PyCity School Analysis

# Results

## Local Government Area

In the analysis of the school and student data, key metrics were calculated to provide a foundational understanding of the educational landscape within the PyCity district. The following are the results derived from the data:  
  
- Total Schools: There are 15 schools listed in the dataset.  
- Total Students: There are 39,170 students listed in the dataset.  
- Total Budget: The total budget for the 15 schools is $24,649,428.00.  
  
- Total Average Maths Score: The total average maths score is 70.34%.  
- Total Average Reading Score: The total average reading score is 69.98%.  
  
- % Passing Maths: The percentage of total students that passed maths is 86.08%.  
- % Passing Reading: The percentage of total students that passed reading is 84.43%.  
- % Overall Passing: The percentage of total students that passed both maths AND reading is 72.81%.

## Local Government Area Overview

Table 1: Overview of Total Schools, Students, and Budgets within the Local Government Area.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Total Schools | Total Students | Total Budget | Average Maths Score | Average Reading Score | Passing Maths | Passing Reading | Overall Passing |
| 15 | 39,170 | $24,649,428.00 | 70.34% | 69.98% | 86.08% | 84.43% | 72.81% |

## Detailed School Summary

Table 2: Comprehensive Summary of All Schools within the Local Government Area.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Index | School Type | Total Students | Total School Budget | Per Student Budget | Average Maths Score | Average Reading Score | % Passing Maths | % Passing Reading | % Overall Passing |
| Bailey High School | Government | 4976 | $3,124,928.00 | $628.00 | 72.35 | 71.01 | 91.64 | 87.38 | 80.08 |
| Cabrera High School | Independent | 1858 | $1,081,356.00 | $582.00 | 71.66 | 71.36 | 90.85 | 89.07 | 80.79 |
| Figueroa High School | Government | 2949 | $1,884,411.00 | $639.00 | 68.70 | 69.08 | 81.65 | 82.81 | 67.65 |
| Ford High School | Government | 2739 | $1,763,916.00 | $644.00 | 69.09 | 69.57 | 82.44 | 82.22 | 67.47 |
| Griffin High School | Independent | 1468 | $917,500.00 | $625.00 | 71.79 | 71.25 | 91.21 | 88.49 | 81.34 |
| Hernandez High School | Government | 4635 | $3,022,020.00 | $652.00 | 68.87 | 69.19 | 80.95 | 81.88 | 66.36 |
| Holden High School | Independent | 427 | $248,087.00 | $581.00 | 72.58 | 71.66 | 89.93 | 88.52 | 78.92 |
| Huang High School | Government | 2917 | $1,910,635.00 | $655.00 | 68.94 | 68.91 | 81.69 | 81.45 | 66.71 |
| Johnson High School | Government | 4761 | $3,094,650.00 | $650.00 | 68.84 | 69.04 | 82.06 | 81.98 | 67.19 |
| Pena High School | Independent | 962 | $585,858.00 | $609.00 | 72.09 | 71.61 | 91.68 | 86.59 | 79.21 |
| Rodriguez High School | Government | 3999 | $2,547,363.00 | $637.00 | 72.05 | 70.94 | 90.80 | 87.40 | 79.42 |
| Shelton High School | Independent | 1761 | $1,056,600.00 | $600.00 | 72.03 | 70.26 | 91.54 | 86.71 | 78.88 |
| Thomas High School | Independent | 1635 | $1,043,130.00 | $638.00 | 69.58 | 69.77 | 83.85 | 82.63 | 69.48 |
| Wilson High School | Independent | 2283 | $1,319,574.00 | $578.00 | 69.17 | 68.88 | 82.79 | 81.30 | 67.46 |
| Wright High School | Independent | 1800 | $1,049,400.00 | $583.00 | 72.05 | 70.97 | 91.78 | 86.67 | 79.72 |

## Top-Performing Schools

Table 3: The Top Five Performing Schools in the Local Government Area.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Index | School Type | Total Students | Total School Budget | Per Student Budget | Average Maths Score | Average Reading Score | % Passing Maths | % Passing Reading | % Overall Passing |
| Griffin High School | Independent | 1468 | $917,500.00 | $625.00 | 71.79 | 71.25 | 91.21 | 88.49 | 81.34 |
| Cabrera High School | Independent | 1858 | $1,081,356.00 | $582.00 | 71.66 | 71.36 | 90.85 | 89.07 | 80.79 |
| Bailey High School | Government | 4976 | $3,124,928.00 | $628.00 | 72.35 | 71.01 | 91.64 | 87.38 | 80.08 |
| Wright High School | Independent | 1800 | $1,049,400.00 | $583.00 | 72.05 | 70.97 | 91.78 | 86.67 | 79.72 |
| Rodriguez High School | Government | 3999 | $2,547,363.00 | $637.00 | 72.05 | 70.94 | 90.80 | 87.40 | 79.42 |

## Bottom-Performing Schools

Table 4: The Bottom Five Performing Schools in the Local Government Area.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Index | School Type | Total Students | Total School Budget | Per Student Budget | Average Maths Score | Average Reading Score | % Passing Maths | % Passing Reading | % Overall Passing |
| Hernandez High School | Government | 4635 | $3,022,020.00 | $652.00 | 68.87 | 69.19 | 80.95 | 81.88 | 66.36 |
| Huang High School | Government | 2917 | $1,910,635.00 | $655.00 | 68.94 | 68.91 | 81.69 | 81.45 | 66.71 |
| Johnson High School | Government | 4761 | $3,094,650.00 | $650.00 | 68.84 | 69.04 | 82.06 | 81.98 | 67.19 |
| Wilson High School | Independent | 2283 | $1,319,574.00 | $578.00 | 69.17 | 68.88 | 82.79 | 81.30 | 67.46 |
| Ford High School | Government | 2739 | $1,763,916.00 | $644.00 | 69.09 | 69.57 | 82.44 | 82.22 | 67.47 |

## Mathematics Performance by Year

Table 5: Annual Mathematics Scores Across Schools in the Local Government Area.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Index | Year Nine | Year Ten | Year Eleven | Year Twelve |
| Bailey High School | 72.49% | 71.90% | 72.37% | 72.68% |
| Cabrera High School | 72.32% | 72.44% | 71.01% | 70.60% |
| Figueroa High School | 68.48% | 68.33% | 68.81% | 69.33% |
| Ford High School | 69.02% | 69.39% | 69.25% | 68.62% |
| Griffin High School | 72.79% | 71.09% | 71.69% | 71.47% |
| Hernandez High School | 68.59% | 68.87% | 69.15% | 68.99% |
| Holden High School | 70.54% | 75.11% | 71.64% | 73.41% |
| Huang High School | 69.08% | 68.53% | 69.43% | 68.64% |
| Johnson High School | 69.47% | 67.99% | 68.64% | 69.29% |
| Pena High School | 72.00% | 72.40% | 72.52% | 71.19% |
| Rodriguez High School | 71.94% | 71.78% | 72.36% | 72.15% |
| Shelton High School | 72.93% | 72.51% | 70.10% | 72.33% |
| Thomas High School | 69.23% | 70.06% | 69.66% | 69.37% |
| Wilson High School | 69.21% | 69.46% | 68.38% | 69.79% |
| Wright High School | 71.74% | 72.18% | 73.28% | 70.85% |

## Reading Performance by Year

Table 6: Annual Reading Scores Across Schools in the Local Government Area.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Index | Year Nine | Year Ten | Year Eleven | Year Twelve |
| Bailey High School | 70.90% | 70.85% | 70.32% | 72.20% |
| Cabrera High School | 71.17% | 71.33% | 71.20% | 71.86% |
| Figueroa High School | 70.26% | 67.68% | 69.15% | 69.08% |
| Ford High School | 69.62% | 68.99% | 70.74% | 68.85% |
| Griffin High School | 72.03% | 70.75% | 72.39% | 69.43% |
| Hernandez High School | 68.48% | 70.62% | 68.42% | 69.24% |
| Holden High School | 71.60% | 71.10% | 73.31% | 70.48% |
| Huang High School | 68.67% | 69.52% | 68.74% | 68.67% |
| Johnson High School | 68.72% | 69.30% | 69.97% | 67.99% |
| Pena High School | 70.95% | 72.32% | 71.70% | 71.51% |
| Rodriguez High School | 70.90% | 70.14% | 71.42% | 71.41% |
| Shelton High School | 70.72% | 69.88% | 71.15% | 69.07% |
| Thomas High School | 69.67% | 69.74% | 70.75% | 68.73% |
| Wilson High School | 68.68% | 68.41% | 68.80% | 69.89% |
| Wright High School | 71.82% | 71.39% | 70.48% | 69.82% |

## Performance by School Spending

Table 7: Academic Performance by Spending Category per Student.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Index | Average Maths Score | Average Reading Score | % Passing Maths | % Passing Reading | % Overall Passing |
| <$585 | 71.36 | 70.72 | 88.84 | 86.39 | 76.72 |
| $585-630 | 72.07 | 71.03 | 91.52 | 87.29 | 79.88 |
| $630-645 | 69.85 | 69.84 | 84.69 | 83.76 | 71.00 |
| $645-680 | 68.88 | 69.05 | 81.57 | 81.77 | 66.76 |

## Performance by School Size

Table 8: Academic Performance by School Size Categories.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Index | Average Maths Score | Average Reading Score | % Passing Maths | % Passing Reading | % Overall Passing |
| Small (<1000) | 72.34 | 71.64 | 90.81 | 87.56 | 79.07 |
| Medium (1000-2000) | 71.42 | 70.72 | 89.85 | 86.71 | 78.04 |
| Large (2000-5000) | 69.75 | 69.58 | 84.25 | 83.30 | 70.29 |

## Performance by School Type

Table 9: Comparison of Academic Performance Between Government and Independent Schools.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Index | Average Maths Score | Average Reading Score | % Passing Maths | % Passing Reading | % Overall Passing |
| Government | 69.83 | 69.68 | 84.46 | 83.59 | 70.70 |
| Independent | 71.37 | 70.72 | 89.20 | 86.25 | 76.97 |

## Summary of Performance by Spend, Size and Type

Table 10: Complete Comparison of Academic Performance by Spend, Size and Type.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Index | % Overall Passing | School Type | Spending Ranges (Per Student) | School Size | Average Maths Score | Average Reading Score | % Passing Maths | % Passing Reading |
| Hernandez High School | 66.36 | Government | $645-680 | Large (2000-5000) | 68.87 | 69.19 | 80.95 | 81.88 |
| Huang High School | 66.71 | Government | $645-680 | Large (2000-5000) | 68.94 | 68.91 | 81.69 | 81.45 |
| Johnson High School | 67.19 | Government | $645-680 | Large (2000-5000) | 68.84 | 69.04 | 82.06 | 81.98 |
| Wilson High School | 67.46 | Independent | <$585 | Large (2000-5000) | 69.17 | 68.88 | 82.79 | 81.30 |
| Ford High School | 67.47 | Government | $630-645 | Large (2000-5000) | 69.09 | 69.57 | 82.44 | 82.22 |
| Figueroa High School | 67.65 | Government | $630-645 | Large (2000-5000) | 68.70 | 69.08 | 81.65 | 82.81 |
| Thomas High School | 69.48 | Independent | $630-645 | Medium (1000-2000) | 69.58 | 69.77 | 83.85 | 82.63 |
| Shelton High School | 78.88 | Independent | $585-630 | Medium (1000-2000) | 72.03 | 70.26 | 91.54 | 86.71 |
| Holden High School | 78.92 | Independent | <$585 | Small (<1000) | 72.58 | 71.66 | 89.93 | 88.52 |
| Pena High School | 79.21 | Independent | $585-630 | Small (<1000) | 72.09 | 71.61 | 91.68 | 86.59 |
| Rodriguez High School | 79.42 | Government | $630-645 | Large (2000-5000) | 72.05 | 70.94 | 90.80 | 87.40 |
| Wright High School | 79.72 | Independent | <$585 | Medium (1000-2000) | 72.05 | 70.97 | 91.78 | 86.67 |
| Bailey High School | 80.08 | Government | $585-630 | Large (2000-5000) | 72.35 | 71.01 | 91.64 | 87.38 |
| Cabrera High School | 80.79 | Independent | <$585 | Medium (1000-2000) | 71.66 | 71.36 | 90.85 | 89.07 |
| Griffin High School | 81.34 | Independent | $585-630 | Medium (1000-2000) | 71.79 | 71.25 | 91.21 | 88.49 |