This an analysis of a school district and it’s individual schools, looking at total students, the budget, math scores and reading scores, along with their associated passing rates in each category. As well, there is a look at student success in these categories based on which grade the student is in. Additionally, there is a deeper dive into individual school performance based on school size, school spending, and what type of school it is, either district or charter.

One thing to note is that the largest charter school had fewer students then the smallest district school by over 450 students, and large schools preformed significantly worst then small or medium schools (which had similar performances). Their average math scores are 5.5% lower and average reading schools are 2.5% below the small or medium sized schools. However, there is a significantly larger difference in the passing percentage, roughly 14% in both categories, suggesting that a lot of students in the larger schools where just a bit below the passing rate. And this goes in a similar manner in the school type comparison with a slight decrease for the larger district schools, suggesting there is a correlation between lower test scores and school size, school type or both.

In regard to spending, there appears to be a negative correlation between per student spending and math and reading scores. However, larger/district schools on average spent more per student then the smaller/charter schools. So, this spending might be related to an increase in operating cost to run a larger school or a district school and may not be related to additional money being spent directly on education in those subject areas.