

The purpose of this exploration is to allow you to do quantitative research on some topic which has, in your estimation, severe global, national or regional implications and to make a convincing case for your concern to the class and your instructor.

For this project, you will work as part of a team and you'll make a presentation to the class using quantitative source data, statistics, data tables, charts and measures of change on during the **week of May 10th**, using the instructor computer and image projector in our normal classroom, Mac Lab C. Student and instructor presentation scoring rubrics are given on the course web page pages.

I expect that you will be creative in making arguments to support your point of view and that you may slant or skew chart presentations of data to make your point strongly using correct mathematics and statistics in the process. Note well that **EACH MEMBER OF THE GROUP IS EXPECTED TO HAVE A SPEAKING ROLE IN THE PRESENTATION** and that all presentations must be ready for presentation on the due date. You don't have to make a lengthy argument. I expect each presentation to be at most 5 minutes long. If you wish to use PowerPoint for your presentation, that is fine, but you do not have to do so.

To begin your work and bring the project to completion, you may wish to consider the following suggestions:

- Exchange phone numbers and e-mail addresses with the members of your group.
- Decide on several common topic of interest or concern for the group's presentation and do some research to explore what quantitative source information (text, periodical and internet sources) is available to support your topic and allow you to do a presentation. Decide on one topic for your presentation.
- Check with your instructor to make sure that your topic is suitable for presentation and note that when a particular presentation topic is chosen, it may not be chosen by another group for presentation.
- Plan out the project:
 - set some deadlines for what will be done and who will do it
 - set a time to check in with each other to make sure the deadlines are met
 - decide what roles you will take in the presentation
 - determine what you will do if a member of your group is absent on the day of the presentation

Lab C.

- decide how you will transfer your presentation to the computer projection unit in Mac

- Review the grading guidelines given and make sure you are aware of them as you put your project together.
- Write and print out the summary of your presentation.

The written part of your presentation is an executive summary and must be written by the group and

contain the following:

- cover page with the title of your presentation, section information and group members list

(Each member of the group must sign the cover page of the project to indicate that it was a group effort.)



- a typewritten summary which contains an introduction, multiple paragraphs supporting your causes for concern with reference to tables, charts and calculations and a conclusion
- data tables, charts and calculations using measures of change (absolute change, average rate of change and percent change)
- bibliography with text, periodical and internet sources.

Since this exploration will be included in your individual portfolio, you also need to print out a complete summary for each member of your group.

Please be well advised that a printout of a PowerPoint presentation is not acceptable as a written presentation summary.

- Practice your part of the presentation **before the due date** so that you are confident about what you will say.

Your grade on this project will depend on: 1) your instructor's assessment of your group's written summary and 2) an assessment that the other students in the class make on your presentation. Please review the **student and instructor presentation scoring rubrics** for more detailed information.

On **the due date**, the written summary of your presentation is due. **No late copies or e-mailed copies will be accepted.** If you have questions or problems with this assignment, do not hesitate to contact your instructor for assistance. You may also wish to view the **group presentation preparation work** to get some initial assistance in organizing your presentation.

Timeline:

March 24—List of Team Members

March 26—Project proposal

May 10th Week----Presentations

