

Analysis Report

Overall Analytical Summary:

In this analysis, the correlation between school size and grades is investigated, and each school's grades are investigated. First of all, the average scores of readings and math were different from the results of comparing school sizes and grades. According to the results, larger schools recorded lower average scores than smaller schools. Next, when comparing each school, Cabrera and Griffin showed excellent results in all indicators. Next, when comparing each school, Cabrera and Griffin showed excellent results in all indicators. We will see detailed figures and results together with the contents below.

Conclusions or comparisons from the calculations:

When comparing grades according to school size, the average number of small schools with less than 1,000 students scored 82.1 points, the average reading score was 83.6 points, and the overall passing rate was 88.7 percent. On the other hand, the average math score for large schools with more than 1,000 students was 77.5 points, the average reading score was 79.8, and the overall passing rate was 83.2 percent. What these results show is that smaller schools have higher average scores and passing rates than larger schools. The significant results indicate that academic performance can be affected by the size of the school.

Next, I will analyze each school's academic achievement and educational quality using the following figures.

1. The average math score by school was Bailey: 628, Cabrera: 582, Figueroa: 639, Ford: 644, and Griffin: 625.
2. The average diary score by school was Bailey: 631, Cabrera: 588, Figueroa: 640,

Ford: 642, Griffin: 627.

3. Based on math scores, the percentage of students with a score of 70 or higher by school was found to be Bailey: 66.68%, Cabrera: 94.13%, Figueroa: 37%, Ford: 38.9%, and Griffin: 91.88%.
4. Based on reading scores, the percentage of students with a score of 70 or higher by school was found to be Bailey: 79.3%, Cabrera: 97%, Figueroa: 53.4%, Ford: 58.7%, and Griffin: 97.3%.
5. Students with a math and reading score of 70 or higher passed the total number of tests in Bailey: 54.6%, Cabrera: 95%, Figueroa: 28.7%, Ford: 29.8%, and Griffin: 93%.

In conclusion, Cabrera and Griffin showed excellent results in all indicators. Both scored evenly in math and reading scores, and the percentage of students with 70 or higher and the percentage of students who passed overall were also high. Bailey had a relatively high passing rate, while the low passing rate resulted in a gap in academic achievement. Finally, both Figueroa and Ford showed low passing rates and average scores, and it seems that improvement is needed.