

Participation Affects SAT Test Scores

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What is the problem?

- Average state test scores are decreasing!



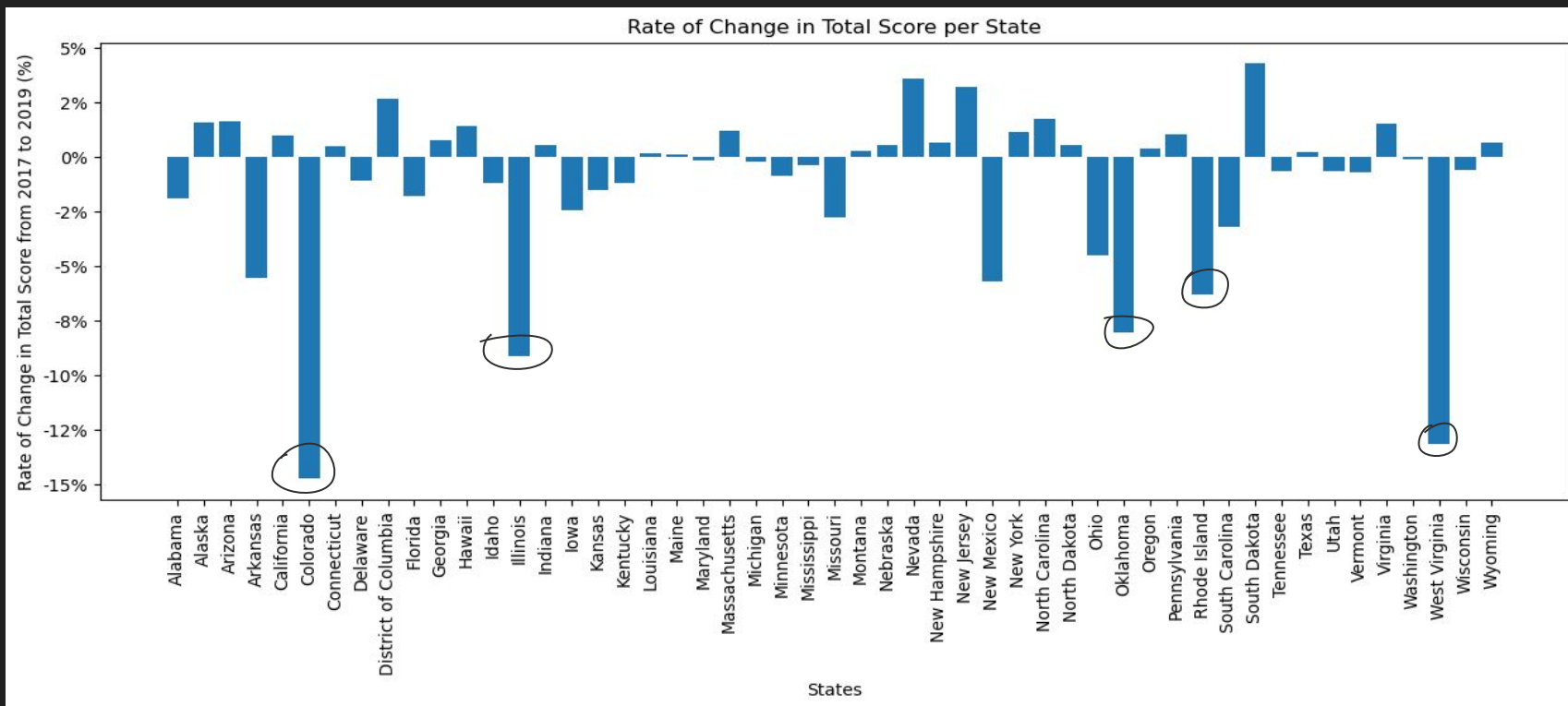
Why aim to increase test scores?

- Progression within education (teachers, students, school system)
- Better representation of schools
- High test scores → good grades → merit scholarships

Procedure

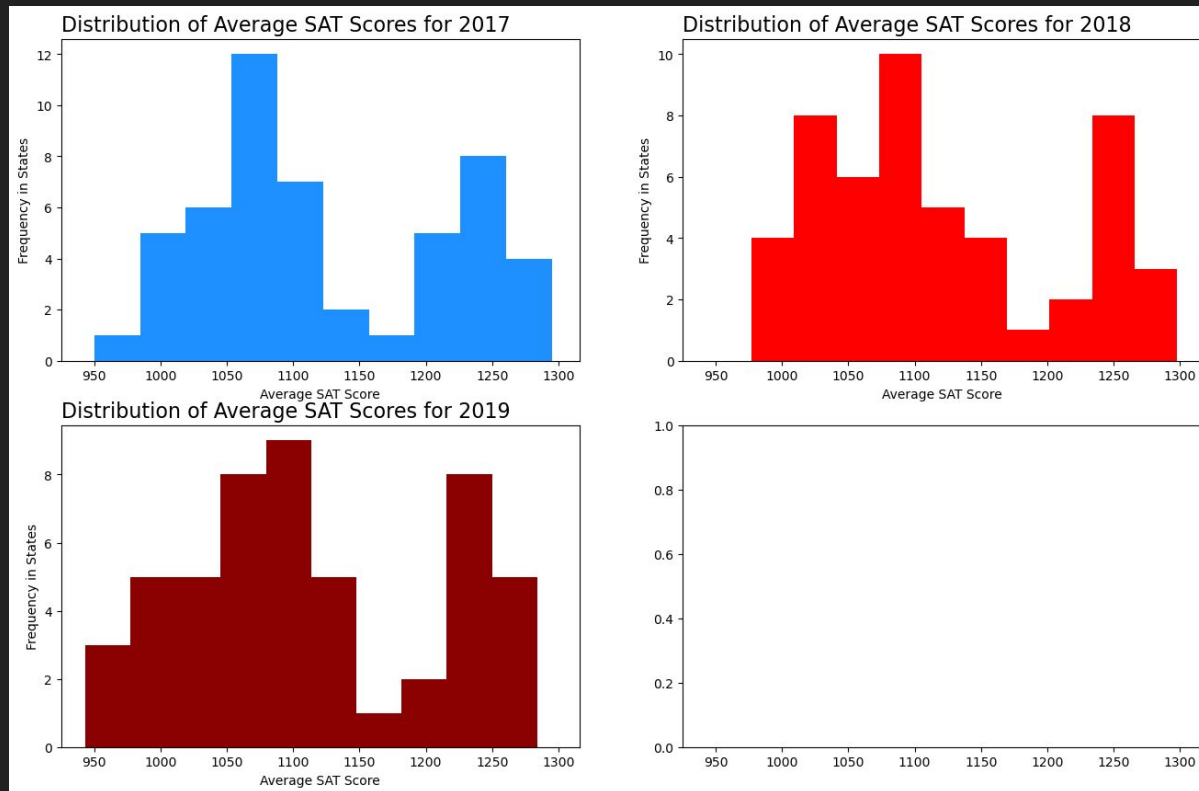
- Identify which states have a **decreasing average test score** by looking at the **rate of change of total scores**
- The data provided will show how **participation correlates** to states with decreasing average test scores.
- This presentation will show **which states** need to **change** their policies in order to increase average state test scores.

States With Decreasing Test Score Rates from 2017 to 2019



Colorado, Illinois, Oklahoma, Rhode Island, West Virginia

How do the test scores change over time?



Avg SAT Scores

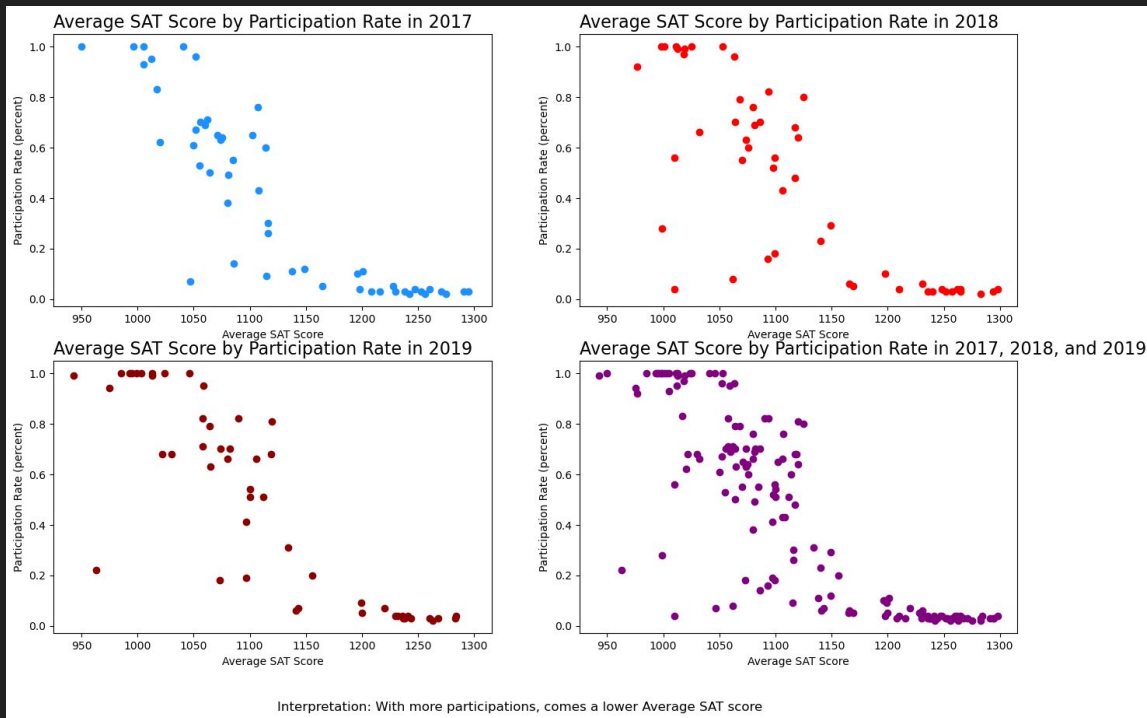
2017 - 1126

2018 - 1120

2019 - 1113

An increase of frequency in lower avg SAT scores occurred

As participation increased for the SAT from 2017 to 2019, total average scores decreased



So what is the solution for these states?

Colorado, Illinois, Oklahoma, Rhode Island, West Virginia

Lower Participation = Higher Test Scores

We can improve test scores in schools by...

- Allowing optional SAT test taking
- Upcharging the SAT test
- Require students with higher GPA's to take the SAT