# Report on District and Summary School Analysis

## Introduction

This brief report will summarise the analysis of the district and its schools respectively, providing several key findings/comparisons.

### District Summary

There are a total of 15 schools across the district with a combined total of 39, 170 students and a combined budget of $25,649,428.00. The average math score is approximately 79/100, and the average reading score is 82/100. The pass rate in percent for maths is approximately 75% and approximately 86% for reading. The overall pass rate for students across maths and reading is approximately 65%.

### School Summary and Key Findings/Comparisons

After breaking down the District Summary on a school-by-school basis, we can draw some interesting findings:

* Every school sees a lower percentage of students passing math than passing reading, but the divide is greatest in district schools with a 15-20% discrepancy. Charter schools see a greater parity between the two with a higher overall pass rate.
* There is little to no deviation from grade to grade from the respective school’s norm, with each grade category performing roughly the same on average.
* Pass rates correlate negatively with spending budgets, with pass rates decreasing proportionate to the school’s funding. The lowest performing schools are all district schools which have received significantly more financial aid than charter schools. Charter schools, by contrast, see the greatest student success despite their smaller budgets.
* A separate metric revealed a similar relationship between student success and school size, with larger schools (predominately district schools) performing on average worse than smaller schools (predominately charter schools).

#### Conclusion

It is clear from the findings that greater resource management and a re-evaluation of the teacher : student ratio is needed across district schools.