

Introduction to Statistics

The driving force behind statistics is that we want to know something about a certain group of people. The whole group of people we want information from is called the **population**. Usually, we cannot ask everyone in our population (like all ISU students) so we ask only a small portion of them. The group of people we actually ask is called the **sample**.

The following questions were asked of a sample of approximately 900 ISU students in 2003 concerning alcohol and drug use.

Answer the following questions. We'll compare our class to ISU students in general.

1. Indicate whether you agree or disagree with the following statements.

- a.) I see drinking as central in the social life of **male** students.
- b.) I see drinking as central in the social life of **female** students.
- c.) I see drinking as central in the social life of **fraternities**.
- d.) I see drinking as central in the social life of **sororities**.
- e.) I believe the social atmosphere on campus promotes alcohol use.

2. We are interested in knowing if alcohol and drug use affects students adversely. Indicate whether you agree or disagree with the following statements.

- a.) Because of drinking, I have done something I regretted later.
- b.) Because of drinking, I have gotten nauseated or vomited.
- c.) Because of drinking, I've had a memory loss.

3. What year are you in school? Freshman, Sophomore, Junior, Senior, Graduate, or other

4. During the last two weeks, have you had 5 or more drinks in any one sitting?

5. Within the last year, have you participated in any of the following activities?

- a.) intercollegiate athletics
- b.) social fraternities or sororities
- c.) intramural sports and clubs

6. Do you believe that alcohol has any of the following effects?

- a.) facilitates male bonding
- b.) facilitates female bonding
- c.) makes food taste better
- d.) makes women sexier
- e.) makes men sexier
- f.) makes yourself sexier