School Data Analysis:

Summary of School Data:

Top Performing Schools by Passing Rate:

1. Cabrera High School (Charter): 91.33%
2. Thomas High School (Charter): 90.95%
3. Griffin High School (Charter): 90.60%
4. Wilson High School (Charter): 90.58%
5. Pena High School (Charter): 90.54%

Worst Performing Schools:

1. Rodriguez High School (District): 53.00%
2. Figueroa High School (District): 53.20%
3. Huang High School (District): 53.51%
4. Hernandez High School (District): 53.53%
5. Johnson High School (District): 53.54%

Math and Reading Scores by Grade (Averages):

Math Scores:

-Grades 9 to 12: On average, grades stay consistent throughout the four years, varying from school to school.

Math scores are generally lower than reading scores, with the range being between the mid 70s – mid 80s among all schools.

Reading Scores:

-Grades 9 to 12: On average, grades stay consistent throughout the four years, varying from school to school.

Reading scores are generally higher than math scores, with the range being between the low 80s – mid 80s among all schools.

Scores by School Spending Per Student:

* <$585: High average scores and passing rates.
* $585-630: Slightly lower scores and passing rates compared to <$585.
* $630-645: Further decrease in scores and passing rates.
* $645-680: Lowest scores and passing rates.

Scores by School Size (Number of Students):

* Small (<1000): Highest average scores and passing rates.
* Medium (1000-2000): Slightly lower average scores, but slightly higher passing rates.
* Large (2000-5000): Lowest scores and passing rates among the three categories.

Scores by School Type:

* Charter Schools: Higher average scores and passing rates compared to district schools.
* District Schools: Lower average scores and passing rates compared to charter schools.

Two Noticeable Facts

1. All top performing schools are Charter type schools, whereas all lowest performing schools are District schools. Whereas increasing spending per student does not indicate an increase in scores, smaller student populations do seem to have an impact. Schools under 2000 students seem to have relatively similar scores and passing rates but increasing the population of the school into a larger population over 2000 seems to have a dramatic impact on overall scores.
2. Across all schools and across all grades, reading scores on average and the percentage of students passing reading is higher than the average scores and the percentage of students passing math, regardless is a school is small, large, heavily funded, or a charter/district school.