**Module 6 Post & Reply: Figure Practice & Statistical Data**

No unread replies. No replies.

[**Gapminder World (Links to an external site.)**](http://www.gapminder.org/world/) **is a tool for viewing, presenting, and understanding a wide range of statistical data including health, population, and economics. This is the software that Hans Rosling has used to effectively communicate the the information contained in a wide range of data sets about the countries of the world. The software, plus a very large number of data sets, are available online.**

In this assignment, you will use Gapminder World, plus other information resources, to explore how a relationship *of interest to you* changes over time.

**First**, you will need to compare at least one "high income" or "middle income" country to one or more "low income" countries.

**Next**, you'll create an argument about the relationship between these data sets and present your argument in an original post to the discussion forum. (As you recall from Module 4, an argument includes a *claim* supported by one or more *reasons* and uses *evidence.*)

When you are on the Gapminder World page, you can access a video that shows how to use the chart application by clicking on the "**How to Use**" button.

Your original post should include the following components:

1. Your argument and supporting evidence of 250-500 words.
2. Your post should include at least *one figure* created with Gapminder World. To create this figure:
	* Select the two or more countries you are comparing so that the names of the countries are indicated on your chart.
	* Make sure "**Trails**" is selected; this will create a trail of your country data over time.
	* Click on "**Play**" to start the video.
	* Once the animation has completed, **take and save a screen shot of the graph**; include the horizontal and vertical axes in this screen shot.
	* In the post editor, insert the screen shot into your post by clicking on the image icon (**see Figure 1**) or right clicking at the point where you want to insert the image and selecting image. **Do not attach your figure as a file to your post. Do not create a word document and attach to your post.**
3. This figure should be integrated into your post:
	* Your write-up should refer to ("cite") your figure in the text.
	* Your figure should have a caption *and* a figure title (see example below).
4. Your post should include a bibliography with at least one source that is cited in the write-up. This source or sources should provide evidence to back up your argument.  Use IEEE formatting with your source(s).

*Figure 1: Image Icon used to insert an image into a forum post.*

**Finally**, reply to *two* (2) peers' posts in the discussion forum in order to be considered for full credit. Your reply should evaluate their use of statistics as evidence in their argument. Identify at least one alternate explanation for the pattern they have graphed. Include a cited source to back up your alternate explanation. Your replies should be between 150 - 200 words.