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 ESS Presentations - Basic Excel Data Sets - BOTH Excel & Text files

Basic Excel

PRESENTERS:

YADÉEH SAWYER, PHD (SHE, HER, ELLA)

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Reminder



<u>Unit 2: Basic equations</u> with Data

Unit 3: Graphing

Unit 1: The Basics

Entering Data

Freezing Panes

Filtering

Sorting

Formatting Cells

Entering Data (Text to Columns)

On the ESS Website

Download the Data Sets:

• Text File

https://ess.unm.edu/events/pasteventfiles/basicexcel_data_text.txt

• Excel File

https://ess.unm.edu/events/pasteventfiles/basicexcel_data_excel.xlsx

https://ess.unm.edu/resources/academic-support.html > ESS Presentations

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Unit 2: Dealing with Data

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Unit 3: Graphing

Column/Bar graph

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Pie

- Scatter plot
- •Line graph
- •Pie chart







Graphs for Today



Column/Bar graph



First determine

What do you want your graph or chart to say?

What type of data do you have?

What type of graph is appropriate?



Compare measurements between groups

Next determine

- For column/bar graphs:
- What are your series (groups)?
 - Sex 1 & 2
- •What are your x-axis categories?
 - Measurements

Column/Bar Graphs

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Other Chart Elements


Scatter plot





Relationship of measurements within a group

Next determine

For scatter plots:

• What are your series (groups)?

• Sex 1 & 2

• What is your independent variable (x-axis)?

• Age

• What is your dependent variable (y-axis)?

• Weight

"(Independent variable) causes a change in (Dependent Variable) and it isn't possible that (Dependent Variable) could cause a change in (Independent Variable)"

Scatter Plots

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Paste Special...

Additional Excel resources: http://www.excel-easy.com/

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