School District Analysis

After Analyzing the school district data, the district currently has an average math score 0f 78.9%, a reading score of 81.88%, and an overall passing rate of the two scores of 65.17%. We have 39,170 students across 15 schools and are spending an average of $639 per student.

One big conclusion can be made about public district schools and charter schools within the district. Charter schools on average, outperform district schools by a large amount. The average score for charter schools across math and reading were 83.47% and 83.90% respectively. District schools registered 76% and 80.97% across the same categories.

The charter schools also had significantly higher passing rates in math and reading with 93.62% and 96.59% respectively, while district schools passing rates were significantly lower than charter schools at 66.55% and 80.8%. Charter schools had an overall passing rate of both math and reading of 90.43% compared to district schools’ rate of 53.67%.

Why such a big disparity? It comes down to two main factors.

1. School size impacts student success.
2. Budget per student is disproportionate to student success.

**SCHOOL SIZE IMPACTS**

The largest charter school had nearly 700 less students than the smallest district school. All the charter schools were above every district school in pass rates by a wide margin. The worst performing charter school boasted an average overall pass rate of 89%, while the best performing district school had an overall pass rate of 55%. The schools within our district perform best when the school size falls between 1000-2000 students.

**BUDGET PER STUDENT**

Our students performed best with a smaller budget per student. Schools with the highest budget per students ($645-680) had an overall passing rate of 53.5% and schools with a budget less than $585 had an overall passing rate of 90%. However, budget per student compares almost exactly to the district data. That is because all the district school are considered large schools, and all but one charter school were medium or small schools. So spending more on our children doesn’t necessarily correlate to our student’s success.