

Report for Quantitative Reasoning Gen Ed Assessment for Fall 2015

1. Data Collection- Data was collected in all General Education courses (according to the KCC Catalog) that has quantitative reasoning as a general education objective. This data was collected in the spring of 2015.

2. Data Summation- Data was summarized using LiveText and by our IR department. Results listed below:

Expectations:	Met/Exceeded <i>in percents</i>	<i>LiveText</i>
Total	47.9	50.4
Male	54.9	60.2
Female	41.6	42.2
minus Physical Science		<i>LiveText counts students multiple times</i>
Total	63.2	<i>(if they are in multiple GE courses).</i>
Female	59	<i>The first column only lists each student once.</i>
PSCI 1524		
Total	30.4	
Female	17	

3. Data Analysis- Data was analyzed by 5 faculty members from the Math, Science, and Engineering Division and one member from the IR department.

a. It was determined that overall levels are lower than expectations. We plan to re-assess this spring and re-evaluate the results again to hopefully increase levels. Our goal is to increase by 10% for starters.

b. We determined an achievement gap in males and females. This was caused mostly by results in PSCI 1524. It was determined that since PSCI 1524 does not have a mathematics prerequisite, having a quantitative reasoning component may be ill-advised. The lead instructor is going to look at the curriculum in the course and decide if quantitative reasoning should be taken out.