

Part II: Statistic Vocabulary Examples

1. 27 SUV's were randomly selected from a Ford plant in Detroit. 21% were found to have defective airbags.

What is the population?

What is the sample?

What is the statistic?

2. A study of Math 114 students was taken at the end of spring semester, 2012. A sample of 30 found 78% had a positive experience in the course.

What is the population?

What is the sample?

What is the statistic?

3. Which is a parameter and which is a statistic?

98% of RU students own a cell phone.

The yearly payroll of the players on the Washington Capitals is \$21,000,000.

82% of adults surveyed admit to drug use.

4. Identify each as categorical data or numerical data.

The times of the women's 200m run from the London Olympics.

The eye colors of students in this class.

The social security numbers of the students in this class.