As the world becomes more inundated with data, the use and misuse of that data is becoming more common. At Concordia University, St. Paul, a small Christian liberal arts based university, Introduction to Probability and Statistics has been the top course for assessing Quantitative Reasoning. University wide rubrics are used to measure student learning outcomes that include translating, analyzing, and interpreting data, as well as supporting conclusions. Successes and struggles will be shared. (Received September 17, 2013)