

PyCitySchools Analysis

Previously, data from a school district was analyzed to provide insight into the performance on several schools based on test scores in math and reading, funding, population, and other strata. Unfortunately, the scores of the ninth-grade class at Thomas High School have been changed and another analysis had to be done to uphold the standards of state testing.

Based on the new analysis that was prepared there were changes that occurred in specific areas.

For the overall district analysis, there were minimal changes to the scores. The overall passing percentage went from 65% to 64%, with the passing rate in reading and math going down by 1%.

For the school analysis summary, there were obvious changes that occurred for the data regarding Thomas High School. The overall passing rate went from 91% to 65% with students' readings rates going from 97% to 70% and math rates going from 93% to 67%.

This affected Thomas High School's performance in relation to the other schools by losing its second place spot in the top performing schools.

In terms of the average math and reading scores by grade, since the ninth-grade scores were the only scores not considered, the other grades' scores remained the same.

Since, Thomas High School's budget per student was between \$630 to \$644, the overall passing rate for schools within this spending range decreased from 63% to 56% with math scores decreasing by 6% and reading scores decreasing by 7%.

Similarly, since Thomas High School is a medium sized school, the overall passing rate for medium sized schools decreased from 91% to 85% with both reading and writing scores decreasing by 6%.

Charter school's overall passing rate decreased from 90% to 87%, with both reading and math scores decreasing by 4%.

Overall, due to the changes made from removing the ninth grades scores from Thomas High School out of the analysis, it seems math and reading scores decreased at the same rate. It also implies that the ninth grade scores that were initially provided, made a big impact on Thomas High School's overall performance.