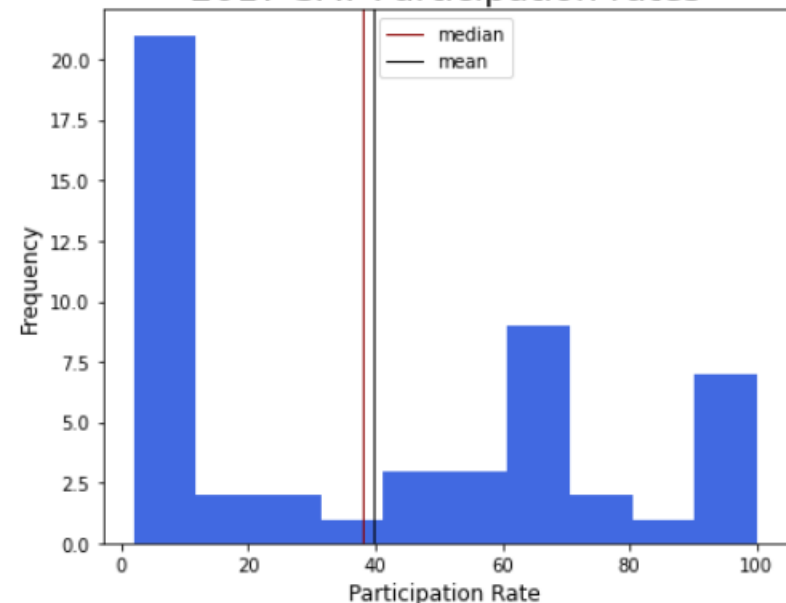


SAT & ACT Analysis

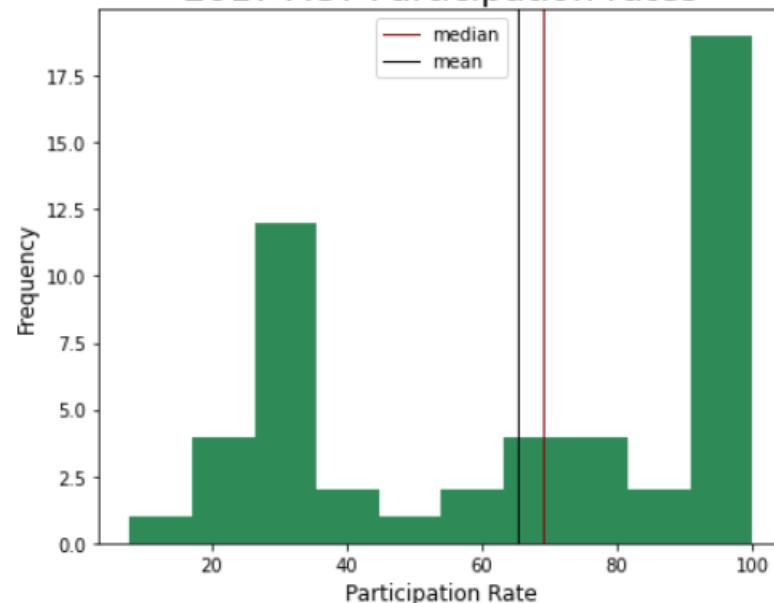
2017 to 2018

Participation Rates

2017 SAT Participation rates

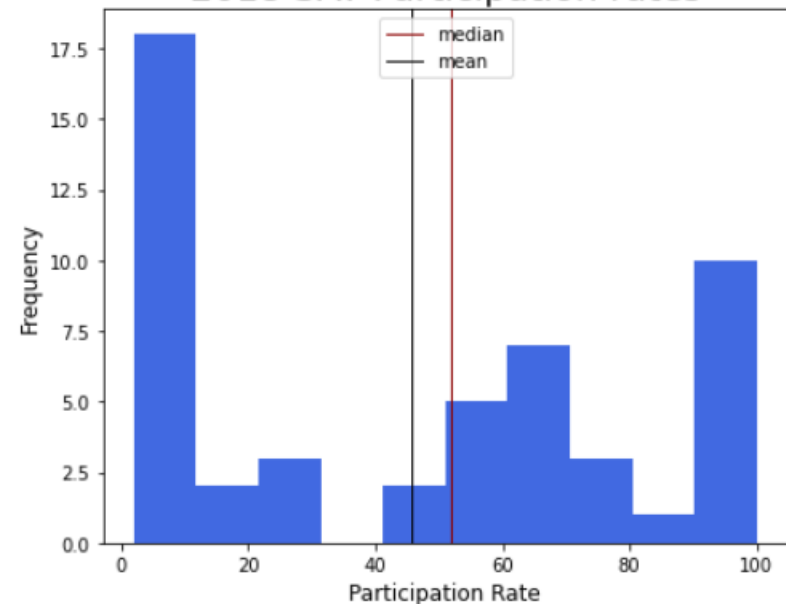


2017 ACT Participation rates

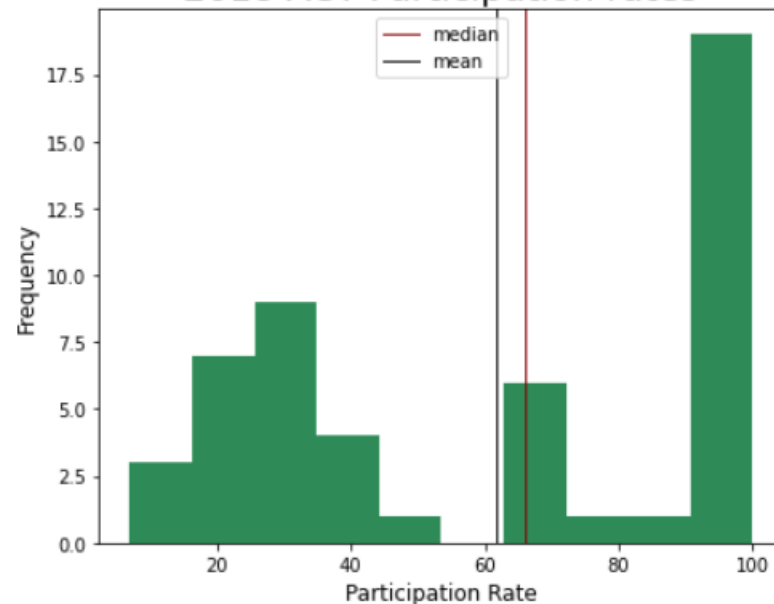


- ❖ Participation rates tends to concentrate at the extremes. At below 10% and above 90%
- ❖ Many states mandate one of the test.
- ❖ ACT mandated by 18 states.
- ❖ SAT mandated by 11 states.
- ❖ No states requires both tests.

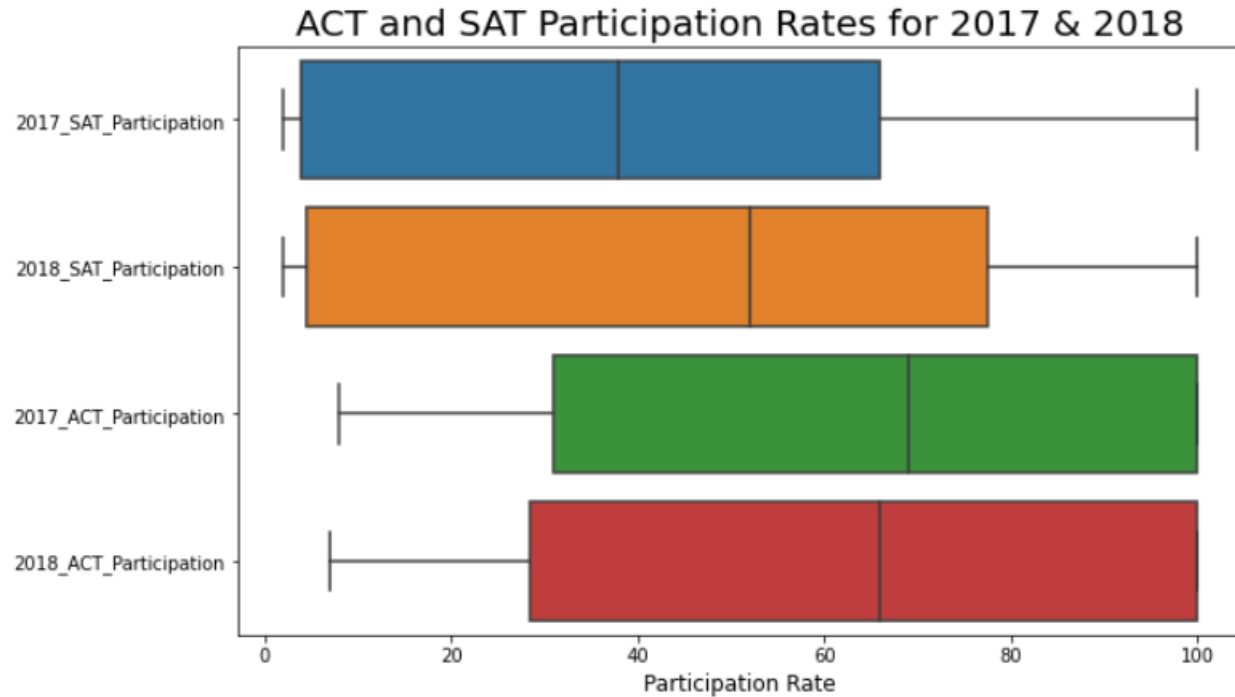
2018 SAT Participation rates



2018 ACT Participation rates



Changes in Participation Rates



- ❖ Large changes in participation are rare
- ❖ Colorado is one state that has a huge change from 2017 to 2018. Upon further investigation, Colorado mandated all students to take SAT in 2017 thus the 100% SAT participation in 2018.
- ❖ ACT participation rates are significantly higher than SAT

State	2017_SAT_Participation	2018_SAT_Participation	Change_Rate
Colorado	11	100	89
District of Columbia	100	92	-8
Idaho	93	100	7

State	2017_ACT_Participation	2018_ACT_Participation	Change_Rate
Colorado	100	30	-70
Minnesota	100	99	-1
Nebraska	84	100	16
Ohio	75	100	25

Recommendations

State	2017_SAT_Participation	2018_SAT_Participation	2017_ACT_Participation	2018_ACT_Participation
Iowa	2	3	67	68
New Mexico	11	16	66	67
West Virginia	14	28	69	65

Above table shows the 3 three states that are left after:

- Filtering out the list of states that has mandated either one of the tests.
- SAT participation rate below 20%
- ACT participation rate below 70%

State to focus on:

West Virginia

Possible ways to improve participation rate:

- Mandating the completion of SAT for all high school students.
- Fee Waivers to cover test registration costs
- "SAT School Day" to make student participation as convenient as possible.