Performance Analysis - Academy of PY

1. Per Student Budget is not a key measure of school performance. In fact, schools with the highest Per Student Budget are at the lowest rank based on Overall Passing Rate.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School Name** | **Total Students** | **Total School Budget** | **Average Reading Score** | **Average Math Score** | **% Passing Math** | **% Passing Reading** | **Overall Passing Rate** | **Per Student Budget** |
| Cabrera High School | 1858 | 1081356 | 83.98 | 83.06 | 94.13 | 97.04 | 95.59 | 582 |
| Thomas High School | 1635 | 1043130 | 83.85 | 83.42 | 93.27 | 97.31 | 95.29 | 638 |
| Griffin High School | 1468 | 917500 | 83.82 | 83.35 | 93.39 | 97.14 | 95.27 | 625 |
| Pena High School | 962 | 585858 | 84.04 | 83.84 | 94.59 | 95.95 | 95.27 | 609 |
| Wilson High School | 2283 | 1319574 | 83.99 | 83.27 | 93.87 | 96.54 | 95.2 | 578 |
| Wright High School | 1800 | 1049400 | 83.96 | 83.68 | 93.33 | 96.61 | 94.97 | 583 |
| Shelton High School | 1761 | 1056600 | 83.73 | 83.36 | 93.87 | 95.85 | 94.86 | 600 |
| Holden High School | 427 | 248087 | 83.81 | 83.8 | 92.51 | 96.25 | 94.38 | 581 |
| Bailey High School | 4976 | 3124928 | 81.03 | 77.05 | 66.68 | 81.93 | 74.31 | 628 |
| Hernandez High School | 4635 | 3022020 | 80.93 | 77.29 | 66.75 | 80.86 | 73.81 | 652 |
| Ford High School | 2739 | 1763916 | 80.75 | 77.1 | 68.31 | 79.3 | 73.8 | 644 |
| Johnson High School | 4761 | 3094650 | 80.97 | 77.07 | 66.06 | 81.22 | 73.64 | 650 |
| Huang High School | 2917 | 1910635 | 81.18 | 76.63 | 65.68 | 81.32 | 73.5 | 655 |
| Figueroa High School | 2949 | 1884411 | 81.16 | 76.71 | 65.99 | 80.74 | 73.36 | 639 |
| Rodriguez High School | 3999 | 2547363 | 80.74 | 76.84 | 66.37 | 80.22 | 73.29 | 637 |

1. Math shows to have more influence on school’s low performance compared to Reading.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School Name** | **Total Students** | **Total School Budget** | **Average Reading Score** | **Average Math Score** | **% Passing Math** | **% Passing Reading** | **Overall Passing Rate** | **Per Student Budget** |
| Cabrera High School | 1858 | 1081356 | 83.98 | 83.06 | 94.13 | 97.04 | 95.59 | 582 |
| Thomas High School | 1635 | 1043130 | 83.85 | 83.42 | 93.27 | 97.31 | 95.29 | 638 |
| Griffin High School | 1468 | 917500 | 83.82 | 83.35 | 93.39 | 97.14 | 95.27 | 625 |
| Pena High School | 962 | 585858 | 84.04 | 83.84 | 94.59 | 95.95 | 95.27 | 609 |
| Wilson High School | 2283 | 1319574 | 83.99 | 83.27 | 93.87 | 96.54 | 95.2 | 578 |
| Wright High School | 1800 | 1049400 | 83.96 | 83.68 | 93.33 | 96.61 | 94.97 | 583 |
| Shelton High School | 1761 | 1056600 | 83.73 | 83.36 | 93.87 | 95.85 | 94.86 | 600 |
| Holden High School | 427 | 248087 | 83.81 | 83.8 | 92.51 | 96.25 | 94.38 | 581 |
| Bailey High School | 4976 | 3124928 | 81.03 | 77.05 | 66.68 | 81.93 | 74.31 | 628 |
| Hernandez High School | 4635 | 3022020 | 80.93 | 77.29 | 66.75 | 80.86 | 73.81 | 652 |
| Ford High School | 2739 | 1763916 | 80.75 | 77.1 | 68.31 | 79.3 | 73.8 | 644 |
| Johnson High School | 4761 | 3094650 | 80.97 | 77.07 | 66.06 | 81.22 | 73.64 | 650 |
| Huang High School | 2917 | 1910635 | 81.18 | 76.63 | 65.68 | 81.32 | 73.5 | 655 |
| Figueroa High School | 2949 | 1884411 | 81.16 | 76.71 | 65.99 | 80.74 | 73.36 | 639 |
| Rodriguez High School | 3999 | 2547363 | 80.74 | 76.84 | 66.37 | 80.22 | 73.29 | 637 |

1. Large schools appear to have the lowest score on both Reading and Math

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **School Size** | **Avg Reading Score** | **Avg Math Score** | **% Passing Math** | **% Passing Reading** | **Overall Passing Rate** |
| Large(2000-5000) | 81.198674 | 77.477597 | 68.65238 | 82.125158 | 75.388769 |
| Medium(1000-2000) | 83.867989 | 83.372682 | 93.616522 | 96.773058 | 95.19479 |
| Small(<1000) | 83.974082 | 83.828654 | 93.952484 | 96.040317 | 94.9964 |

1. Charter schools show higher passing performance with a significant difference against District schools

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **type** | **Total Students** | **Avg Reading Score** | **Avg Math Score** | **MathPassed** | **ReadPassed** | **% Passing Math** | **% Passing Reading** | **Overall Passing Rate** |
| Charter | 12194 | 83.902821 | 83.406183 | 11426 | 11785 | 93.701821 | 96.645891 | 95.173856 |
| District | 26976 | 80.962485 | 76.987026 | 17944 | 21825 | 66.518387 | 80.905249 | 73.711818 |