Follow the same steps for the second set of data on astronomical years.

Answer the following questions on a separate sheet of paper.

What is the equation of the trendline?

What does the slope of the trendline tell you about the data in the graph?

What is the interpretation of the slope and the y-intercept as it applies to this data?

Talkin' Trash.

In this spreadsheet you will be using columns A, B, and C.
EXCEL will use the 'A' column as the x's and will graph the B and C columns separately. Resulting in two scatterplots.

Follow the steps again using columns A, B, and C. **Change the data in COLUMN A to be *Years since 1960*** . Which means cell A1 will be 0, cell A2 will be 10, and so on. This way the y-intercept for both trend lines will be the y values in 1960.

Answer question 1 on a separate sheet of paper.

For Question 2 you are asked to calculate pounds per person per day.

To calculate pounds per day you must divide the yearly amount by 365.

To do this:
1. Click cell D1
2. In the formula box above enter ***=B1/365***
3. Drag the formula down to fill all the cells.
4. Re-graph the data with the 'D' column included.
5. Use the forward option in the trend line dialogue box to answer the questions.