

Written Report

Summary of the analysis:

The analysis depicts school performance based on various factors: school size, school type and budget per student. This data included information about the average maths and reading scores alongside the percentage of students that pass these subjects. Then presenting the overall percentage of students achieving a pass. For example, the mean maths score is 78.99% versus the mean reading score which is 81.88%.

Comparisons:

When comparing charter and district schools, a trend that emerged was that charter schools have significantly higher average test scores, with a greater percentage of students passing both maths and reading. As well as a greater overall pass rate. Leading us to conclude that the approach of charter schools, which tend to offer more flexibility, thus are more effective in achieving academic success in comparison to the district school counterparts.

The analysis suggests that smaller sized schools tend to outperform larger schools in regard to academic achievement. Smaller schools (<1000) and medium sized schools (1000-2000) showed higher average test scores and a greater percentage of students passing maths and reading, therefore resulting in a greater overall pass rate. This suggests that in smaller sized schools there is more tailored and focused teaching ensuring students who are struggling academically are not neglected.