Report by Arthi Ranganathan on City Schools

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#### 1.District Summary

#### There are 15 different schools based on the district.

#### There are total of 39170 students studying in these schools.

#### The total allocated budget for these schools is $ 24649428.

#### The Average math score is 78.9%.

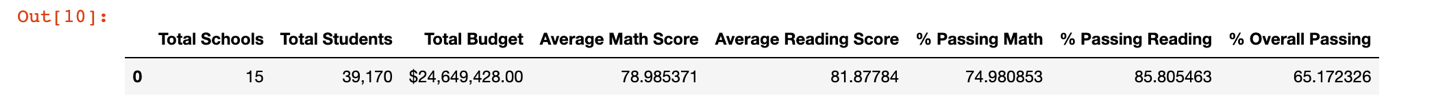
#### The Average reading score is 81.8 %.

#### The percentage of students who passed math with greater than or equal to 70 is 74.9%.

#### The percentage of students who passed reading with greater than or equal to 70 is 85.8%.

#### The percentage of students who passed math and reading is 65.1%

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#### 2.School Summary

* Baily high school got the highest number of students 4976.
* Baily high school got the highest total budget allocated at $3124928.00
* Huang High school got the highest per student budget of $655.
* Holden high school topped the average math score with 83.80 %
* Wilson High school topped the Average reading score with 84.04 %
* Pena High school has more number of student passed math by percentage 94.59 %.
* Thomas High school has more number of student passed reading by percentage 97.30 %.
* Cabrera high school topped by % overall passing at 91.33%

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1. **Highest & lowest performing schools**

* Charter schools types tops the over all passing percentage
* Pena High School has topped Average Math Score of 83.83
* Wilson High School has topped Average Reading Score of 83.98
* Pena High School has topped Passing Math Percentage of 94.59%
* Griffin High School holds top Passing Reading Percentage of 97.13%
* Cabrera High School has the over all passing Percentage of 91.33%
* District Schools types holds lowest overall passing percentage
* Huang High School also has lowest Average math score of 76.62
* Rodriguez High School has lowest 80.74 as Average reading score
* Huang High School has low Passing percentage in math 65.68
* Rodriguez High School has lowest 80.22% and 52.98% as Percentage passing in reading and over all passing percentage respectively.

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**4.Scores by Grade**

math\_scores\_by\_grade

#### Holden High School have topped 9th grader math score of 83.78

#### Figueroa High School have least math score of 76.40 among 9th graders.

#### Wright high Schools tops the board with math score of 84.01 among 10th graders

#### Huang High School has least math score among 10th grader s of 75.90

#### Rodriguez High School has lowest math score of 76.39 among 11th graders.

#### Pena High School leads with 84.32 and 84.12 as math score in 11th and 12th grades

#### Ford High School has least math score of 76.17 among 12th graders.

#### Pena High School 11th has top math score of 84.32 among all grades while Huang High School 10th grade has 75.90 as least math Score among all grades.

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#### reading\_scores\_by\_grade

#### Shelton High School has topped reading score among 9th and 11th graders with 84.12 and 84.37 respectively

#### Ford High school have least reading score of 80.63 among 9th graders and 80.40 among 11th graders

#### Rodriguez High School has least reading score of 80.62 in 10th grade

#### Thomas High School and Cabrera High Schools have topped 10th grade reading score with 84.25

#### Holden High School has 84.69 as highest reading score among 12th graders

#### Huang High School has least reading score in 12th grade with 80.30

#### Shelton High school 11th grade has highest reading score of 84.37 whereas Huang High School 12th grade has least reading score of 80.30 among all the grades.

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#### 5.Scores by School Spending

* As least per students spending range 4 schools falls in the category of <$585 and to be noted all four schools are of Charter school type.
* 3 Charter schools falls in category of second least spending of $585-$630
* Mix of district schools and charter schools 6 schools falls under the category of medium per student spending of $630-$645
* And 3 District schools falls under highest per school spending of $645-$680

Graphical user interface, table, Excel

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* By grouping students based on spending its evident students with least spending has highest over all percentage.
* It could also been as spending rate increases overall passing decreases.

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**6.Scores by School Size**

* Larger school size has mix of Charter and District Schools in 1:8 ratio and to be noted all the District Schools falls under large category.
* Charter school has mixed category of all three sizes, with medium as highest number of schools 4 schools falls in this category and followed by 2 small size schools and finally 1 large size school.

Graphical user interface, table, Excel

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* Based on size of school medium size schools have highest overall passing percentage of 90.62%
* Small size schools have overall percentage of 89.88% with difference of .81% lower than that of medium school size
* Larger schools has least overall percentage of 58.28%

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**7.Scores by School Type**

And finally based on school types, Charter school highest over all percentage which is 51.02% higher than district schools.

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**8.Conclusion**

* Based on overall passing percentage we could see a drastic difference Charter Schools and District Schools. Where Charter schools leads the board with highest performing schools where as Districts schools could be seen in bottom performing schools.
* Minimum spending student have highest overall percentage of 90.36% where as highest spending per student has 53.52%. this shows that lesser the spending higher the percentage.
* Medium sized schools has higher overall percentage of 90.62% this shows size of the school influence the overall percentage of passing.