

The background is a deep purple and blue space scene. In the top left is a large planet with horizontal stripes. Below it is a smaller planet with a ring. In the bottom left, an astronaut in a white suit floats with a coiled tether. In the bottom right is a large, cratered moon. The background is filled with numerous small white stars and larger, four-pointed starbursts.

ABOLISHMENT OF THE ACT EXAM & INFUSE INTO SAT

AGENDA OF ELABORATION

1. Analysis upon Illinois in comparison to other states.
2. Comparative Analysis Between Exams
3. Conjecture
4. Recommendations



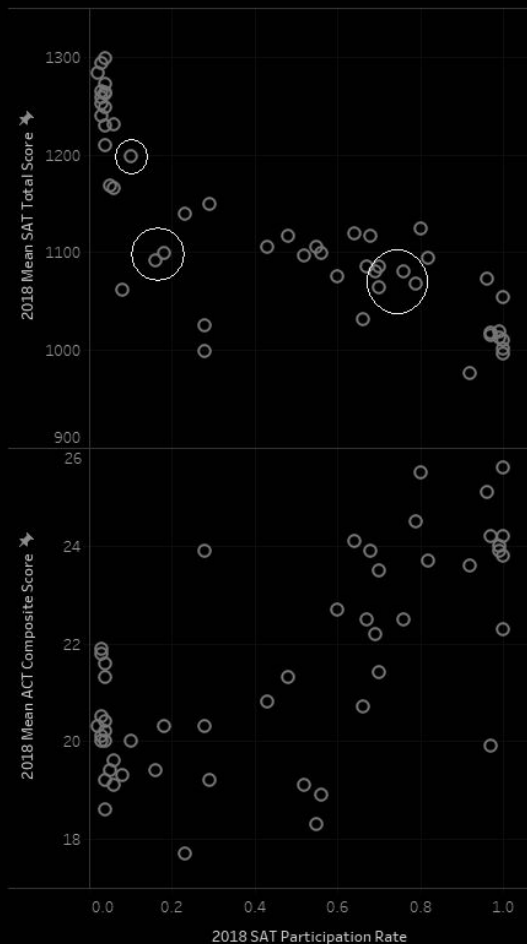
ANALYTICAL DISCOVERIES FROM THE PAST

- According to the currently recorded dataset of participation rates between each standardized examination, through comparative analysis one concludes:



	SAT Participation Rate 2017	SAT Participation Rates 2018	Percentage of Change
Illinois	0.09	0.99	0.90
Rhode Island	0.71	0.97	0.26
Colorado	0.11	0.28	0.17

SAT Participation vs SAT/ACT Mean Score, 2018



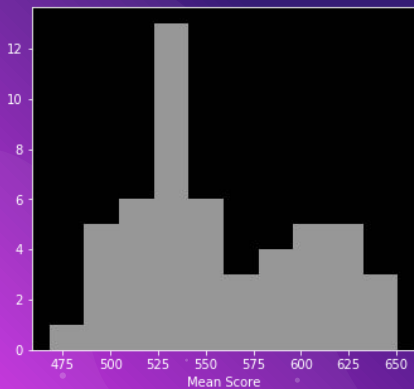
COMPARATIVE ANALYSIS PARTICIPATION VS SCORE

- ★ *The first conglomerate of datapoints convey states on the upper edge of the compiled group of low SAT participation states; approx. 10-15% participation.*
- ★ *Secondarily states who recorded an increase of their inclusion in 2018 is recorded on the lower edge; approx. 50-75% participation.*

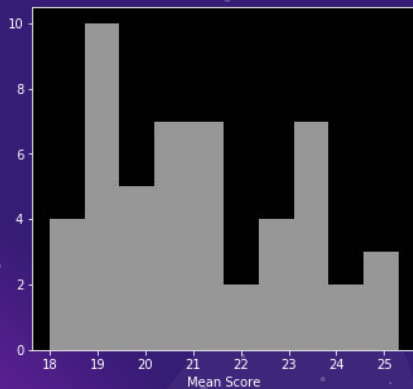
DISTRIBUTIVE ANALYSIS OF MATH SCORES

Below the SAT & ACT participation rate have not changed drastically from 2017 to 2018 by one observing within these barplots.

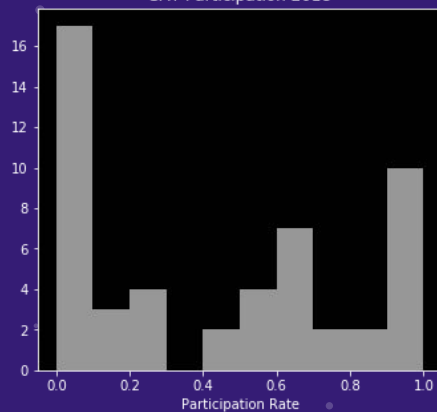
Mean SAT Math Score 2017



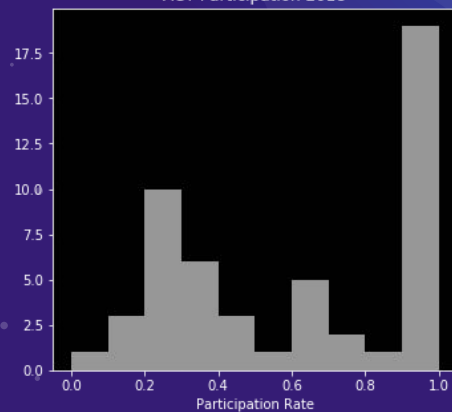
Mean ACT Math Score 2017



SAT Participation 2018



ACT Participation 2018



STATISTICAL ANALYSIS

ACT

Total Time

2 hrs 55 mins without Writing

3 hrs 35 mins with Writing

Order of Sections

1. English

2. Math

3. Reading

4. Science

5. Writing (optional)

Time Per Section

English: 45 mins Math: 60 mins Reading: 35 mins

Science: 35 mins Writing (optional): 40 mins

Num. of Queries

English: 75 questions

Math: 60 questions

Reading: 40 questions

Science: 40 questions

Writing (optional): 1 essay

Scoring

Total score range: 1-36

Each section uses a scale of 1-36. Your total score is the average of your four section scores.

The optional Writing section uses a scale of 2-12 and does not count toward your final score.

SAT

3 hrs without Essay

3 hrs 50 mins with Essay

1. Reading

2. Writing and Language

3. Math No Calculator

4. Math Calculator

5. Essay (optional)

Reading: 65 min Writing & Language: 35 min Math(No Calc): 25 mins Math (Calc): 55 mins

Essay (optional): 50 mins Reading: 52 questions

Writing and Language: 44 questions

Math (No Calc): 20 questions Math (Calc): 38 questions

Essay (optional): 1 essay

Total score range: 400-1600

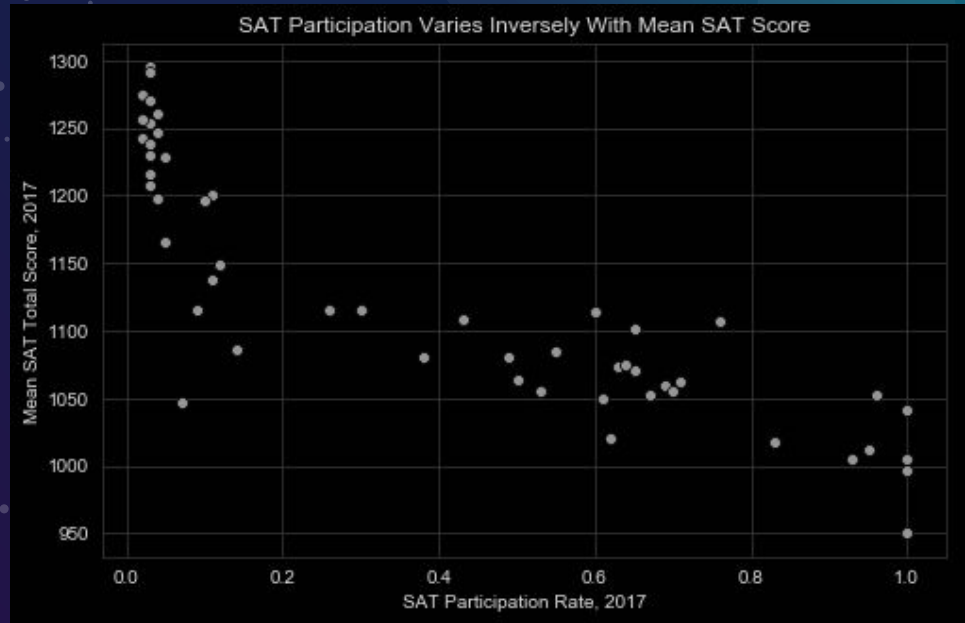
The Evidence-Based Reading and Writing (EBRW) and Math sections each use a scale of 200-800 and are combined for a total score. The optional Essay uses three separate scales of 1-8 and does not count toward your final score.

<https://alldownloadshub.com/ACT/ACT-36/>

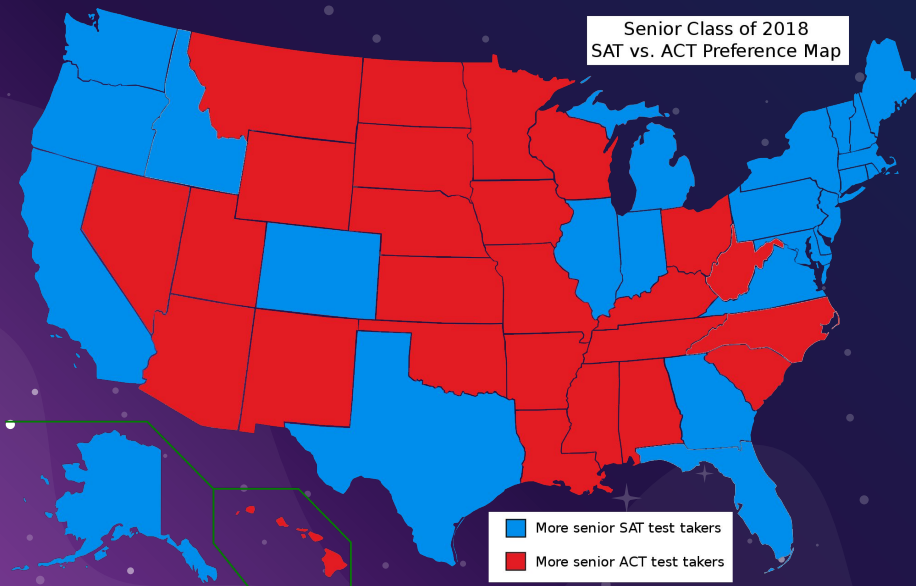


DEMONSTRATION OF A SELECTION BIAS

- Within the SAT scatter-plot, one could observe the conglomerate of ACT-dominated states within the top left section where SAT participation is quite low.
- Yet the mean scores being less than a mere 1200.



CONJECTURE UPON DATA



- ★ *Represented are massive regional (and plausibly political) affiliations associated with ACT versus SAT preference. Coastal progressive states tend to favor the SAT, while Midwestern and Mountain conservative states tend to favor the ACT.*

RECOMMENDATIONS FOR TRANSITION

★ Further resources:

- ★ <https://www.washingtonpost.com/education/2019/03/19/is-it-finally-time-get-rid-sat-act-college-admissions-tests/>
- ★ <https://www.mckendree.edu/academics/scholars/issue18/streetman.htm>
- ★ [HTTPS://BLOG.PR@SCHOLAR.COM/ACT-VS-SAT](https://blog.pr@scholar.com/act-vs-sat)

