



Naperville Education Performance



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Introduction

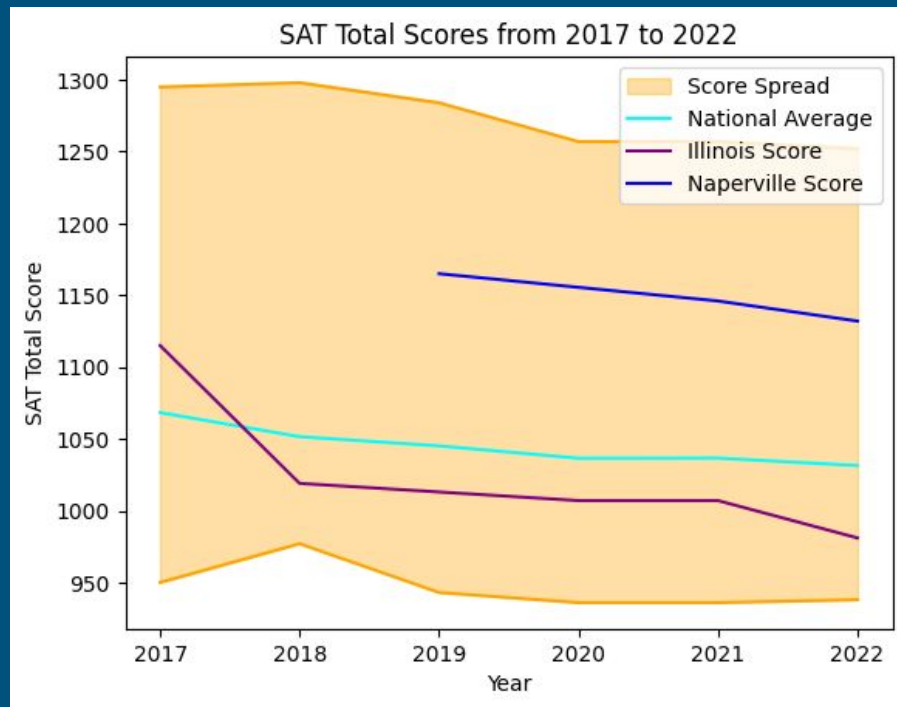
- We want to improve student performance for the cities schools, usually measured by standardized test scores
- Current trends in score data will give us an idea of current performance
- Need to identify factors that can lead to increased performance
- These factors can come from the tests themselves, or other sources like local income



Image credit: <http://www.palmbeachcountytcta.org/act-sat-logo/>

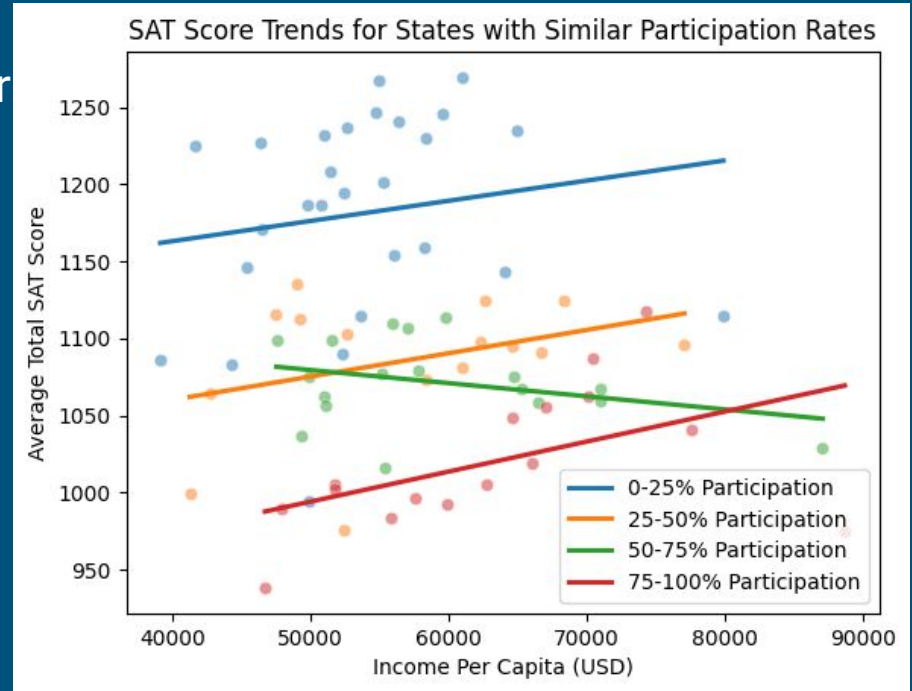
How It's Going

- National and Illinois-State SAT scores are down since 2017
- Naperville test scores are much higher than average, but are also decreasing
- Higher testing rates are associated with worse testing performance



The Effects of Wealth

- Higher income areas perform better on tests
- This is due to increased funding for schools, and better quality of life for students
- Income has a stronger impact on ACT scores than SAT scores



Conclusion & Recommendation

- Performance is trending downward, and we need to enact policies to help bring scores up
- Income has a positive relationship with score data, high testing rates have a negative relationship
- Policies to help the economy can also help the schools while being popular with voters
 - Attract businesses to city
 - Support programs for low income families
 - And more!