**PyCity School Analysis (draft)**

**Overview of the school district Analysis**

The purpose of this analysis was to assist PyCity schools school board in investigating academic dishonesty and revise the school district analysis to reflect the removed questionable scores as they want to uphold state-testing standards. Our method is to replace the math and reading scores for Thomas High School with Non (null) score while keeping the rest of the data intact and providing a completely new district analysis.

**Results**

How is the district summary affected?

Passing percentages went down

Math 74.98% -> 74.76%

Reading 85.80% -> 85.65%

Overall passing 65.17% ->64.09%

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| **Thomas High School** | Charter | 1635 | $1,043,130.00 | $638.00 | 83.418349 | 83.848930 | 93.272171 | 97.308869 | 90.948012 |
| **Thomas High School** | Charter | 1174 | $1,043,130.00 | $888.53 | 83.350937 | 83.896082 | 93.185690 | 97.018739 | 90.630324 |

*How is the school summary affected?*

Overall passing went down from 90.94% to 90.64%

Overall reading passing % went down from 97.31% to 97.02%

Over math passing % math went down from 93.27% to 93.18

Avg math score slightly changed from 83.42 to 83.35 and avg reading went up from 83.90 to 83.90

*How does replacing the ninth graders’ math and reading scores affect Thomas High School’s performance relative to the other schools?*

The relative ranking of Thomas fell from 2nd to 14th

*How does replacing the ninth-grade scores affect the following:*

The replacing of the 9th grade scores barely affects the averages.

*Scores by school spending*:

*Scores by school size*

Thomas HS is in the "Medium (1000-2000)" size bucket

Removing 9th grade scores reduces the "% Passing Math", "% Passing Reading" and "% Overall Passing" in the following way:

BEFORE:94, 97, 91

AFTER: 88, 91, 85

Scores by school type

* Summary:
  + There is a statement summarizing four changes to the school district analysis after reading and math scores have been replaced