**Section 411.350 Data Comparisons**

a) The jurisdictional entities shall cross-tabulate data for the following two groupings of survey results:

1) Demographic Cross-Tabulations – Responses to demographic questions shall be cross-tabulated by each of: rating questions, yes/no questions, and categorical questions; and

2) Rating Cross-Tabulations – Responses to rating questions shall be cross-tabulated by each of: yes/no questions, categorical questions and demographic questions;

b) The statistic used to examine differences in the data shall be the chi-square;

c) The jurisdictional entities shall present relationships, as determined based on the standard chi-square test, using a contingency table;

d) All statistically significant differences between the observed and expected response at the .05 probability level shall be noted;

e) The jurisdictional entities shall use correlation coefficients to indicate the direction and strength of the relationship between reported ratings of satisfaction and responses to each survey question;

f) The jurisdictional entities shall present relationships, as determined based on the Pearson Product Moment Correlation, using a correlation table; and

g) All relationships with a statistically significant correlation that has an absolute value of .5 or higher shall be noted and shall be explained in the executive summary.

(Source: Added at 24 Ill. Reg. 12914, effective September 1, 2000)