



SAT & ACT ANALYSIS

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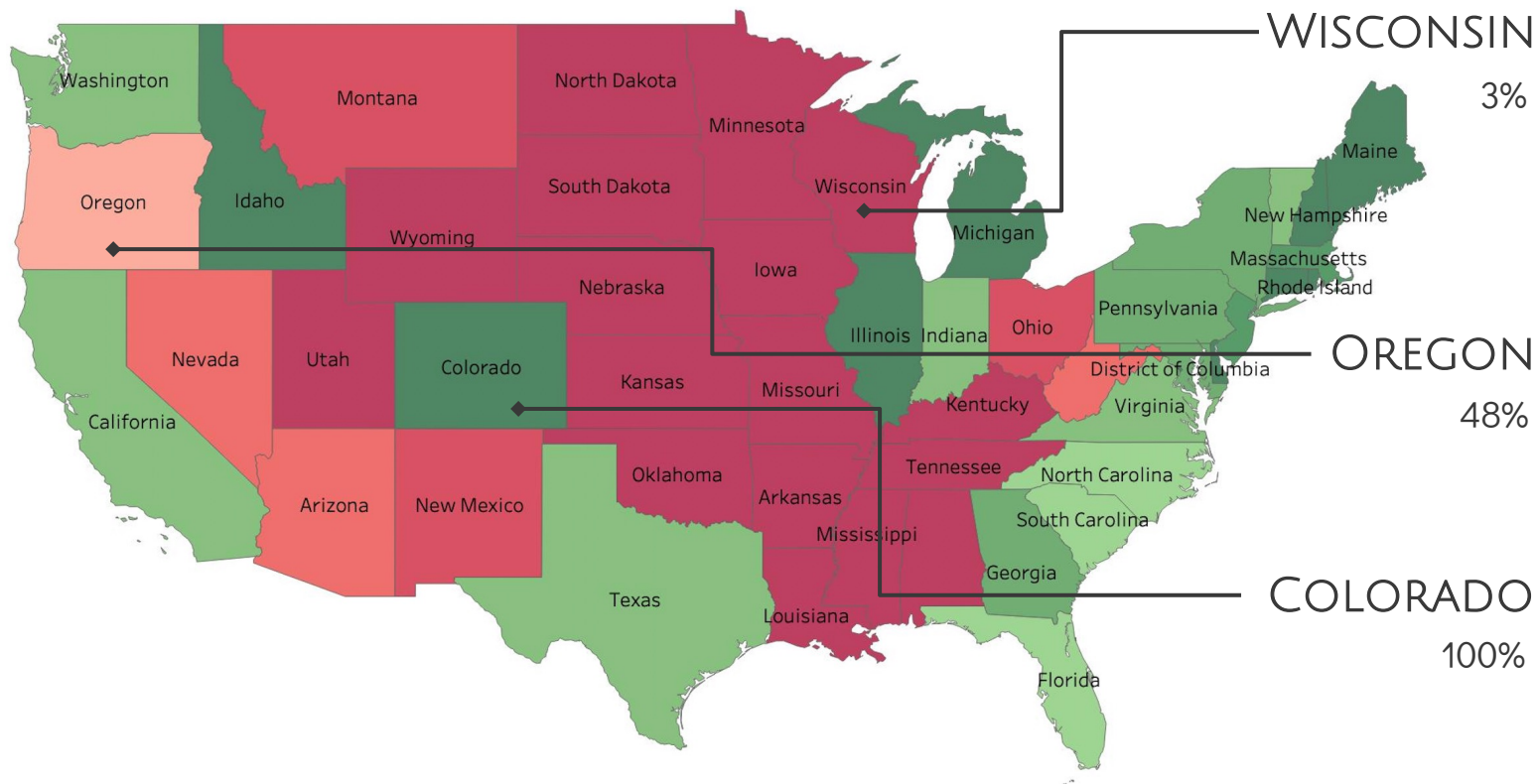
PROBLEM STATEMENT

Some states have low participation in SAT test. Which one of those states would you focus on and how would you improve participation in SAT amongst high school students in that state?

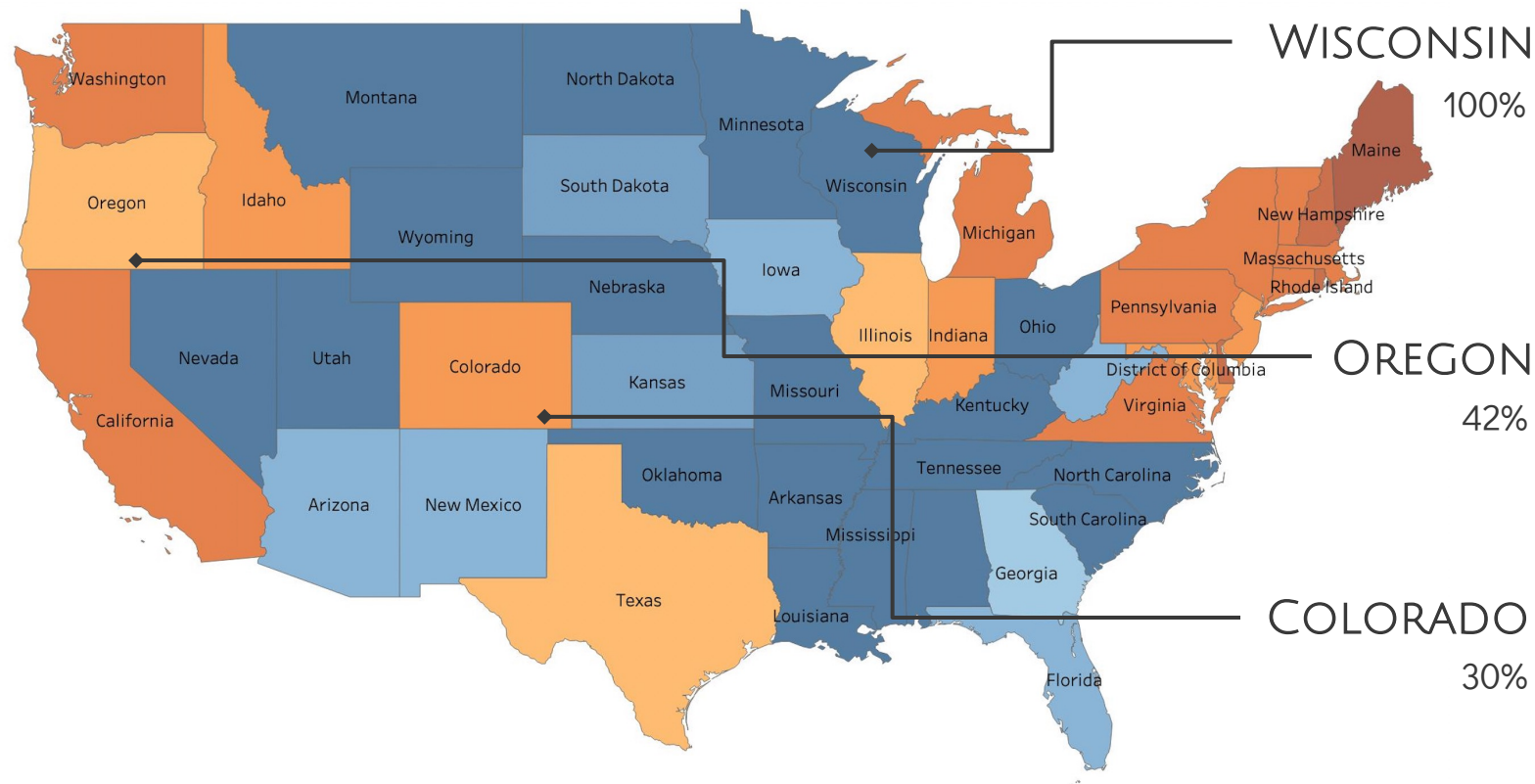
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SAT PARTICIPATION RATE

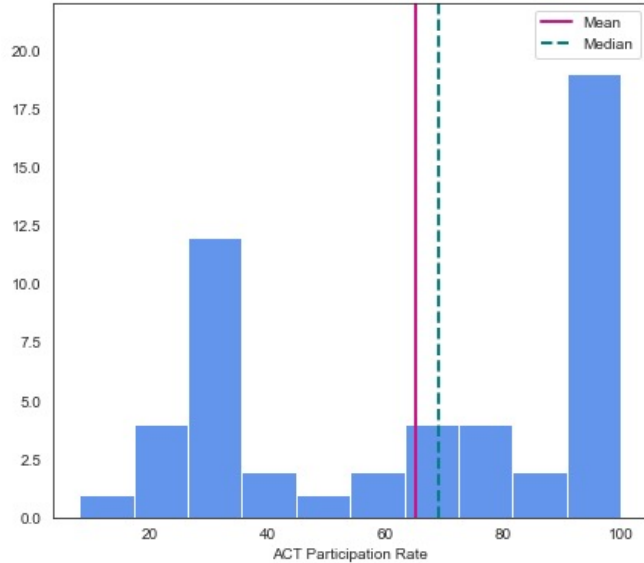


ACT PARTICIPATION RATE

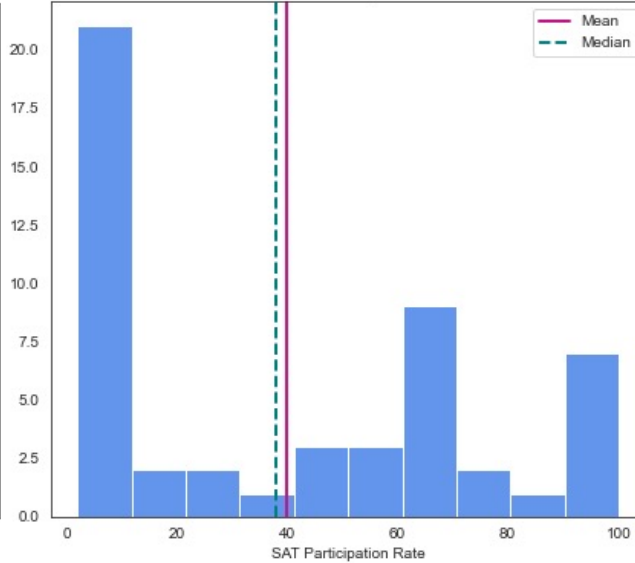


PARTICIPATION RATES

2017 ACT Participation Rate



2017 SAT Participation Rate



FOR ACT, 90-100% PARTICIPATION RATE HAS THE HIGHEST COUNT

In 2017, 20 states have full or near full ACT participation.

FOR SAT, 0-10% PARTICIPATION RATE IS THE HIGHEST

In 2017, 19 states have 0-10% SAT participation rate.

CASE STUDY

COLORADO

| YEAR | 2017 | 2018 |
|------|------|------|
| ACT | 100% | 30% |
| SAT | 11% | 100% |

ILLINOIS

| YEAR | ACT | SAT |
|------|-----|-----|
| ACT | 93% | 43% |
| SAT | 9% | 99% |

- ▲ **MANDATORY SAT TESTING**
As of the 2016-2017 school year, Colorado and Illinois switched from mandatory ACT to mandatory SAT testing
- ▲ **STATE-FUNDED TEST**
SAT test is free to students
- ▲ **FROM FULL PARTICIPATING ACT STATE TO FULL PARTICIPATING SAT STATE**
State policies play a key role in the test participation rate

STATE INFLUENCE ON RATES

16 STATES

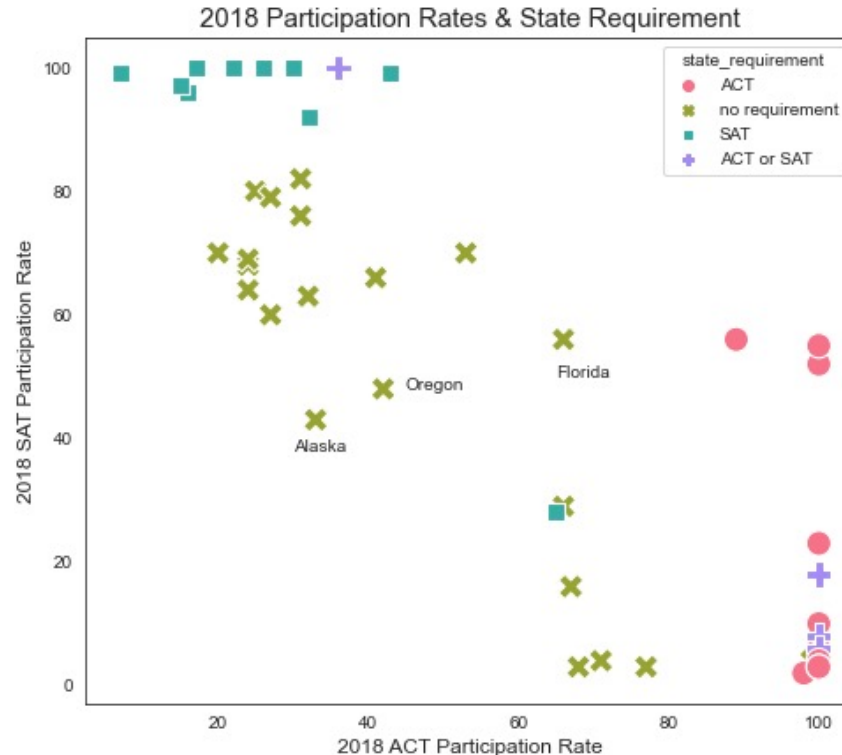
Require ACT

10 STATES

Require SAT

4 STATES

Require ACT/ SAT



States that have made ACT/SAT test mandatory have high test participation rates.

States with no test requirement have low SAT and ACT participation rates.

Alaska, Oregon and Florida have the lowest SAT and ACT participation rates.

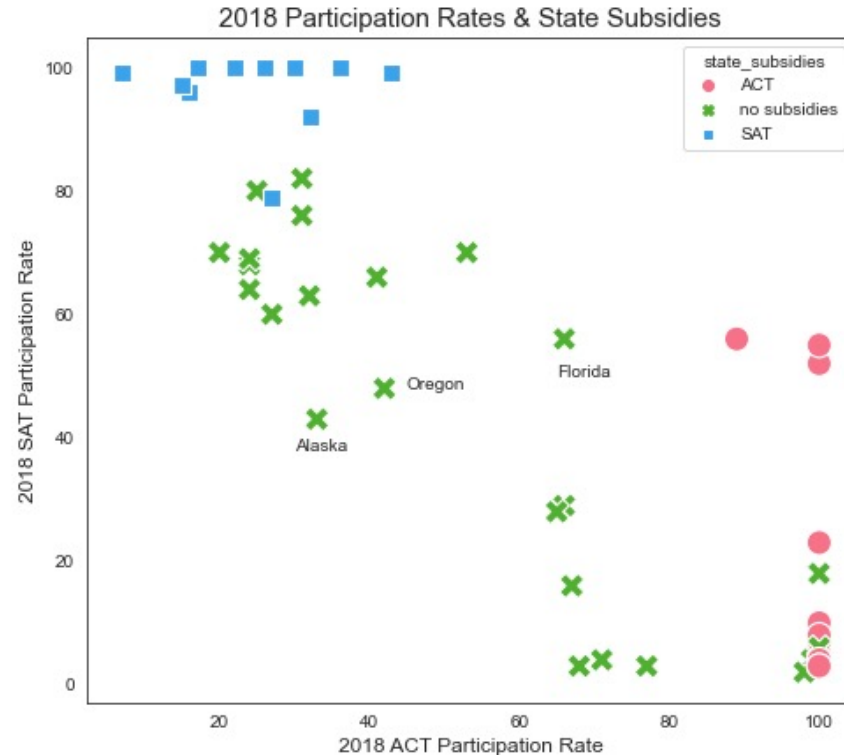
STATE INFLUENCE ON RATES

16 STATES

Free ACT

11 STATES

Free SAT



States that provide the test for free have high SAT or ACT participation rates.

Most states that provide no test subsidies have low ACT and/ or SAT participation rates.

20 states with no mandatory testing or state-funded test



STATE OF CHOICE

- No mandatory testing or state-funded test.
- The state has the second lowest participation rate in both SAT and ACT tests.
- The state SAT participation rate is higher than its ACT participation rate.



RECOMMENDATIONS & NEXT STEP



ENGAGE WITH STATE OR LOCAL GOVERNMENTS

- Provide full or partial test subsidies
- Offer subsidized state-wide SAT preparation classes

COLLABORATE WITH NEARBY STATES

- California and Washington have higher SAT participation rate despite no test requirement. How did they achieve this?

RESEARCH ON STUDENTS TEST PREFERENCE

- Why is SAT not their test of choice?
- How many students are applying for colleges outside of the state?



REFERENCES

- <https://blog.prepscholar.com/which-states-require-the-sat>
- <https://www.chicagotribune.com/news/ct-illinois-chooses-sat-met-20160211-story.html>
- <https://magoosh.com/hs/sat/free-sat-tests-by-state/>
- <https://magoosh.com/hs/sat/states-that-require-the-act-or-sat/>
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- <https://www.collegeraptor.com/getting-in/articles/act-sat/states-act-sat-given-free/>

THANK YOU
