

# **SAT & ACT Data Analysis**

Maximizing Participation Rates for The College Board

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# Examination Nation

- The SAT is a college entrance exam taken primarily by high school Juniors.
- The ACT is a comparable, alternative exam that targets the same demographic.
- The College Board wants to increase SAT participation rates.

**Where in the US should the College Board  
concentrate efforts to improve participation rates?**

# For each state, we've gathered averages for

- 2017 SAT

- Participation Rates
- Evidence-based Reading and Writing Scores
- Math Scores
- Totals

- 2017 ACT

- Participation Rates
- Science Scores
- Reading Scores
- English Scores
- Math Scores
- Composite Scores

- 2018 SAT

- Participation Rates
- Evidence-based Reading and Writing Scores
- Math Scores
- Totals

- 2018 ACT

- Participation Rates
- Composite Scores

Sources:

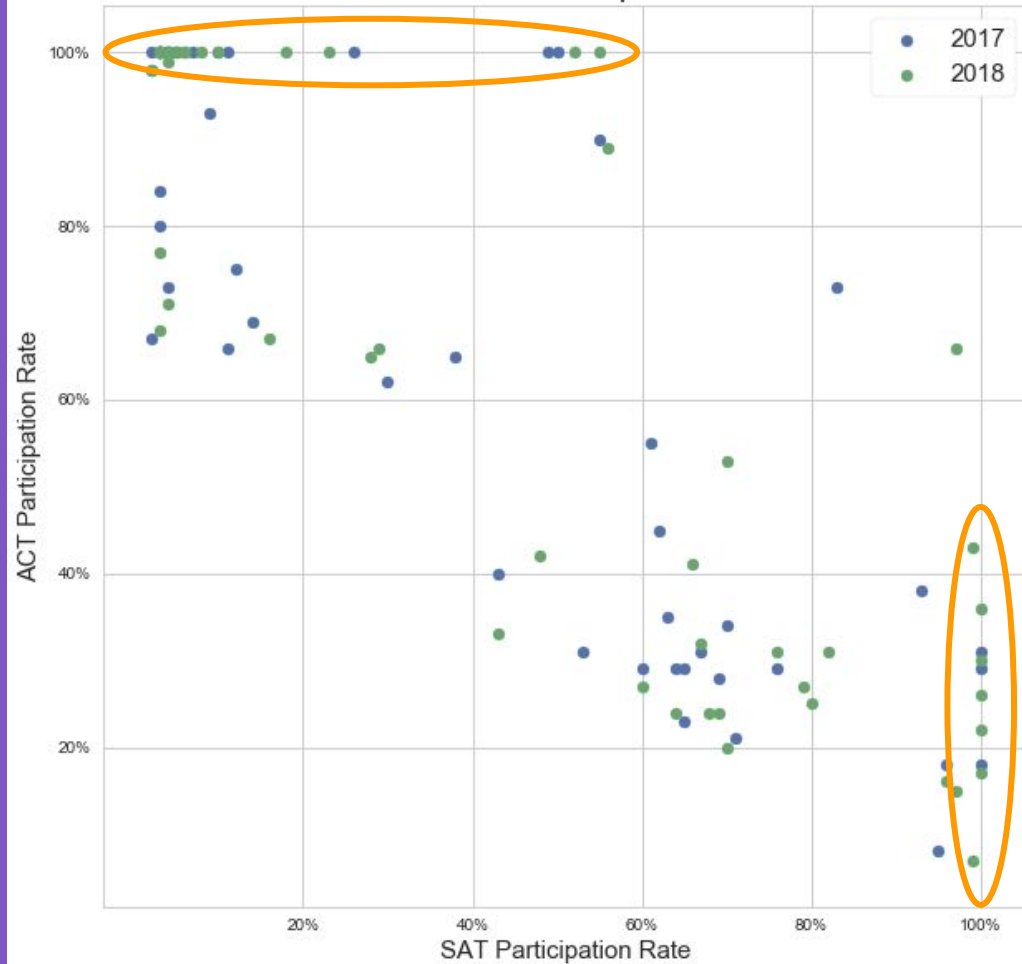
<https://blog.collegevine.com/here-are-the-average-sat-scores-by-state/>

<https://blog.prepscholar.com/act-scores-by-state-averages-highs-and-lows>

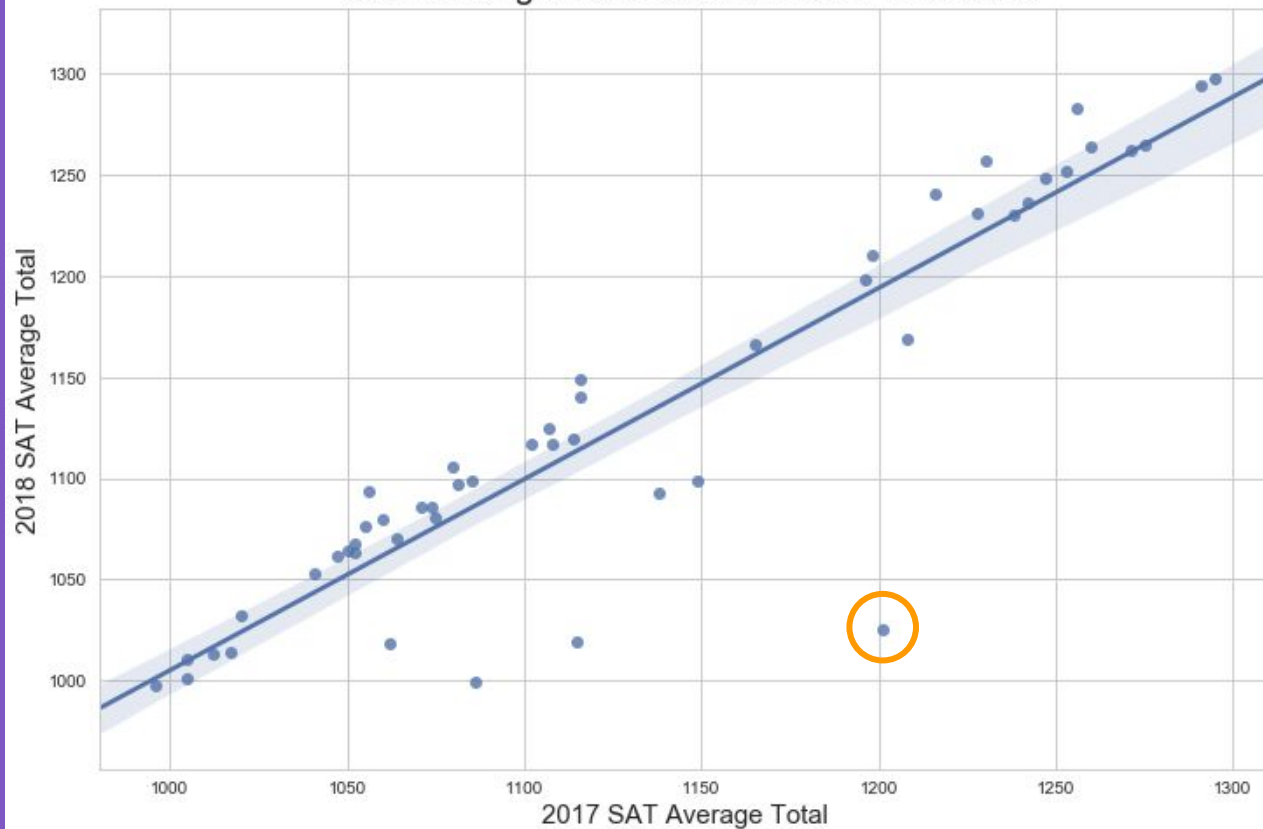
<https://reports.collegeboard.org/sat-suite-program-results/state-results>

<http://www.act.org/content/dam/act/unsecured/documents/cccr2018/Average-Scores-by-State.pdf>

SAT vs. ACT Participation Rates



# SAT Average Total Scores didn't change much between 2017 and 2018



# +89%

Colorado saw a huge spike in their SAT participation rate from 2017 to 2018

■ TEST SWAP

## Goodbye ACT, hello SAT: a significant change for Colorado high schoolers

BY ERIC GORSKI - DECEMBER 23, 2015

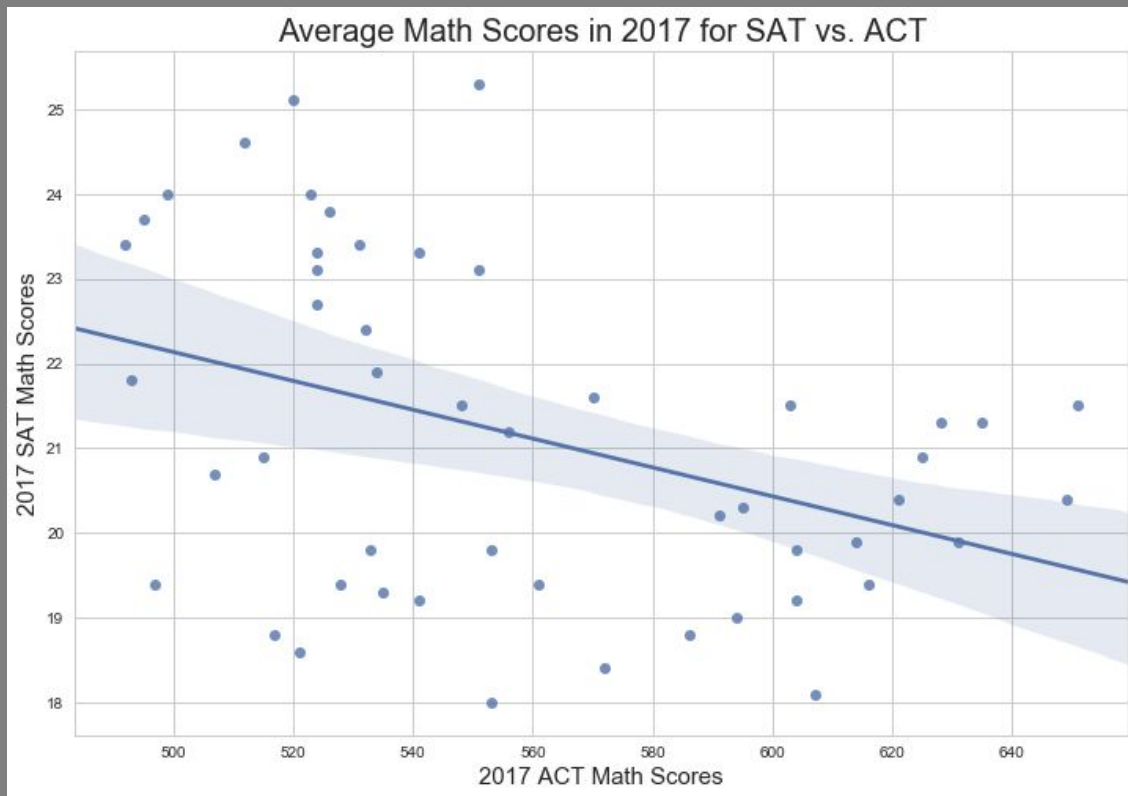


# Multiple choices

- In order to increase nationwide participation rates, the College Board should focus on states where they are relatively low, but also where the ACT is not already mandated:
  - e.g. Georgia, Oregon, California, Indiana, and Alaska.
- Continue engaging state's Dept. of Education to implement statewide requirements and make the SAT exam more accessible.
- When participation rates for these states inevitably rise, we can also expect these state's average total scores to decline.



# Something doesn't quite add up...



**Thank you!**

