [Code = 6]

Required answers: 1 Allowed answers: 1

Q170 Which of the following best fits your intentions to change the way you use tobacco?

I am currently trying to smoke less often and/or quit. [Code = 1]

I am ready to try smoking less and/or quit. [Code = 2]

I am thinking about smoking less and/or quit. [Code = 3]

I see no need to change my tobacco use. [Code = 4]

I prefer not to respond. [Code = 0] [N/A]

Required answers: 1 Allowed answers: 1

Q171 Have you attempted to quit smoking or using tobacco products since entering college?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 0] [N/A]

Required answers: 1 Allowed answers: 1

Q172 What methods have you used to assist your quitting? (Check all that apply)

Quitting cold turkey (no assistance) [Code = 1]

Substituting other types of tobacco instead of cigarettes (e.g., cigars, smokeless tobacco, hookah) [Code = 2]

Reducing total number of cigarettes smoked [Code = 3]

Spoke with someone to get support (e.g., University Health Center staff, counseling, support of family/friends) [Code = 4]

Used medication (e.g., nicotine replacement, prescription medications) [Code = 5]

Other (please specify) [Code = 6] [Textbox]

I prefer not to respond. [Code = 0] [N/A]

Required answers: 1 Allowed answers: 7

Q173 Where have you sought assistance? (Check all that apply)

University Health Center [Code = 1]

University Counseling Center [Code = 2]

University Wellness Center [Code = 3]

Off Campus Medical Doctor/Facility [Code = 4]

Support of family/friends [Code = 5]

Other (please specify) [Code = 6] [Textbox]

I prefer not to respond. [Code = 0] [N/A]

Required answers: 1 Allowed answers: 7

Q174 Which statement best describes the results of your attempts to quit?

I have not smoked a cigarette since quitting. [Code = 1]

I have greatly reduced my smoking but have occasional "slip-ups". [Code = 2]

I continue to smoke at the same level as before the quit attempt. [Code = 3]

I prefer not to respond. [Code = 4]

Required answers: 1 Allowed answers: 1

Next Page: Conditional

Page - 37

Q175 Do you feel your university should have smoke-free outdoor university areas?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 0] [N/A]

Required answers: 1 Allowed answers: 1

Q176 Would you prefer to go to a restaurant or bar that was completely smoke free?

Yes [Code = 1]

No [Code = 2]

It does not matter to me. [Code = 3]

I prefer not to respond. [Code = 0] [N/A]

Required answers: 1 Allowed answers: 1

The following questions ask about your driving behavior.

Required answers: 0 Allowed answers: 0

Q177 Do you drive a vehicle while attending classes at your university?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 3]

Required answers: 1 Allowed answers: 1

While driving a vehicle, how often do you do each of the following? (If you do not drive, please choose 'I do not drive'.)

Q178 Wear a safety belt

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Q179 Talk on a cell phone

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Q180 Text message on a cell phone

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Q181 Used a social media application (i.e., Facebook, Instagram, Twitter, Google Maps)

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Q182 Drive while drowsy

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Q183 Go 10 or more miles per hour over the speed limit

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Q184 Become angry at other drivers

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Q185 Eat or drink

Never [Code = 1]

Rarely [Code = 2]

Sometimes [Code = 3]

Most of the time [Code = 4]

Always [Code = 5]

I prefer not to respond. [Code = 88] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

The following questions are about other experiences of a sensitive nature and may cause discomfort. If you'd like to speak to someone, please seek assistance at your campus counseling center.

Required answers: 0 Allowed answers: 0

Q186 Which, if any, of the following describe any intimate relationships you have ever had? (Check all that apply)

Verbally abusive [Code = 1]

Sexually abusive [Code = 2]

Physically abusive [Code = 3]

Psychologically abusive [Code = 4]

Financially abusive [Code = 5]

Abusive in any other way (please specify) [Code = 6] [Textbox]

Not applicable/none of the above [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 8

Next Page: Sequential

Page - 39

Q187 In the past year, which, if any, of the following describe any intimate relationships you have had? (Check all that apply)

Verbally abusive [Code = 1]

Sexually abusive [Code = 2]

Physically abusive [Code = 3]

Psychologically abusive [Code = 4]

Financially abusive [Code = 5]

Abusive in any other way (please specify) [Code = 6] [Textbox]

Not applicable/none of the above [Code = 0] [N/A]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 8

Q186='Verbally abusive' OR Q186='Sexually abusive' OR Q186='Physically abusive' OR Q186='Psychologically abusive' OR Q186='Financially abusive' OR Q186='Abusive in any other way (please specify)'

Q188 Have you ever experienced non-consensual sexual contact, meaning sexual contact against your will?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 40

Q189 In the past year, have you experienced non-consensual sexual contact, meaning sexual contact against your will?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q188='Yes'

Q190 Has the non-consensual sexual contact occurred while you were attending this college/university?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q188='Yes'

Q191 Where did the non-consensual sexual contact occur? (Check all that apply)

On-campus [Code = 1]

Off-campus and not related to university activities [Code = 6]

Off-campus and at a university-related event [Code = 3]

During a study abroad program [Code = 4]

During an internship through the college/university [Code = 5]

Away from my campus (i.e., During Winter Break, Spring Break, etc.) [Code = 6]

Required answers: 1 Allowed answers: 6

Q192 Have you ever forced someone to have non-consensual contact, meaning sexual contact against their will?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 41

Q193 In the past year, have you forced someone to have non-consensual contact, meaning sexual contact against their will?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q192='Yes'

Q194 Stalking is defined as any repeated, unwanted contact, which can include repeated phone calls, emails or text messages, following a person, or any behavior used to harass the individual. In the past year, has anyone used any method of stalking to make you feel fearful?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 42

Q195 Which tools or methods did someone use to make you feel fearful? (check all that apply)

Social networking [Code = 1]

Cell phone [Code = 2]

GPS [Code = 3]

In person- showing up at/outside of your class [Code = 4]

In person- showing up at your residence [Code = 5]

In person- showing up at your place of work [Code = 6]

Other [Code = 7] [Textbox]

None of the above [Code = 8]

Prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 9

Q194='Yes'

Please indicate how likely you are to engage in each of the following behaviors in the future:

Q196 Tell someone if I heard what sounded like yelling or fighting through my residence hall/apartment walls.

Never would [Code = 0] [Numeric Value = 1]

Unlikely [Code = 1] [Numeric Value = 2]

Likely [Code = 2] [Numeric Value = 3]

Very likely [Code = 3] [Numeric Value = 4]

Definitely would [Code = 4] [Numeric Value = 5]

Prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q197 Get help if I saw a friend grabbing, pushing, or insulting their boyfriend/girlfriend/partner.

Never would [Code = 0] [Numeric Value = 1]

Unlikely [Code = 1] [Numeric Value = 2]

Likely [Code = 2] [Numeric Value = 3]

Very likely [Code = 3] [Numeric Value = 4]

Definitely would [Code = 4] [Numeric Value = 5]

Prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q198 Speak up and express concern if I heard a stranger talking about coercing someone to have sex.

Never would [Code = 0] [Numeric Value = 1]

Unlikely [Code = 1] [Numeric Value = 2]

Likely [Code = 2] [Numeric Value = 3]

Very likely [Code = 3] [Numeric Value = 4]

Definitely would [Code = 4] [Numeric Value = 5]

Prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q199 Speak up and express concern if I heard a friend talking about coercing someone to have sex.

Never would [Code = 0] [Numeric Value = 1]

Unlikely [Code = 1] [Numeric Value = 2]

Likely [Code = 2] [Numeric Value = 3]

Very likely [Code = 3] [Numeric Value = 4]

Definitely would [Code = 4] [Numeric Value = 5]

Prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q200 If you were to get help for any of the above situations after they occurred, where would you go? (Check all that apply) Link for on-campus resources related to interpersonal violence: (Eric will make this for us)

Friends/Peers [Code = 1]

Another Student [Code = 2]

Health, Wellness or Counseling Center [Code = 3]

Residence life staff (RA/CA) [Code = 4]

University Health Center [Code = 5]

Campus Police [Code = 6]

Campus Staff/Faculty Member [Code = 7]

Other (please specify) [Code = 8] [Textbox]

Prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 9

Next Page: Sequential

Q201 For the previous situations where you indicated that you would never or were unlikely to do something, why do you think you would not intervene? (Check all that apply)

I don't think it's a problem. [Code = 1]

I'm afraid I'd look stupid if I made a big deal out of nothing or if I did it wrong. [Code = 2]

There would be other people around who would probably act so I wouldn't have to. [Code = 3]

My friends would give me a hard time if I did anything. [Code = 4]

It's not my responsibility (I am not the party police or their babysitter). [Code = 5]

I could get physically hurt. [Code = 6]

My personality traits would make it hard (e.g., I'm shy, I hate conflict). [Code = 7]

I don't think the person would actually need my help. [Code = 8]

Other people would be more qualified to help. [Code = 9]

I wouldn't want to get in trouble. [Code = 10]

It's not my concern and I don't want to get involved. [Code = 11]

Other (please specify) [Code = 12] [Textbox]

Prefer not to respond [Code = 99] [N/A]

Required answers: 1 Allowed answers: 13

(Q196='Never would' OR Q196='Unlikely') OR (Q197='Never would' OR Q197='Unlikely') OR (Q198='Never would' OR Q198='Unlikely') OR (Q199='Never would' OR Q199='Unlikely')

Next Page: Sequential

Page - 44

Q202 Whom do you feel you can go to on-campus when personal concerns arise? (Check all that apply)

Friends/peers [Code = 1]

University Counseling Center [Code = 2]

Religious or spiritual advisor [Code = 3]

Residence life staff [Code = 4]

University Health Center [Code = 5]

Law enforcement/campus security [Code = 6]

Academic advisor [Code = 7]

Faculty/professor [Code = 8]

University staff member [Code = 9]

Other (please specify) [Code = 10] [Textbox]

I don't feel like I can go to anyone on campus when personal concerns arise. [Code = 88]

Prefer not to respond [Code = 12]

Required answers: 1 Allowed answers: 12

Q203 Whom do you feel you can go to off-campus when personal concerns arise? (Check all that apply)

Parents [Code = 1]

Sibling/extended family [Code = 2]

Friends/peers [Code = 3]

Mental health professional (counselor) [Code = 4]

Religious or spiritual advisor [Code = 5]

Chat rooms or online support groups [Code = 6]

Dating partner/spouse [Code = 7]

Other (please specify) [Code = 8] [Textbox]

I don't feel like I can go to anyone off campus when personal concerns arise. [Code = 88]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 10

Q204 Which of the following have you experienced in the past year? (Check all that apply)

Major depression [Code = 1]

Sexual assault [Code = 2]

Eating disorder(s) [Code = 3]

Chronic sleep issues [Code = 4]

Self-injury (not suicidal behavior) [Code = 5]

Anxiety [Code = 6]

Abusive relationship [Code = 7]

Alcohol abuse/dependency [Code = 8]

Panic attacks [Code = 9]

Bipolar disorder [Code = 10]

Other (please specify) [Code = 11] [Textbox]

I have not experienced any of these. [Code = 88]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 13

Next Page: Sequential

Q205 For the issues previously identified, where did you initially seek assistance? (Check up to two)

I did not seek assistance [Code = 1]

University Counseling Center [Code = 2]

University Health Center [Code = 3]

Religious or spiritual advisor [Code = 4]

Hospital emergency room [Code = 5]

Off-campus medical doctor [Code = 6]

Off-campus mental health provider [Code = 7]

In-patient psychiatric facility [Code = 8]

Friends and family [Code = 9]

Other (please specify) [Code = 10] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 2

Q204='Major depression' OR Q204='Sexual assault' OR Q204='Eating disorder(s)' OR Q204='Chronic sleep issues' OR Q204='Self-injury (not suicidal behavior)' OR Q204='Anxiety' OR Q204='Abusive relationship' OR Q204='Alcohol abuse/dependency' OR Q204='Panic attacks' OR Q204='Bipolar disorder' OR Q204='Other (please specify)'

Next Page: Sequential

Page - 46

Q206 What other services did you utilize? (Check up to two)

Friends and family [Code = 8]

University Counseling Center [Code = 1]

Off-campus medical doctor [Code = 5]

Off-campus mental health provider [Code = 6]

Religious or spiritual advisor [Code = 3]

University Health Center [Code = 2]

Hospital emergency room [Code = 4]

In-patient psychiatric facility [Code = 7]

Other (please specify) [Code = 9] [Textbox]

None of the above [Code = 10]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 11

Q205='University Counseling Center' OR Q205='University Health Center' OR Q205='Religious or spiritual advisor' OR Q205='Hospital emergency room' OR Q205='Off-campus medical doctor' OR Q205='Off-campus mental health provider' OR Q205='In-patient psychiatric facility' OR Q205='Friends and family' OR Q205='Other (please specify)'

Q207 Have you ever (in your lifetime) had suicidal thoughts?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 47

Q208 In the past year, have you had suicidal thoughts?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q207='Yes' OR Q207='I prefer not to respond.'

Q209 In the past year, have you attempted suicide?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 48

Q210 Have you sought assistance for your suicide attempt/thoughts in the past year?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q208='Yes' OR Q209='Yes'

Next Page: Sequential

Page - 49

Q211 Where did you primarily seek assistance for suicidal attempt/thoughts?

University Counseling Center [Code = 1]

University Health Center [Code = 2]

Religious or spiritual advisor [Code = 3]

Hospital emergency room [Code = 4]

Off-campus medical doctor [Code = 5]

Off-campus mental health center [Code = 6]

Other [Code = 7] [Textbox]

I prefer not to respond. [Code = 99] [N/A]

Not applicable/none of the above [Code = 0] [N/A]

Required answers: 1 Allowed answers: 9

Q210='Yes'

Next Page: Sequential

Page - 50

Q212 How effective was the assistance you received?

It negatively impacted me [Code = 1]

Not effective at all [Code = 2]

Slightly effective [Code = 3]

Moderately effective [Code = 4]

Very effective [Code = 5]

Extremely effective [Code = 6]

I prefer not to respond. [Code = 99] [N/A]

Not applicable/none of the above [Code = 0]

Required answers: 1 Allowed answers: 1

Q210='Yes' OR Q211='University Counseling Center' OR Q211='University Health Center ' OR Q211='Religious or spiritual advisor ' OR Q211='Hospital emergency room ' OR Q211='Off-campus medical doctor ' OR Q211='Off-campus mental health center' OR Q211='Other'

Next Page: Sequential

Page - 51

Q213 In the past year, have you been concerned about a friend having suicidal thoughts or behaviors?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q214 Would you be willing to complete an online suicide prevention training program specializing in the detection, intervention, and referral of friends at risk for suicide?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 52

Q215 Have you heard of the Ask Listen Refer program (an online suicide prevention program designed to help faculty, staff, and students prevent suicide)?

Yes [Code = 1]

No [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q214='Yes' OR Q213='Yes'

Q216 How likely are you to bring up the topic of suicide with someone you think is at risk?

Very unlikely [Code = 1] [Numeric Value = 1]

Unlikely [Code = 2] [Numeric Value = 2]

Neither unlikely or likely [Code = 3] [Numeric Value = 3]

Likely [Code = 4] [Numeric Value = 4]

Very likely [Code = 5] [Numeric Value = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q217 How likely are you to refer someone who tells you they are thinking about suicide to a local resource?

Very unlikely [Code = 1] [Numeric Value = 1]

Unlikely [Code = 2] [Numeric Value = 2]

Neither unlikely or likely [Code = 3] [Numeric Value = 3]

Likely [Code = 4] [Numeric Value = 4]

Very likely [Code = 5] [Numeric Value = 5]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

The following questions are about your sexual behaviors. When answering these questions, please keep in mind the following definition of sexual partner: Any past partner with whom you have had vaginal intercourse, oral sex, or anal sex.

Required answers: 0 Allowed answers: 0

Q218 How many sexual partners have you had in the past year? Please count every partner, even those you had sex with only once.

0 partners [Code = 0]

1 partner [Code = 1]

2 partners [Code = 2]

3-4 partners [Code = 3]

5-7 partners [Code = 5]

8+ partners [Code = 8]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q219 How many sexual partners do you think the typical student has had in the past year?

0 partners [Code = 0]

1 partner [Code = 1]

2 partners [Code = 2]

3-4 partners [Code = 3]

5-7 partners [Code = 5]

8+ partners [Code = 8]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q220 Have you ever used alcohol or drugs to help you feel more comfortable with a sexual partner?

Yes [Code = 1]

No [Code = 0]

No (zero) sexual partners [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 54

Q221 In the past year, have you used alcohol or drugs to help you feel more comfortable with a sexual partner?

Yes [Code = 1]

No [Code = 0]

I prefer not to respond. [Code = 99] [N/A]

No (zero) sexual partners [Code = 4]

Required answers: 1 Allowed answers: 1

Q220='Yes' OR Q220='I prefer not to respond.' OR NOT Q218='0 partners'

Q222 Have you ever done more sexually than you had originally planned to do because you had been drinking alcohol or using drugs?

Yes [Code = 1]

No [Code = 0]

No (zero) sexual partners [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Next Page: Sequential

Page - 55

Q223 In the past year, have you done more sexually than you had originally planned to do because you had been drinking alcohol or using drugs?

Yes [Code = 1]

No [Code = 0]

No (zero) sexual partners [Code = 2]

I prefer not to respond. [Code = 99] [N/A]

Required answers: 1 Allowed answers: 1

Q222='Yes' OR Q222='I prefer not to respond.'

Next Page: Sequential

Page - 56

Q224 Do you have any additional comments?

[Code = 1] [Textbox]

Required answers: 0 Allowed answers: 1

Next Page: Sequential