# District Student Data
# Standardized Test Results Analysis

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**Background Information:**
- Standardized test scores that tested math and reading skills from 15 schools within the district have been analyzed. The 15 schools included 39,170 students that completed the testing.
- When looking at the size of the schools the following criteria is used:
  - Small          Schools with less than 1,000 students
  - Medium     Schools with 1,000 to 2,000 students
  - Large         Schools with 2,000 to 5,000 students

**Summary of Findings:**
- The total budget for all schools combined in the district is $ 24,649,428
- The average score for each of the tests (math and reading) are as follows:
  - Average Math Score:    78.98%
  - Average Reading Score: 81.88%
- The percent of students that passed each of the tests is as follows:
  - Percentage of students that passed the Math Test:         74.98%
  - Percentage of students that passed the Reading Test:       85.81%
  - Percentage of students passing both the Math and the reading test:    65.17%
- The district is made up of 2 school types:
  - District        7 schools
  - Charter       8 schools
- The population of each school ranges from 427 students to 4976 students
- The budget per student for each school ranges from $578 to $655

**Findings and Observations**
- Small and medium sized schools out-performed large schools by a significant amount for overall testing scores. The percentage of students that passed both math and reading in small and medium schools is 88.88% and 90.62% respectively. Whereas only 58.28% of students in large schools passed both the math and reading tests.
- Charter schools out-performed District schools by a significant amount for overall testing scores. The percentage of students that passed both math and reading in charter schools is 90.43. Whereas only 53.67% of students in District schools passed both the math and reading tests.
- Schools that budgeted less per student out-performed schools that spent more by a significant amount for overall testing scores. The following shows the budget per student along with the percentage of students that passed both the math and reading tests:

| Budget Range Per Student | % Of Students Passing |
|---|---|
| < $585 | 90.37% |
| $585 - $630 | 81.42% |
| $630 - $645 | 62.86% |
| $645 - $680 | 53.53% |