**Comprehensive Analysis Report on District-Wide Standardized Test Results Based on Schools**

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**Overview**

This report offers a comprehensive analysis of district-wide standardized test results to inform strategic planning, budgeting, and improvement initiatives for schools across the district. Focusing on performance metrics, such as average math and reading scores, passing rates, and per-student funding, the report compares charter and district school performances. Additionally, it highlights the highest- and lowest-performing schools to identify effective practices and areas requiring support.

**Objectives**

The primary objectives of this analysis are to:

1. Assess school performance through average math and reading scores.
2. Identify the percentage of students meeting passing criteria on standardized tests.
3. Prioritize schools for resource allocation based on performance trends.

**Key Data Overview**

**District Summary**

• **Total Schools:** 15

• **Total Students:** 39,170

• **Total Budget:** $24,649,428

• **Average Math Score:** 78.99

• **Average Reading Score:** 81.88

• **Percentage Passing Math:** 74.98%

• **Percentage Passing Reading:** 85.81%

• **Overall Passing Rate (Both Subjects):** 65.17%

These figures provide an overview of district-wide student performance and resource allocation, setting a foundation for analyzing trends by school type.

**School Summary by Type**

The district includes 15 schools, of which:

• 7 are **district** (public) schools.

• 8 are **charter** schools, managed independently.

**Performance Overview: Charter vs. District Schools**

**Charter Schools**

* Charter schools generally show higher average scores in both math and reading, with scores ranging from 83 to 84.
* **Passing Rates:** Charter schools maintain high passing rates, with overall rates around or above 90% in both subjects.

**District Schools**

* District schools typically have lower average scores and passing rates, with scores between 76 and 81.
* **Passing Rates:** Passing rates for district schools range from ***52% to 55%,*** indicating challenges in meeting proficiency levels in standardized assessments.

**Performance Analysis:** Highest- and Lowest-Performing Schools

Identifying the top- and bottom-performing schools offers insight into successful practices and areas needing intervention.

**Top 5 Highest-Performing Schools (by % Overall Passing)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School Name** | **Type** | **Total Students** | **Total Budget** | **Per Student Budget** | **Avg Math Score** | **Avg Reading Score** | **% Passing Math** | **% Passing Reading** | **% Overall Passing** |
| Cabrera High School | Charter | 1,858 | $1,081,356.00 | $582.00 | 83.06 | 83.98 | 94.13 | 97.04 | 91.33 |
| Thomas High School | Charter | 1,635 | $1,043,130.00 | $638.00 | 83.42 | 83.85 | 93.27 | 97.31 | 90.95 |
| Griffin High School | Charter | 1,468 | $917,500.00 | $625.00 | 83.35 | 83.82 | 93.39 | 97.14 | 90.60 |
| Wilson High School | Charter | 2,283 | $1,319,574.00 | $578.00 | 83.27 | 83.99 | 93.87 | 96.54 | 90.58 |
| Pena High School | Charter | 962 | $585,858.00 | $609.00 | 83.84 | 84.04 | 94.59 | 95.95 | 90.54 |

Table Comprehensive Analysis Report on District-Wide Standardized Test Results

**Bottom 5 Lowest-Performing Schools (by % Overall Passing)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School Name** | **Type** | **Total Students** | **Total Budget** | **Per Student Budget** | **Avg Math Score** | **Avg Reading Score** | **% Passing Math** | **% Passing Reading** | **% Overall Passing** |
| Rodriguez High School | District | 3,999 | $2,547,363.00 | $637.00 | 76.84 | 80.74 | 66.37 | 80.22 | 52.99 |
| Figueroa High School | District | 2,949 | $1,884,411.00 | $639.00 | 76.71 | 81.16 | 65.99 | 80.74 | 53.20 |
| Huang High School | District | 2,917 | $1,910,635.00 | $655.00 | 76.63 | 81.18 | 65.68 | 81.32 | 53.51 |
| Hernandez High School | District | 4,635 | $3,022,020.00 | $652.00 | 77.29 | 80.93 | 66.75 | 80.86 | 53.53 |
| Johnson High School | District | 4,761 | $3,094,650.00 | $650.00 | 77.07 | 80.97 | 66.06 | 81.22 | 53.54 |

Table : 5 Lowest-Performing Schools (by % Overall Passing)

**Resource Allocation Analysis: Per-Student Budget**

***Charter Schools***

* Charter schools operate with slightly lower per-student budgets, ranging from $578 to $638.
* Despite lower budgets, these schools consistently perform well, suggesting efficient resource utilization.

***District Schools***

* District schools typically have higher per-student budgets, from $628 to $655.
* Their lower performance across standardized measures may indicate inefficiencies in resource allocation.

**Key Observations**

1. **Charter Schools Excel with Lower Funding:** Charter schools outperform district schools across metrics despite operating with lower per-student funding.
2. **Potential Inefficiencies in District Schools** District schools, with higher funding, show lower performance, suggesting potential inefficiencies in resource allocation or instructional practices.
3. **High-Performing Schools Share Common Characteristics:** The top-performing schools, all charter schools, reflect strong academic outcomes, indicating that charter school strategies could benefit district schools.

**Conclusion**

The analysis reveals that charter schools generally achieve superior standardized test outcomes while operating with less per-student funding. This suggests effective resource management within charter schools. District schools may benefit from adopting successful strategies observed in charter schools, optimizing resource use to improve educational outcomes. It is recommended that the district explore policies and reforms to better support district schools, focusing on efficient resource allocation and improved academic performance.