Creating a histogram on EXCEL 2013

1. Start up **Excel.**

2. Title the **A1** and **B2** column **Class Boundaries** and **Frequency** accordingly.

   Histograms most often deal with intervals and frequency. On the horizontal x-axis will be the intervals data which may also be called groups, segments, or bins. This is the grouped data. Frequency is on the vertical y-axis.
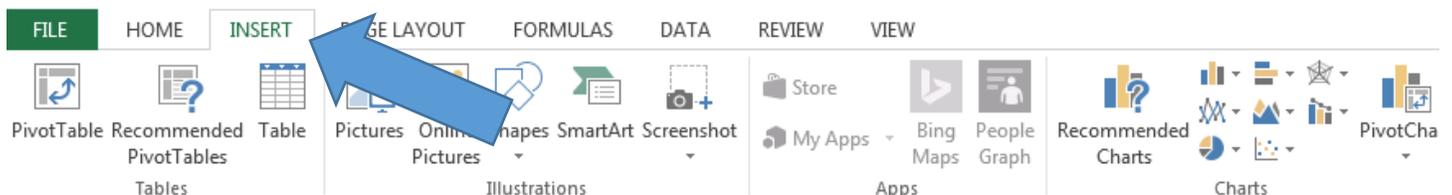
3. In the **Class Boundaries** and **Frequency** columns input your data.

	A	B	C
1	Boundaries	Frequency	
2	99.5-104.5	2	
3	104.5-109.5	8	
4	109.5-114.5	18	
5	114.5-119.5	13	
6	119.5-124.5	7	
7	124.5-129.5	1	
8	129.5-134.5	1	
9			
10			
11			
12			

4. Once you have your raw data into Excel, select your data. In my example, I have selected cells **A1** through **B8.**

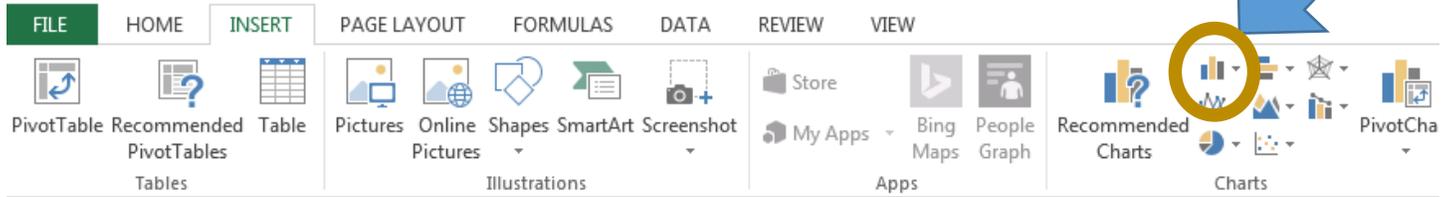|	A	B	C
1	Boundaries	Frequency	
2	99.5-104.5	2	
3	104.5-109.5	8	
4	109.5-114.5	18	
5	114.5-119.5	13	
6	119.5-124.5	7	
7	124.5-129.5	1	
8	129.5-134.5	1	
9			
10			
11			
12			

5. Select **INSERT** from the top toolbar.

FILE   HOME   INSERT   PAGE LAYOUT   FORMULAS   DATA   REVIEW   VIEW

PivotTable Recommended PivotTables Table   Pictures Online Pictures Shapes SmartArt Screenshot   Store My Apps   Bing Maps People Graph   Recommended Charts   PivotChart

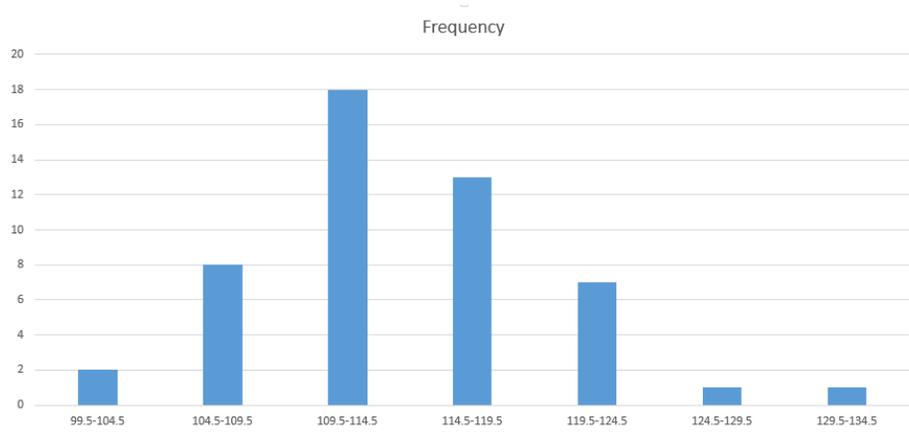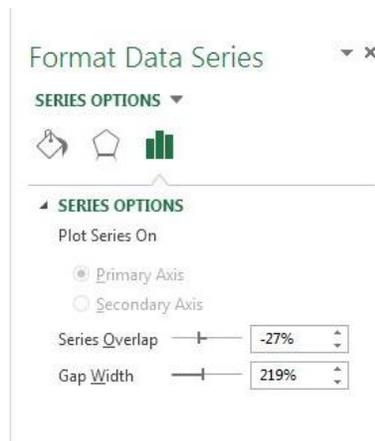Tables   Illustrations   Apps   Charts

6. Click on **Insert Column Chart,** and select **Clustered Column,** from the **2-D Column Section**

7. By now you should have something that looks like this. **Right Click** on one of the **Bars** and select **Format Data Series...** from the drop down menu.
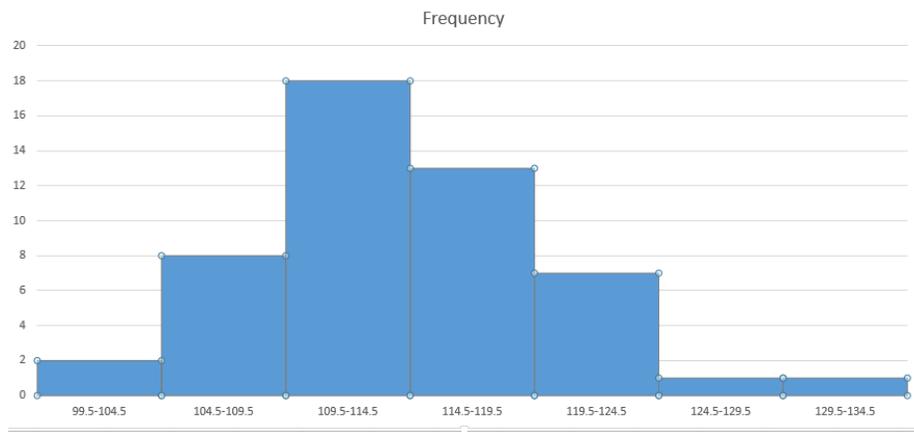

8. Set the **Gap Width** to **0%**

9. By now you should be looking at something like this.

Creating a histogram on EXCEL 2013

Frequency

10. At the top toolbar select **Add Chart Elements** and add the axis labels and title for your graph.

Temperature Highs Per State