


Equitable Impacts on SAT/ACT Performance

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Introduction

This project aims to identify trends indicating performance advantage on the SATs & ACTs related to the so-called “equitable ranking” of public school districts throughout the state of California, primarily for the consideration of resource allocation by state legislation.

Methodology

Equitable School District:

- Public, K-12
- Average Household Income
- Expenditures per Pupil
- Score = $|(Income\ Score) - (Expenditures\ Score)|$

| School District | Rank | Score | Expenditures | Mean Income |
|---------------------------|-------|--------|--------------|-------------|
| Los Nietos | Most | 0.03 | \$14,525 | \$63,516 |
| Indian Springs Elementary | Least | 453.31 | \$82,571 | \$20,833 |

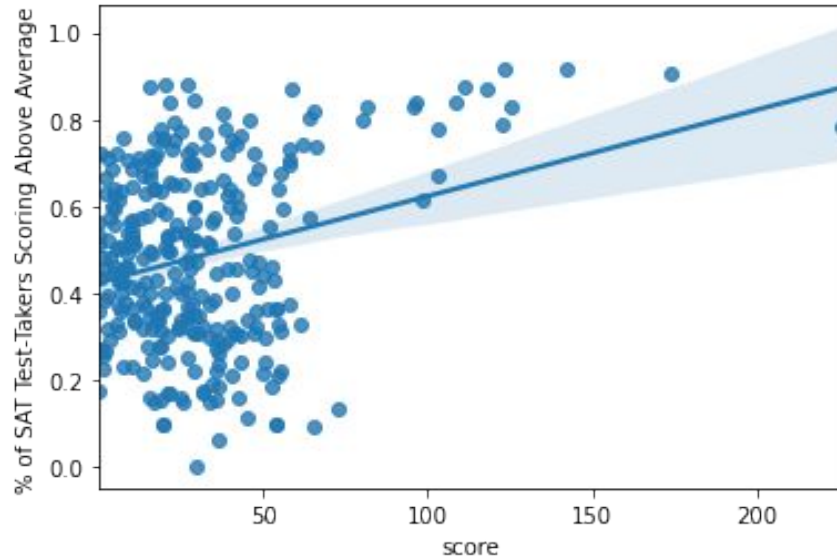
SAT/ACT Data Considered

“% over benchmark”: Number of 12th grade test takers scoring above average

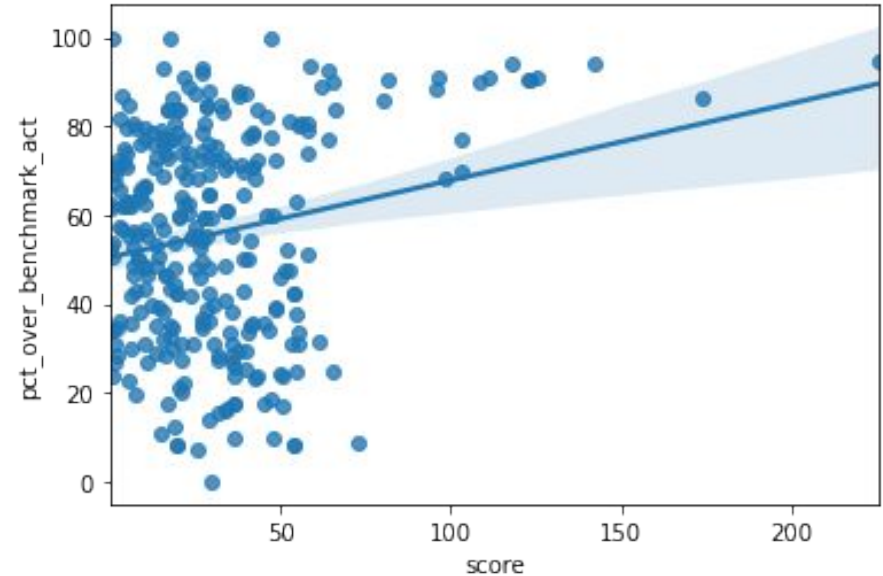
Scores considered: Combined subjects SAT/composite ACT scores for 12th grade students in 2018-2019

Primary Findings

12th Grade Students:
SAT Combined Scores VS Equity Score



12th Grade Students:
ACT Composite Scores VS Equity Score



Conclusions

- Student enrolled in School districts with scores above 50 are more likely to score above average
- It is recommended that the standardized test scores of these individual school districts are monitored closely for additional information essential to providing equal opportunities

Sources

- Data used to create this ranking were collected from of the U.S. Census Bureau and the National Center for Education Statistics.
- Equity scoring method and results taken from WalletHub study
<<https://wallethub.com/edu/e/most-least-equitable-school-districts-in-california/77056/>>