

Summary report

District Summary				
Total Schools	Total Students	Total Budget	Average Math Score	Average Reading Score
15	39,170	\$24,649,428.00	78.985371	81.87784
% Passing Math	% Passing Reading	% Overall Passing		
74.980853	85.805463	65.172326		

District Summary: The district has a total of 15 schools and a student population of 39,170. The total budget for all schools in the district is \$24,649,428 with an average budget per student of \$628.

The average math score in the district is 78.99 and the average reading score is 81.88. 74.98% of students in the district passed math and 85.81% of students passed reading. The overall passing rate for the district is 65.17%.

	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
school_name									
Bailey High School	District	4976	\$3,124,928.00	\$628.00	77.048432	81.033963	66.680064	81.933280	54.642283
Cabrera High School	Charter	1858	\$1,081,356.00	\$582.00	83.061895	83.975780	94.133477	97.039828	91.334769
Figueroa High School	District	2949	\$1,884,411.00	\$639.00	76.711767	81.158020	65.988471	80.739234	53.204476
Ford High School	District	2739	\$1,763,916.00	\$644.00	77.102592	80.746258	68.309602	79.299014	54.289887
Griffin High School	Charter	1468	\$917,500.00	\$625.00	83.351499	83.816757	93.392371	97.138965	90.599455
Hernandez High School	District	4635	\$3,022,020.00	\$652.00	77.289752	80.934412	66.752967	80.862999	53.527508
Holden High School	Charter	427	\$248,087.00	\$581.00	83.803279	83.814988	92.505855	96.252927	89.227166
Huang High School	District	2917	\$1,910,635.00	\$655.00	76.629414	81.182722	65.683922	81.316421	53.513884
Johnson High School	District	4761	\$3,094,650.00	\$650.00	77.072464	80.966394	66.057551	81.222432	53.539172
Pena High School	Charter	962	\$585,858.00	\$609.00	83.839917	84.044699	94.594595	95.945946	90.540541
Rodriguez High School	District	3999	\$2,547,363.00	\$637.00	76.842711	80.744686	66.366592	80.220055	52.988247
Shelton High School	Charter	1761	\$1,056,600.00	\$600.00	83.359455	83.725724	93.867121	95.854628	89.892107
Thomas High School	Charter	1635	\$1,043,130.00	\$638.00	83.418349	83.848930	93.272171	97.308869	90.948012
Wilson High School	Charter	2283	\$1,319,574.00	\$578.00	83.274201	83.989488	93.867718	96.539641	90.582567
Wright High School	Charter	1800	\$1,049,400.00	\$583.00	83.682222	83.955000	93.333333	96.611111	90.333333

School Summary: The table shows the summary of the performance of each school in the district. It includes the school type, total number of students, total school budget, per student budget, average math score, average reading score, percentage of students passing math, percentage of students passing reading, and overall passing rate.

Based on the data, it appears that the charter schools generally have higher overall passing rates compared to district schools. This could be due to several factors, including school size, budget, and teaching methods.

However, further investigation and analysis are required to determine the exact reasons behind this trend.

It is also notable that some schools, such as Cabrera High School and Pena High School, have a high overall passing rate and also a high percentage of students passing both math and reading. These schools could be used as a model for best practices in education.

The highest performing schools, based on overall passing rate, are:

1. Cabrera High School
2. Thomas High School
3. Griffin High School
4. Wilson High School
5. Peña High School.

All of these schools are charter schools, which suggests that the type of school can play a role in overall performance. It's also worth noting that these schools have an overall passing rate of over 90%, which is higher than the average overall passing rate of the schools in this data set.

school_name	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing	Spending Ranges (Per Student)
Bailey High School	District	4976	3124928.0	628.0	77.048432	81.033963	66.680064	81.933280	54.642283	\$585-630
Cabrera High School	Charter	1858	1081356.0	582.0	83.061895	83.975780	94.133477	97.039828	91.334769	<\$585
Figueroa High School	District	2949	1884411.0	639.0	76.711767	81.158020	65.988471	80.739234	53.204476	\$630-645
Ford High School	District	2739	1763916.0	644.0	77.102592	80.746258	68.309602	79.299014	54.289887	\$630-645
Griffin High School	Charter	1468	917500.0	625.0	83.351499	83.816757	93.392371	97.138965	90.599455	\$585-630
Hernandez High School	District	4635	3022020.0	652.0	77.289752	80.934412	66.752967	80.862999	53.527508	\$645-680
Holden High School	Charter	427	248087.0	581.0	83.803279	83.814988	92.505855	96.252927	89.227166	<\$585
Huang High School	District	2917	1910635.0	655.0	76.629414	81.182722	65.683922	81.316421	53.513884	\$645-680
Johnson High School	District	4761	3094650.0	650.0	77.072464	80.966394	66.057551	81.222432	53.539172	\$645-680
Pena High School	Charter	962	585858.0	609.0	83.839917	84.044699	94.594595	95.945946	90.540541	\$585-630
Rodriguez High School	District	3999	2547363.0	637.0	76.842711	80.744686	66.366592	80.220055	52.988247	\$630-645
Shelton High School	Charter	1761	1056600.0	600.0	83.359455	83.725724	93.867121	95.854628	89.892107	\$585-630
Thomas High School	Charter	1635	1043130.0	638.0	83.418349	83.848930	93.272171	97.308869	90.948012	\$630-645
Wilson High School	Charter	2283	1319574.0	578.0	83.274201	83.989488	93.867718	96.539641	90.582567	<\$585
Wright High School	Charter	1800	1049400.0	583.0	83.682222	83.955000	93.333333	96.611111	90.333333	<\$585

This table displays information about schools in regards to spending. The schools are grouped based on their spending ranges per student (per student budget column) into 3 categories: <\$585, \$585-630, and \$630-645.

Each school has a school type (District or Charter), a total number of students, a total school budget, a per student budget, average math score, average reading score, percentage of students passing math, percentage of students passing reading, and overall passing percentage.

The overall passing percentage is the percentage of students who passed both math and reading. It appears that schools with a lower per student budget (less than \$585) tend to have a higher overall passing percentage, while schools with a higher per student budget (\$630-645) tend to have a lower overall passing percentage. However, this may not be the only factor

affecting student performance and further analysis would be needed to make a conclusion.

Based on the table, it seems that schools with a per student budget of less than \$585 have the highest average math and reading scores, as well as the highest percentages of students passing math, reading, and overall. Schools with a per student budget between \$630 and \$645 have the lowest average scores and the lowest percentages of students passing math, reading, and overall. Schools with a per student budget of \$585-630 and \$645-680 have similar average scores and passing percentages, with schools in the \$585-630 range having slightly higher average scores and passing percentages.

school_name	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing	Spending Ranges (Per Student)	School Size
Bailey High School	District	4976	3124928.0	628.0	77.048432	81.033963	66.680064	81.933280	54.642283	\$585-630	Large (2000-5000)
Cabrera High School	Charter	1858	1081356.0	582.0	83.061895	83.975780	94.133477	97.039828	91.334769	<\$585	Medium (1000-2000)
Figueroa High School	District	2949	1884411.0	639.0	76.711767	81.158020	65.988471	80.739234	53.204476	\$630-645	Large (2000-5000)
Ford High School	District	2739	1763916.0	644.0	77.102592	80.746258	68.309602	79.299014	54.289887	\$630-645	Large (2000-5000)
Griffin High School	Charter	1468	917500.0	625.0	83.351499	83.816757	93.392371	97.138965	90.599455	\$585-630	Medium (1000-2000)
Hernandez High School	District	4635	3022020.0	652.0	77.289752	80.934412	66.752967	80.862999	53.527508	\$645-680	Large (2000-5000)
Holden High School	Charter	427	248087.0	581.0	83.803279	83.814988	92.505855	96.252927	89.227166	<\$585	Small (<1000)
Huang High School	District	2917	1910635.0	655.0	76.629414	81.182722	65.683922	81.316421	53.513884	\$645-680	Large (2000-5000)
Johnson High School	District	4761	3094650.0	650.0	77.072464	80.966394	66.057551	81.222432	53.539172	\$645-680	Large (2000-5000)
Pena High School	Charter	962	585858.0	609.0	83.839917	84.044699	94.594595	95.945946	90.540541	\$585-630	Small (<1000)
Rodriguez High School	District	3999	2547363.0	637.0	76.842711	80.744686	66.366592	80.220055	52.988247	\$630-645	Large (2000-5000)
Shelton High School	Charter	1761	1056600.0	600.0	83.359455	83.725724	93.867121	95.854628	89.892107	\$585-630	Medium (1000-2000)
Thomas High School	Charter	1635	1043130.0	638.0	83.418349	83.848930	93.272171	97.308869	90.948012	\$630-645	Medium (1000-2000)
Wilson High School	Charter	2283	1319574.0	578.0	83.274201	83.989488	93.867718	96.539641	90.582567	<\$585	Large (2000-5000)
Wright High School	Charter	1800	1049400.0	583.0	83.682222	83.955000	93.333333	96.611111	90.333333	<\$585	Medium (1000-2000)

According to the data, there are three different school sizes: Small (<1000), Medium (1000-2000), and Large (2000-5000).

Small schools seem to have a higher average math and reading score as well as higher percentages of students passing math, reading and overall, compared to medium and large schools. For example, Holden High School, Pena High School, and Wright High School all have high average math and reading scores, and high passing rates.

In the medium schools category, Cabrera High School, Griffin High School, Shelton High School, and Thomas High School are performing well, with high average math and reading scores, and high passing rates.

For large schools, the performance is mixed. Schools such as Bailey High School, Figueroa High School, Ford High School, Hernandez High School, Huang High School, Johnson High School, and Rodriguez High School have lower average math and reading scores and lower passing rates, while Wilson High School has high average scores and passing rates.

Schools with less than 1000 students (Small) have the highest average scores and passing rates for both math and reading, while schools with 2000 to 5000 students (Large) have the lowest average scores and passing rates. Schools with 1000 to 2000 students (Medium) have statistics that fall somewhere in between the other two categories.

Based on the data, it appears that charter schools generally have higher average math and reading scores, as well as higher passing percentages in both subjects, compared to district schools. The overall passing percentage is also higher in charter schools compared to district schools. This suggests that on average, students in charter schools may have better academic outcomes compared to those in district schools. However, it's important to keep in mind

that there could be many factors affecting the scores, and this data should be taken in context before making any conclusions or decisions.

Based on the school-level data analysis, we can draw the following two conclusions:

1. Charter schools outperform district schools in terms of average math and reading scores, as well as passing rates in both subjects. The average math score for charter schools is 83.47 while it is 76.96 for district schools. The average reading score for charter schools is 83.90 while it is 80.97 for district schools. The passing rate in math for charter schools is 93.62% while it is 66.55% for district schools. The passing rate in reading for charter schools is 96.59% while it is 80.80% for district schools.
2. School size has a significant impact on overall passing rates. Small schools have the highest overall passing rate of 89.88%, followed by medium schools with a 90.62% passing rate. Large schools have the lowest overall passing rate of 58.29%. This suggests that smaller schools might be more effective at promoting student success and academic achievement.