In the class survey we did Jan. 14, the questions were:
1. What is your sex?
2. How many total ear pierces do you have?
3. Do you have a tattoo?
4. About how many music CDs do you own?
5. What is your height?
6. If you could choose your height, what height would you choose?
7. When considering whether to date someone, rate the relative importance of personality versus looks on a scale of 0 (personality most important) to 9 (looks most important).
8. For what section of Stat 200 are you registered?
9. With whom do you find it easiest to make friends?
   a. opposite sex   b. same sex   c. doesn't matter

• For each survey item, identify whether the raw data would constitute a categorical, quantitative, or ordinal variable.
• Formulate four interesting "research" questions that these data could be used to answer. Make at least one of your questions be about two categorical variables, and at least one other question be about only one categorical variable.
• For each of your four questions-
  • What summaries do you think would be helpful?
  • Is there a larger population for which our data could be used to make an inference? If so, what would be the population?

Use Minitab to analyze your questions. The data are stored on the web and on the CAC network. (We'll show you how to get the data into Minitab.)

Some useful Minitab procedures for categorical data are:
• To do a table of a single categorical variable, click Stat>Tables>Tally
• To do a table of two categorical variables , click Stat>Tables>Cross Tabulation