

Calculating Standard Deviation using a Spreadsheet:

1. Enter your data in column A
2. Position your cursor below the last value in your data set
3. Go to the Formula bar fx above the column headings labeled B & C and click on $=$
4. Then go over to the ▼ and click on that triangle to bring up a list of functions
5. Select STDEV for standard deviation a separate screen will come up highlight the full data set so that behind **Number1** A1:A15

Graphing using Excel

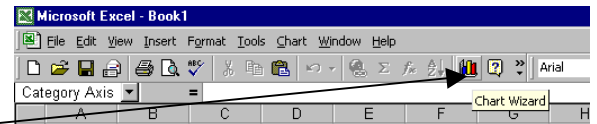
If it does not make sense to graph this data as it is listed then, regroup your data into intervals in the second column and the frequency in the third column

To create a graph using Excel

- 1) Start the spread sheet program Microsoft Excel

- 2) Enter the data in the second and third columns

- 3) Highlight the data and click on the chart wizard

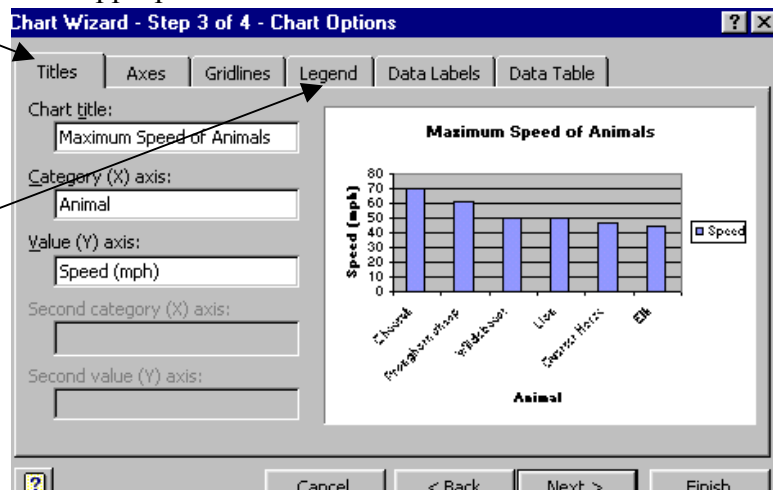


- 4) Select the appropriate type of graph

- 5) Click Next> twice

- 6) Under the Titles tab enter the appropriate chart title and axis labels

- 7) Under the Legend Tab click in the box so there is no check next to Show Legend to remove the legend



- 8) Click Next >

- 9) Click Finish and **print** your graph