**Py City Schools Summary**

Here are several insights based on the review of the py city school data.

**Overall Results**

The average scores are decent at 79% for math and 82% for reading. But the percentage passing rates are low at 75% for math and 86% for reading. I would recommend that the budget be reviewed for opportunities to improve the passing rates.

**Math versus Reading Average Scores and Passing Rates**

On average, the reading scores at 82% are higher than the math scores at 79%. But the passing rates are much lower for math at only 75% for math versus 86% for reading. I would recommend reviewing the budget to see if there is an opportunity to put more focus on improving the math scores without sacrificing the current success with the higher average rate for reading.

**School Size**

The average student scores are slightly higher in the smaller schools. However, the passing rate is much higher in the smaller schools. I would recommend looking at opportunities to possibly use the budget to create smaller class sizes in the larger schools to improve the passing rates at the larger schools.

**Average Math Score Average Reading Score % Passing Math % Passing Reading % Overall Passing**

**School Size**

**Small (<1000)**  83.82 83.92 93.55% 96.09% 89.88%

**Medium (1000-2000)** 83.37 83.86 93.59% 96.79% 90.62%

**Large (2000-5000)** 77.74 81.34 69.96% 82.76% 58.28%

**District versus Charter Schools**

The charter schools have a higher average and higher passing rate compared to the district schools. I would recommend reviewing the budget, as well as what the charter schools are doing differently to see if there is an opportunity to improve the passing rates. There is a possibility that the difference is based on demographics. I would recommend looking at opportunities to attract a more diverse demographic to the district schools.

**Average Math Score Average Reading Score % Passing Math % Passing Reading % Overall Passing**

**School Type**

**Charter**  83.47 83.89 83.47% 83.89% 90.43%

**District**  76.95 80.96 76.95% 80.96% 53.67%

**Highest Performance versus Lowest Performance Schools**

The highest performance schools are all charter schools with an average of 1641 students. The lowest performance schools are all district schools with an average of 6752 students. The lower passing rate seems to correspond with larger amount of students which could be the result of larger class sizes.

**Spending per Student**

Spending more per student did not result in higher average scores or passing rates. The average and passing rates went down. So, it appears to be more important how the money is spent rather than how much is spent per student.

**Average Math Score Average Reading Score % Passing Math % Passing Reading % Overall Passing**

**Spending Ranges (Per Student)**

**<$585**  83.45 83.93 93.46% 96.61% 90.36%

**$585-630** 81.89 83.15 87.13% 92.71% 81.41%

**$630-645** 78.51 81.62 73.48% 84.39% 62.85%

**$645-680** 76.99 81.02 66.16% 81.13% 53.52%