In this analysis, we compared the performance of 15 schools in our district. We tied data about students’ math/reading scores and passing rates to key characteristics about the schools including school type, size, and budget. In doing so, we observed the following:

* Charter schools are outperforming District schools. Charter schools have a significantly higher overall passing rate (90.43%) than their District school peers (53.67%).
* Spending more per student does not amount to better performance. Students at the lowest budget range(<$585/student) had the highest overall passing rate at 90.37%. Students at the highest budget range($645-680/student) had the lowest overall passing rate at %53.53%.
* School size influences student success. Large schools, which have 2000-5000 students, have an overall passing rate of 58.29%. Small and medium schools which have 2000 students or less perform about the same, with an overall passing rate of about 90% and similar performances in math and reading
* At every single school, students perform better in reading than they do in math

In summary, if we want to improve our district performance, we should focus our efforts on improving our math curriculum over our reading curriculum. Instead of investing our money in increasing any individual school’s budget per student, we could explore reorganizing such that we have fewer large schools. There is only 1 large Charter school out of 8, but all 7 District schools are large, and every Charter school has more students passing overall than any District school.