**PyCity Schools Summary**

1. The overall passing rate, including both passing math rate, and passing reading rate are higher for charter schools than district schools and indicated in Table 9. Top 5 performing schools are all charter schools and bottom 5 performing schools are all district schools.
2. There is an inverse relationship between performance and spending per student (School budget divided by school size). The schools with lower spending per students outperform those schools that spend more per student as illustrated by Table 7.
3. Smaller and medium size schools, (Small is less than 1000 students per school, and Medium is between 1000 and 2000 students per school) outperform larger schools with student population between 2000-5000. This may be consistent with the second observation above, where all other things being equal, less money is spent per student. It may also suggest, that school budget for larger schools needs to be spent more effectively.
4. Lastly, performance as defined by percentage passing math and reading, seems to be consistent across all high school grades (9th through 12th) regardless of which school, as illustrated in Tables 5 and 6.

**Table 1: PyCity Schools District Summary:**

|  |  |
| --- | --- |
| **Metric** | **Value** |
| Total number of schools | 15 |
| Total number of students | 39,170 |
| Total budget | $ 24,649,428.00 |
| Average math score | 78.99 |
| Average reading score | 81.88 |
| Overall average score | 80.43 |
| % Students who passed math | 75% |
| % Students who passed reading | 86% |

**Table 2: PyCity Schools School Summary:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School Name** | **School Type** | **Total Students** | **Total School Budget** | **Per Student Budget** | **Average Math Score** | **Average Reading Score** | **% Passing Math** | **% Passing Reading** | **Overall Passing Rate** |
| Huang High School | District | 2917 | $ 1,910,635 | $ 655 | 76.629 | 81.183 | 65.68% | 81.32% | 73.50% |
| Figueroa High School | District | 2949 | $ 1,884,411 | $ 639 | 76.712 | 81.158 | 65.99% | 80.74% | 73.36% |
| Shelton High School | Charter | 1761 | $ 1,056,600 | $ 600 | 83.359 | 83.726 | 93.87% | 95.85% | 94.86% |
| Hernandez High School | District | 4635 | $ 3,022,020 | $ 652 | 77.290 | 80.934 | 66.75% | 80.86% | 73.81% |
| Griffin High School | Charter | 1468 | $ 917,500 | $ 625 | 83.351 | 83.817 | 93.39% | 97.14% | 95.27% |
| Wilson High School | Charter | 2283 | $ 1,319,574 | $ 578 | 83.274 | 83.989 | 93.87% | 96.54% | 95.20% |
| Cabrera High School | Charter | 1858 | $ 1,081,356 | $ 582 | 83.062 | 83.976 | 94.13% | 97.04% | 95.59% |
| Bailey High School | District | 4976 | $ 3,124,928 | $ 628 | 77.048 | 81.034 | 66.68% | 81.93% | 74.31% |
| Holden High School | Charter | 427 | $ 248,087 | $ 581 | 83.803 | 83.815 | 92.51% | 96.25% | 94.38% |
| Pena High School | Charter | 962 | $ 585,858 | $ 609 | 83.840 | 84.045 | 94.59% | 95.95% | 95.27% |
| Wright High School | Charter | 1800 | $ 1,049,400 | $ 583 | 83.682 | 83.955 | 93.33% | 96.61% | 94.97% |
| Rodriguez High School | District | 3999 | $ 2,547,363 | $ 637 | 76.843 | 80.745 | 66.37% | 80.22% | 73.29% |
| Johnson High School | District | 4761 | $ 3,094,650 | $ 650 | 77.072 | 80.966 | 66.06% | 81.22% | 73.64% |
| Ford High School | District | 2739 | $ 1,763,916 | $ 644 | 77.103 | 80.746 | 68.31% | 79.30% | 73.80% |
| Thomas High School | Charter | 1635 | $ 1,043,130 | $ 638 | 83.418 | 83.849 | 93.27% | 97.31% | 95.29% |

**Table 3: Top 5 Performing Schools (By Passing Rate)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School Name** | **School Type** | **Total Students** | **Total School Budget** | **Per Student Budget** | **Average Math Score** | **Average Reading Score** | **% Passing Math** | **% Passing Reading** | **Overall Passing Rate** |
| Cabrera High School | Charter | 1858 | $ 1,081,356 | $ 582 | 83.062 | 83.976 | 94.13% | 97.04% | 95.59% |
| Thomas High School | Charter | 1635 | $ 1,043,130 | $ 638 | 83.418 | 83.849 | 93.27% | 97.31% | 95.29% |
| Pena High School | Charter | 962 | $ 585,858 | $ 609 | 83.840 | 84.045 | 94.59% | 95.95% | 95.27% |
| Griffin High School | Charter | 1468 | $ 917,500 | $ 625 | 83.351 | 83.817 | 93.39% | 97.14% | 95.27% |
| Wilson High School | Charter | 2283 | $ 1,319,574 | $ 578 | 83.274 | 83.989 | 93.87% | 96.54% | 95.20% |

**Table 4: Bottom 5 Performing Schools (By Passing Rate)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School Name** | **School Type** | **Total Students** | **Total School Budget** | **Per Student Budget** | **Average Math Score** | **Average Reading Score** | **% Passing Math** | **% Passing Reading** | **Overall Passing Rate** |
| Rodriguez High School | District | 3999 | $ 2,547,363 | $ 637 | 76.843 | 80.745 | 0.664 | 80.220% | 73.293% |
| Figueroa High School | District | 2949 | $ 1,884,411 | $ 639 | 76.712 | 81.158 | 0.660 | 80.739% | 73.364% |
| Huang High School | District | 2917 | $ 1,910,635 | $ 655 | 76.629 | 81.183 | 0.657 | 81.316% | 73.500% |
| Johnson High School | District | 4761 | $ 3,094,650 | $ 650 | 77.072 | 80.966 | 0.661 | 81.222% | 73.640% |
| Ford High School | District | 2739 | $ 1,763,916 | $ 644 | 77.103 | 80.746 | 0.683 | 79.299% | 73.804% |

**Table 5: Math Scores by Grade**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Name** | **9th** | **10th** | **11th** | **12th** |
| **Bailey High School** | 77.08368 | 76.99677 | 77.51559 | 76.49222 |
| **Cabrera High School** | 83.0947 | 83.15451 | 82.76556 | 83.27749 |
| **Figueroa High School** | 76.40304 | 76.53997 | 76.88434 | 77.15137 |
| **Ford High School** | 77.36134 | 77.67232 | 76.91806 | 76.17996 |
| **Griffin High School** | 82.04401 | 84.22906 | 83.84211 | 83.35616 |
| **Hernandez High School** | 77.43849 | 77.33741 | 77.13603 | 77.18657 |
| **Holden High School** | 83.7874 | 83.42982 | 85 | 82.85542 |
| **Huang High School** | 77.02725 | 75.90874 | 76.4466 | 77.22564 |
| **Johnson High School** | 77.18786 | 76.69112 | 77.49165 | 76.86325 |
| **Pena High School** | 83.62545 | 83.372 | 84.32813 | 84.12155 |
| **Rodriguez High School** | 76.85997 | 76.6125 | 76.39563 | 77.69075 |
| **Shelton High School** | 83.42075 | 82.91741 | 83.3835 | 83.77898 |
| **Thomas High School** | 83.59002 | 83.08789 | 83.4988 | 83.49704 |
| **Wilson High School** | 83.08558 | 83.72442 | 83.19533 | 83.03579 |
| **Wright High School** | 83.26471 | 84.01029 | 83.83678 | 83.64499 |

**Table 6: Reading Scores by Grade**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Name** | **9th** | **10th** | **11th** | **12th** |
| **Bailey High School** | 81.30316 | 80.90718 | 80.94564 | 80.91245 |
| **Cabrera High School** | 83.67614 | 84.25322 | 83.78838 | 84.28796 |
| **Figueroa High School** | 81.1986 | 81.40891 | 80.64034 | 81.38486 |
| **Ford High School** | 80.63265 | 81.26271 | 80.40364 | 80.66234 |
| **Griffin High School** | 83.36919 | 83.7069 | 84.28809 | 84.0137 |
| **Hernandez High School** | 80.86686 | 80.66015 | 81.39614 | 80.85714 |
| **Holden High School** | 83.67717 | 83.32456 | 83.81553 | 84.6988 |
| **Huang High School** | 81.29028 | 81.51239 | 81.41748 | 80.30598 |
| **Johnson High School** | 81.26071 | 80.77343 | 80.61603 | 81.22756 |
| **Pena High School** | 83.80727 | 83.612 | 84.33594 | 84.59116 |
| **Rodriguez High School** | 80.99313 | 80.62981 | 80.86481 | 80.37643 |
| **Shelton High School** | 84.12264 | 83.44196 | 84.37379 | 82.78167 |
| **Thomas High School** | 83.72885 | 84.25416 | 83.58554 | 83.83136 |
| **Wilson High School** | 83.93978 | 84.02145 | 83.76461 | 84.31767 |
| **Wright High School** | 83.83333 | 83.81276 | 84.15632 | 84.07317 |

**Table 7: Scores by School Spending**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Spending Ranges (Per Student)** | **Average Math Score** | **Average Reading Score** | **% Passing Math** | **% Passing Reading** | **% Overall Passing Rate** |
| **<$585** | 83.36307 | 83.96404 | 93.70289 | 96.68656 | 95.19472 |
| **$585-615** | 83.5292 | 83.83841 | 94.12413 | 95.88689 | 95.00551 |
| **$615-645** | 78.06163 | 81.43409 | 71.40043 | 83.61477 | 77.5076 |
| **$645-675** | 77.0493 | 81.0056 | 66.23081 | 81.1094 | 73.6701 |

**Table 8: Scores by School Size**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **School Size** | **Average Math Score** | **Average Reading Score** | **% Passing Math** | **% Passing Reading** | **% Overall Passing Rate** |
| **Small (<1000)** | 83.82865 | 83.97408 | 93.95248 | 96.04032 | 94.9964 |
| **Medium (1000-2000)** | 83.37268 | 83.86799 | 93.61652 | 96.77306 | 95.19479 |
| **Large (2000-5000)** | 77.4776 | 81.19867 | 68.65238 | 82.12516 | 75.38877 |

**Table 9: Scores by School Type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type** | **Average Math Score** | **Average Reading Score** | **% Passing**  **Math** | **% Passing Reading** | **% Overall Passing Rate** |
| **Charter** | 83.40618 | 83.90282 | 93.70182 | 96.64589 | 95.17386 |
| **District** | 76.98703 | 80.96249 | 66.51839 | 80.90525 | 73.71182 |