

DISSECTING  
CALIFORNIAN  
**SAT**  
TEST RESULTS

**California is the largest state of the union. Can we predict what schools will perform better on the SATs from their state's publicly accessed data collection?**

California Department of Education

Data obscured for students' privacy and its effect on these findings

What about other states?

Why not ACT as well?

# Key Terms

County: A city and its surrounding area

District : Political subdivision of a state, federally

SAT Benchmark: 75% chance of earning C's or higher during the first semester of college.

- Reading and Writing: 480. 40 percentile nationally.
- Math: 530. 61 percentile nationally.

Expense of Education: Yearly cost to educate a student (salaries, books and supplies, community services, food services)

Expense per ADA: Yearly cost adjusted for school's average daily attendance (ADA)

AP Test Credit: Score of 3 or higher

# The Average Californian High Schooler



40% chance of taking SAT

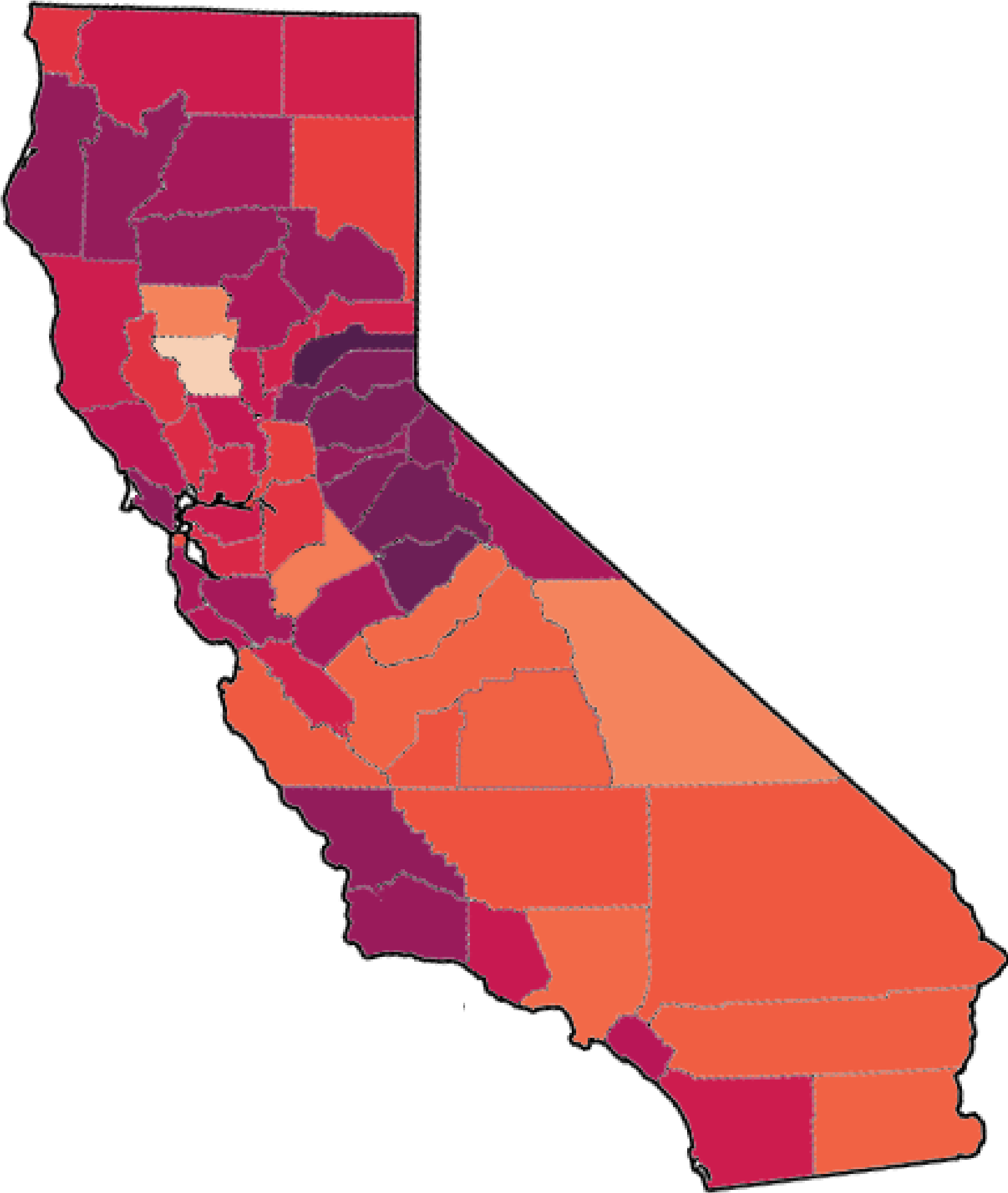
42% chance meeting SAT benchmarks

Taking .44 AP tests

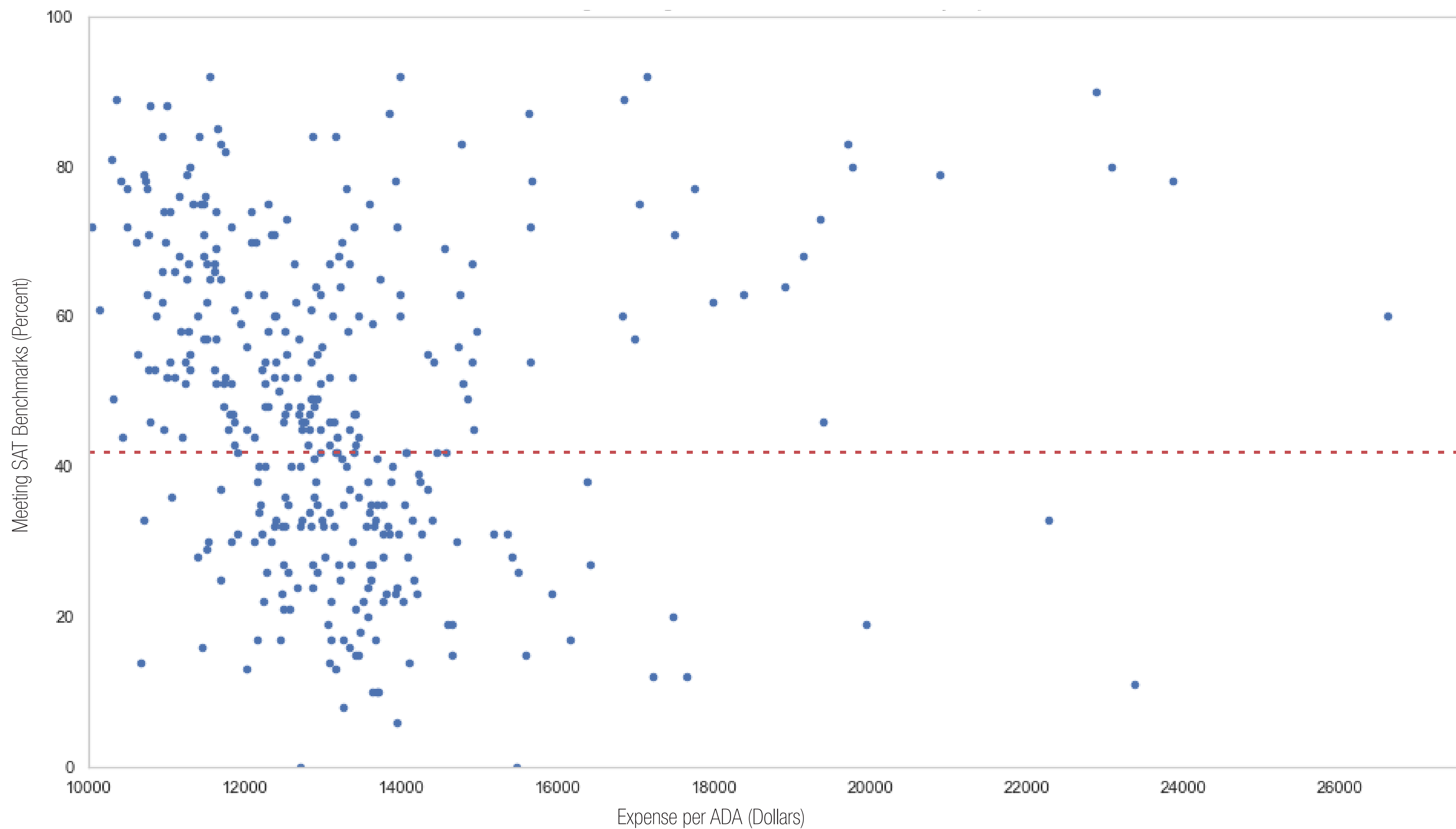
Expense per ADA of \$14,710

# County SAT Benchmark Percentages

Alameda	46%	Orange	55%
Amador	62%	Placer	66%
Butte	57%	Riverside	34%
Calaveras	67%	Sacramento	40%
Colusa	7%	San Benito	47%
Contra Costa	49%	San Bernardino	35%
Del Norte	42%	San Diego	50%
El Dorado	68%	San Francisco	38%
Fresno	33%	San Joaquin	42%
Glenn	26%	San Luis Obispo	63%
Humboldt	63%	San Mateo	57%
Imperial	33%	Santa Barbara	62%
Inyo	25%	Santa Clara	59%
Kern	36%	Santa Cruz	54%
Kings	36%	Shasta	60%
Lake	43%	Siskiyou	49%
Lassen	40%	Solano	46%
Los Angeles	32%	Sonoma	53%
Madera	31%	Stanislaus	38%
Marin	64%	Sutter	51%
Mariposa	72%	Tehama	62%
Mendocino	49%	Tulare	33%
Merced	27%	Tuolumne	70%
Mono	58%	Ventura	51%
Monterey	35%	Yolo	51%
Napa	45%	Yuba	48%
Nevada	78%		

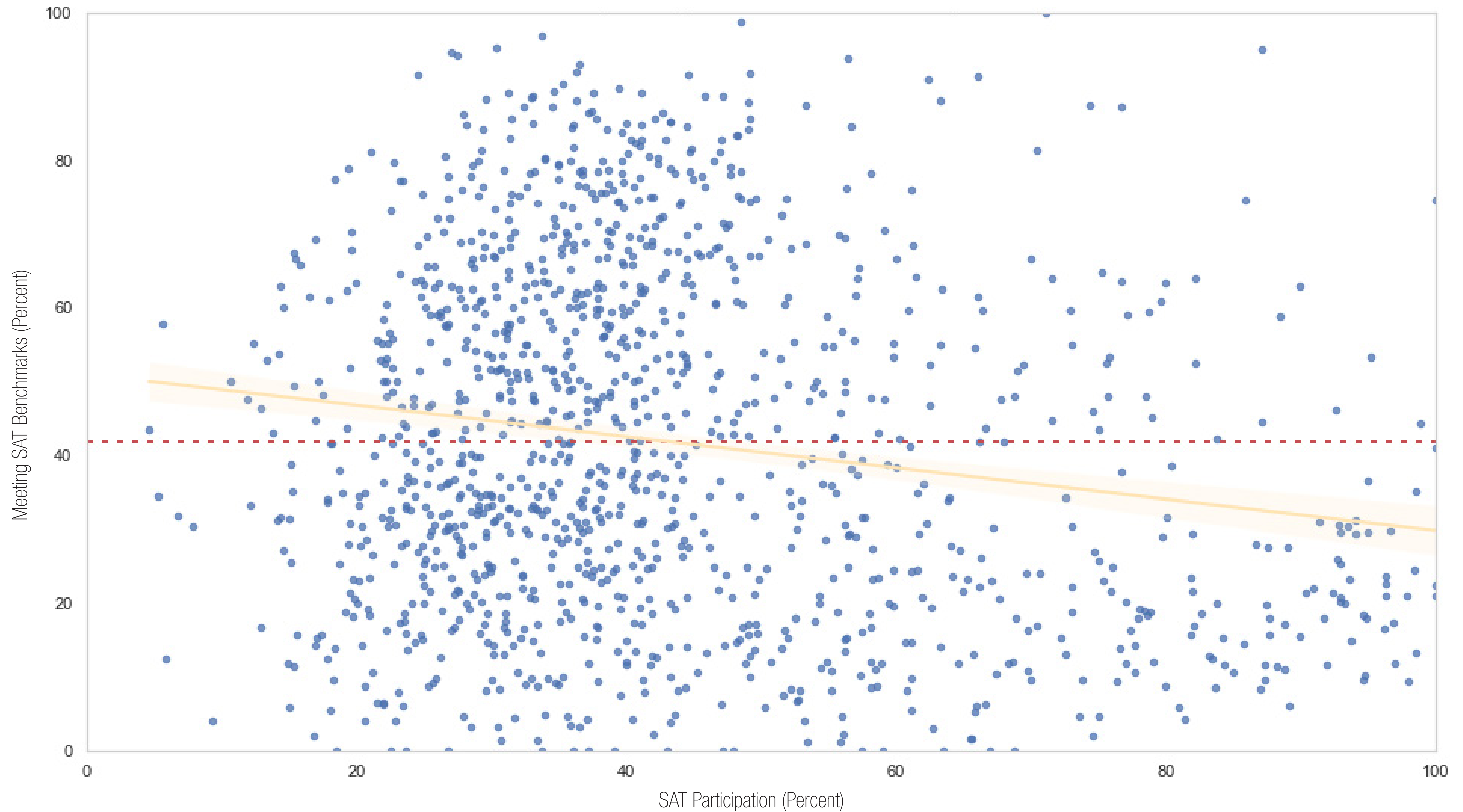


# Percentage Meeting SAT Benchmarks vs District Expense Per ADA





# Percentage Meeting SAT Benchmarks vs SAT Participation

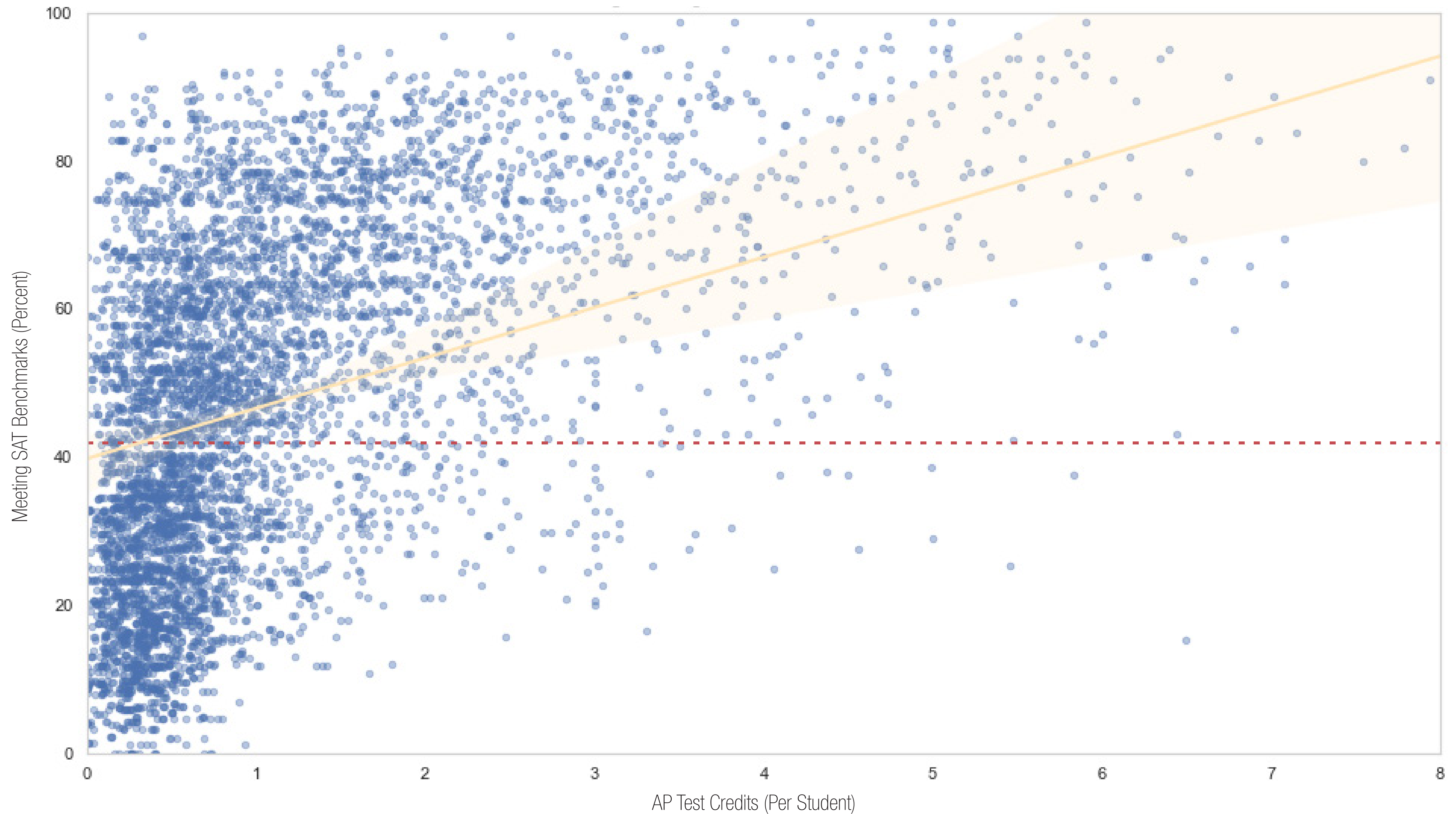


# Percentage Meeting SAT Benchmarks vs AP Test Participation





# Percentage Meeting SAT Benchmarks vs AP Test Credits per Student



# In Conclusion

Wide disparity of SAT results between counties

Positive relationship between SAT scores and AP classes

Negative relationship between SAT scores and SAT participation

Need more data on school expenses

Too much geographical variance?

The future of standardized testing