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