

Improving SAT Outcomes

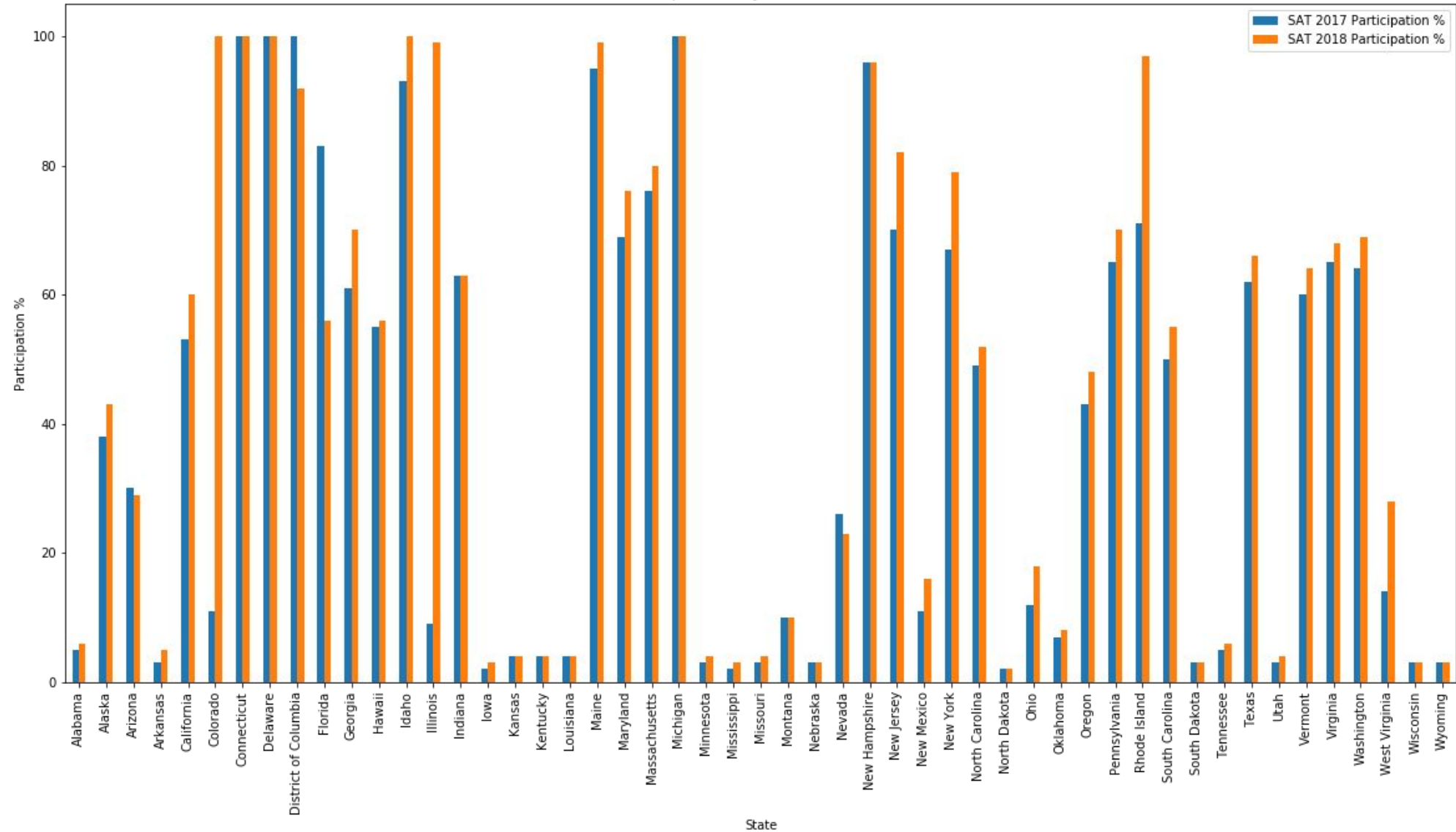
Trends and Recommendations for West
Virginia

Agenda

- SAT Participation by State
- West Virginia SAT Participation and Scores
- Recommendations
- Additional Data to Explore

SAT Participation

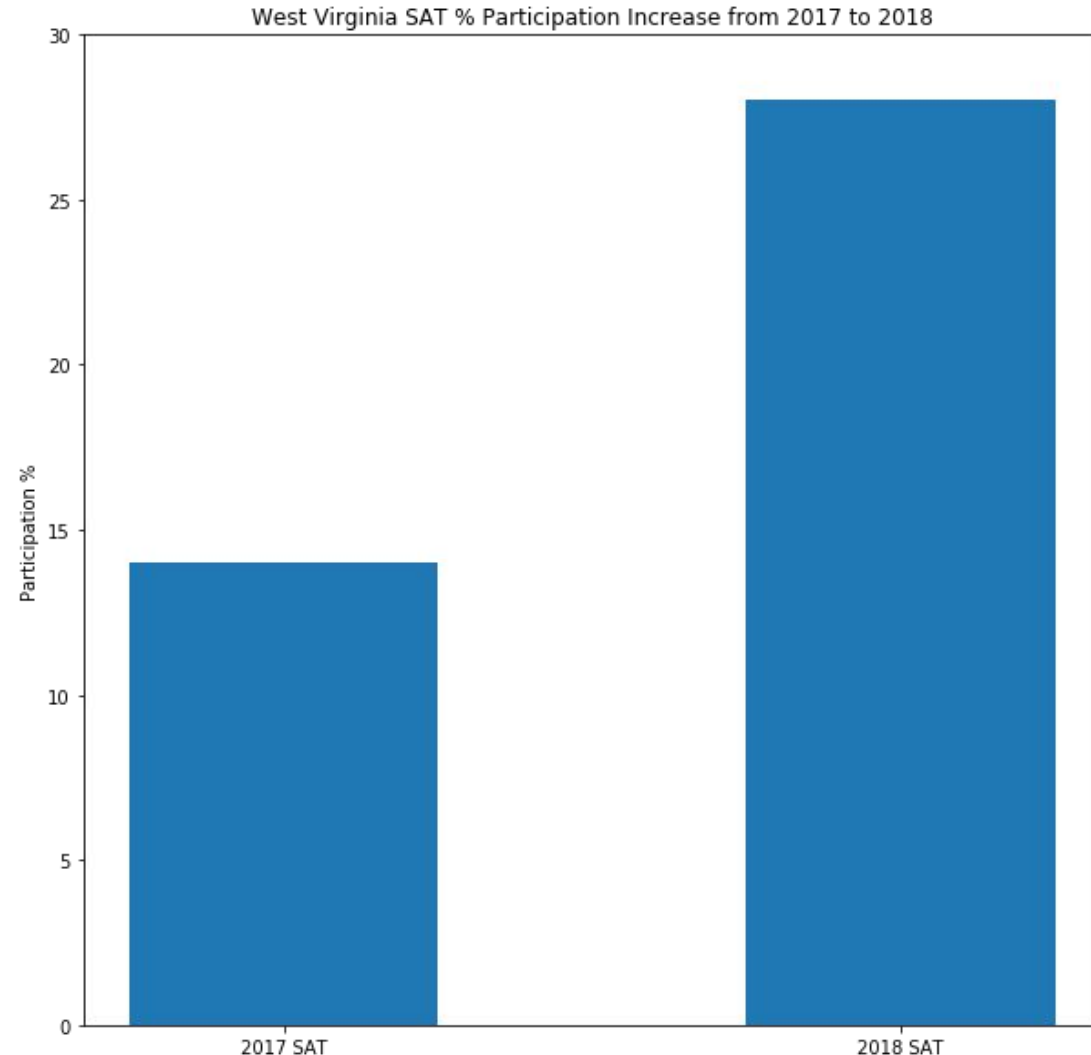
SAT Participation % by State, 2017 and 2018



SAT Participation

- SAT participation rose or stayed the same in 47 states
- SAT participation fell in 4 only states
- The SAT was redesigned in spring 2016, making the following changes:
 - Removing the guessing penalty
 - Focusing on words students will use in college and careers
 - Making the essay optional

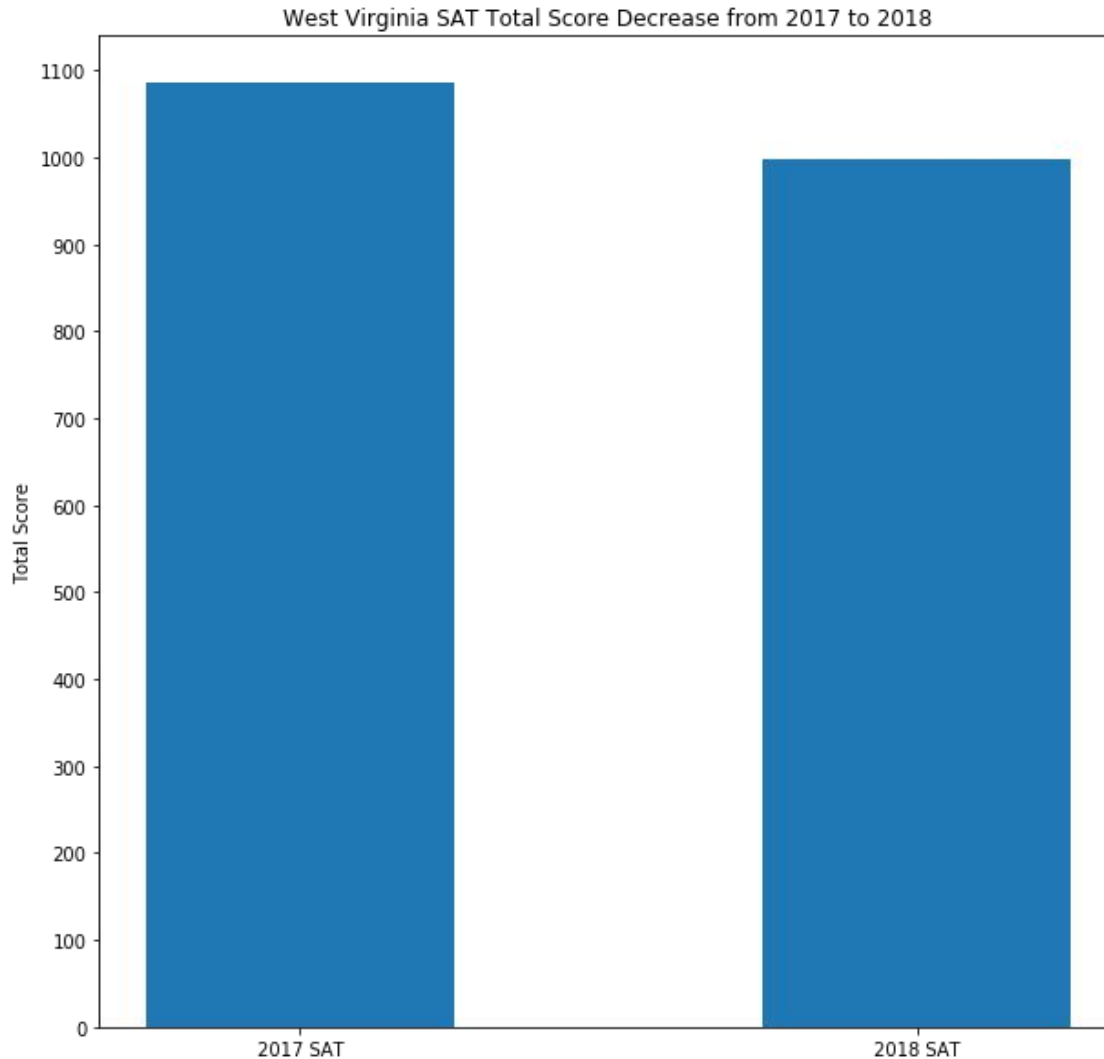
West Virginia SAT Participation Increase



Observations

- The percentage of students taking the SAT in West Virginia increased significantly from 2017 to 2018
- The percentage of students taking the SAT in West Virginia was still significantly lower than the national average of 40% in 2017 or 46% in 2018

West Virginia SAT Score Decrease



Observations

- The average total scores of students taking the SAT in West Virginia decreased from 2017 to 2018
- The average total scores of students taking the SAT in West Virginia was significantly lower than the national average of 1126 in 2017 or 1120 in 2018

Increasing SAT Participation and Scores in West Virginia

- Mandating the completion of the SAT for all high school students
- Fee waivers from the College Board that cover 100% of test registration costs
- “SAT School Day” that includes an SAT exam offered during the school day to make student participation as convenient as possible

Increasing SAT Participation and Scores in West Virginia

- Increasing student and family awareness of college accessibility, especially among racial and ethnic minorities, English language learners, and economically disadvantaged students
- Increasing access to the PSAT
- Have school district offer for-credit SAT preparation course
- Free test preparation available from the College Board and the schools
- SAT question of the day contest

Additional Data to Explore

- Have any of these programs been implemented?
- What are the participation rates by income and race, and do they reflect any trends that need to be addressed?
- How do West Virginia schools fare in participation and scores for other standardized tests that people take in addition to the SAT?
 - AP
 - SAT 2

Questions?

Sources Cited (All Sources Accessed on March 16, 2020):

- Best Practices to Increase SAT Participation, Hanover Research:
<https://www.hanoverresearch.com/media/Best-Practices-to-Increase-SAT-Participation-1.pdf>
- More Students Are Taking the SAT Than Ever Before, U.S. News & World Report:
<https://www.usnews.com/news/education-news/articles/2019-09-24/more-students-are-taking-the-sat-than-ever-before>
- State scores improve on old SAT. Too early to tell how Georgia fared on new version, The Atlanta Journal-Constitution:
<https://www.ajc.com/blog/get-schooled/state-scores-improve-old-sat-too-early-tell-how-georgia-fared-new-version/8wbwe9RfF4ibFWHca10xMO/>

Credit to my classmates for collaboration on the code and tips for this presentation