

Data Analysis Checklist

What Makes for a Good Data Analysis Chart?	For a Good Chart, You Should Answer "Yes" to Every Question
Is there sufficient data to know whether your hypothesis is correct?	Yes/No
Is your data accurate?	Yes/No
Does your chart specify units of measurement for all data?	Yes/No
Have you verified that all calculations (if any) are correct?	Yes/No
Have you summarized your data with an average, if appropriate?	Yes/No
Are statistics displayed, where appropriate?	Yes/No

Graph Checklist

What Makes for a Good Graph?	For a Good Graph, You Should Answer "Yes" to Every Question
Have you selected the appropriate graph type for the data you are displaying?	Yes/No
Does your graph have a title?	Yes/No
Have you placed the independent variable on the x-axis and the dependent variable on the y-axis?	Yes/No
Have you labeled the axes correctly and specified the units of measurement?	Yes/No
Does your graph have the proper scale (the appropriate high and low values on the axes)?	Yes/No
Is your data plotted correctly and clearly?	Yes/No
Are statistics displayed, where appropriate?	Yes/No

Chart Suggestions—A Thought-Starter

