

Microsoft Excel for Charts

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Charts in Excel

- Charts are found on the *Insert* Tab
- Commonly Used Charts
 - Scatter Plot: Correlation
 - Pie Chart: Percentages
 - Bar Chart: Means

Scatter Plots

- Needed: Two columns of data
 - Each column is one variable
 - Each row is one participant
- Important Chart Elements
 - Axes: Set Minimum and Maximum, Units
 - Axes title: Name by Variable
 - Chart Title
 - Trendline: Sometimes

Scatter Plots

- Other Options
 - Switch Row/Column
 - Move Chart Location

Pie Chart

- Needed: Frequency Table
- Important Chart Elements
 - Chart Title
 - Data Labels
 - Frequency or Percent?
 - Location
 - Legend

Bar Chart

- Needed: Table of Means
- Important Chart Elements
 - Y-Axis: Minimum, Maximum, Units
 - Axis Titles
 - Chart Title
 - Error Bars?
 - Legend?

Bar Chart with 2 (or more) Independent Variables

- Needed: Table of Means
- Important Chart Elements
 - Y-Axis: Minimum, Maximum, Units
 - Axis Titles
 - Chart Title
 - Error Bars
 - Legend?
- Other Options
 - Switch Row/Column
 - Select Data