GRADED EXERCISE #1: Analyzing basic results,
GRADED EXERCISE #1 DUE FEBRUARY 27

FOLLOW ALL INSTRUCTIONS CAREFULLY.

1) Analyze survey questions 1, 2, 3, and 11. Create simple frequency tables giving percents in each category. PRESENT THE INFORMATION IN TABULAR AND GRAPHIC FORMATS (OF YOUR CHOOSING).

2) Create a series of cross tabulations using the top 4 categories in question 2, cross-tabulated with questions 4 through 9. Use chi-square to test the statistical significance of the relationship. Report percents, chi-square, and Cramer’s V.

3) Create a cross tabulation using the top 4 categories in question 2 cross tabulated with question 11. Use chi-square to test the statistical significance of the relationship. Report percents, chi-square, and Cramer’s V.

4) Eliminating the no opinion responses, create an effectiveness index using questions 12 through 18 (HINT: AVERAGE EFFECTIVENESS SCORE FOR EACH RESPONDENT). Calculate the average effectiveness score and the standard deviation.

5) Do a sub-group analysis of the data, comparing Schuylkill County and Carbon County. Analyze questions 12 through 18 only, using percentages, graphic illustrations, averages and standard deviations.

GRADED EXERCISE #2: Presenting and interpreting the results
GRADED EXERCISE #2 DUE MARCH 20
DATA ANALYSIS
5 – 10 PAGES INCLUDING CHARTS/GRAPHS

Using the data, charts, graphs, and statistical analysis from the previous exercise, report on the effectiveness of Visioning across the Pennsylvania sites. Is there a statistically significant relationship between organizational type and perceptions concerning visioning? Explain the differences and similarities between the Schuylkill County and Carbon County responses to questions 12 through 18. Include APPROPRIATE charts and graphs to illustrate your written analysis.