FOR MICROSOFT OFFICE 2007
To Create a Histogram in Excel with a Specified Number of Classes

Find the class width for the data set (range / # of classes). Determine the lowest class limit, then use the class width to find the upper and lower class limits and boundaries.


Enter each data value in a cell in column A.

Enter each class upper boundary in a cell in column B. These upper boundaries will be displayed beneath the bars in the histogram.

Select the DATA tab. If you do not see a DATA ANALYSIS group in the data ribbon, do the following to add in the data analysis tool pack.

Click on the office button in the upper left hand corner. Click on EXCEL OPTIONS at the bottom of the box that opens. Click on ADD-INS in the list that appears on the left. Select Analysis Toolpak from the list that appears on the right. Make sure that “Excel Add-ins” appears in the MANAGE field at the bottom of the window, then click GO. Select Analysis Toolpak and click OK.

Select the DATA tab. Select DATA ANALYSIS from the analysis group.

Select HISTOGRAM.

Drop the values from column A into the INPUT RANGE, and the values from column B into the BIN RANGE. Check “New worksheet Ply” and “Chart Output”, then OK.

Eliminate the gaps between bars by right clicking on a bar and selecting FORMAT DATA SERIES. Slide the gap width to zero.

Eliminate the “More” class by right clicking in the chart area and selecting SELECT DATA. Select “Edit” in the Horizontal (category) axis labels. Decrease the last number in the box by one, click OK and OK.

Enter appropriate title and labels by clicking on them and editing.