I used two spreadsheets of data to analyze performance to identify trends on passing student performance by district, school, and charter vs public, and year (9^{th}-12^{th}). I analyzed the individual sheets and combined the sheets for overall trends and comparison.

What I found was charter schools on average performed higher in every category, though had a smaller sample size compared to public schools.

School Type	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing Rate
Charter	83.473852	83.896421	93.620830	96.586489	90.432244
District	76.956733	80.966636	66.548453	80.799062	53.672208

As expected, smaller and medium sized schools performed better in each category likely due to time spent with each student.

School Size	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing Rate
Small (<1000)	83.821598	83.929843	93.550225	96.099437	89.883853
Medium (1000-2000)	83.374684	83.864438	93.599695	96.790680	90.621535
Large (2000-5000)	77.746417	81.344493	69.963361	82.766634	58.286003

An unexpected trend was less schools with lower per capita was correlated to higher passing rates. Reasons could be spending =/= performance, raising a question of where the money is allocated, and sample size. An interesting point to examine would be spending ranges by school type.

Spending Ranges (Per Student)	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing Rate
<$585	83.455399	83.933814	93.460096	96.610877	90.369459
$585-630	81.899826	83.155286	87.133538	92.718205	81.418596
$630-645	78.518855	81.624473	73.484209	84.391793	62.857656
$645-680	76.997210	81.027843	66.164813	81.133951	53.526855