**Analysis**

Across the district, 39,170 high school students' scores were assessed to find averages in math and reading, as well as to calculate the percentages of students passing each subject. Here are the summarized results:

* **Average Math Score**: 78.99
* **Average Reading Score**: 81.88
* **Percentage Passing Math**: 74.98%
* **Percentage Passing Reading**: 85.81%
* **Overall Passing Rate**: 65.17%

A total of 15 high schools were reviewed to explore the correlation between school spending per student and academic performance, in addition to identifying the highest and lowest-performing schools based on overall passing rates. The schools achieving the highest and lowest passing rates are as follows:

**Top-Performing Schools**:

1. Cabrera High School
2. Thomas High School
3. Griffin High School
4. Wilson High School
5. Pena High School

**Lowest-Performing Schools**:

1. Rodriguez High School
2. Figueroa High School
3. Huang High School
4. Hernandez High School
5. Johnson High School

From the analysis, several key insights emerged:

1. **School Type and Passing Rates**: Charter schools showed a notably higher overall passing rate (90.43%) compared to district schools, which had a passing rate of 53.67%.
2. **Spending per Student vs. Academic Performance**: No positive correlation was observed between per-student spending and academic outcomes. Interestingly, schools in the lowest spending bracket (under $585 per student) had the highest average scores and overall passing rates in math and reading.
3. **School Budget’s Effect on Outcomes**: Higher school budgets don’t necessarily translate into better academic scores. By comparing schools with similar budget levels, we can better understand how resource management impacts educational effectiveness.
4. **School Size and Achievement**: Smaller schools generally demonstrated higher average scores and passing rates than larger schools, hinting that reduced class sizes and a more close-knit learning environment may be beneficial to student performance.