Bar Chart

Making bar chart when frequency data is available. The example data (see step 2 in this instruction) is for comparing among male and female subjects to see if there is difference in their preference in a policy based on their Yes and No votes.

1) Perform the following menu selections:

2) Enter the information asked to formulate your Bar Chart with the side-by-side bar chart (or cluster bar chart) and then click OK.
3) Result:

Pie Chart

Making Pie chart from categorical variable with raw data.

1) Enter your data into a new data table for the categorical variable.

This data needs to be converted to a factor variable in order to make bar chart or pie chart.
2) Convert your data into factors.
   a. Perform the following menu selections:

   **Data/Manage variables in active data set/Convert numeric variables to factors…**

   b. Select the variable to be converted:

   ![Image of the Convert Numeric Variables to Factors window]

   c. If “Supply level names” is selected, one needs to supply the names or labels for all different data values for this categorical variable.

   ![Image of the Level Names for var1 window]
3) Go to the “Graphs” menu and select “Pie chart”. Then choose the variable you want to graph and click OK.

4) The result: