



GeoJSONLC3.json

State

Pennsylvania

Legislative

U.S. House

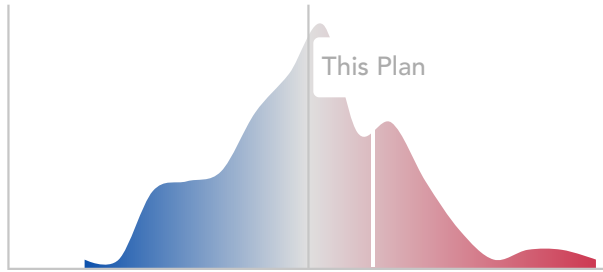
Added to PlanScore

Oct. 17, 2021

PlanScore bases its scores on predicted precinct-level votes for each office (State House, State Senate, and U.S. House) built from past election results and U.S. Census data. [More information about the predictive model used to score this plan.](#)

Charts and Graphs

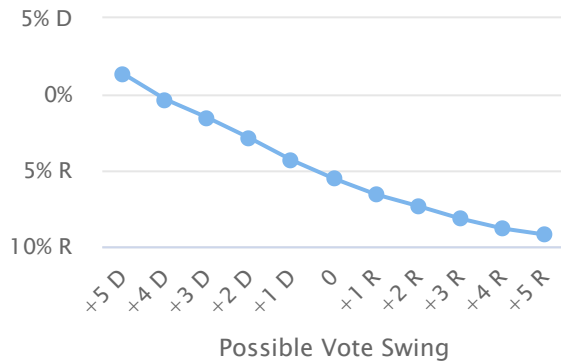
Efficiency Gap: 5.6%



+25% D Balanced +25% R

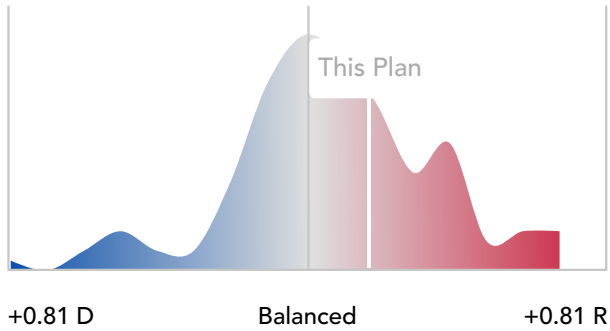
Votes for Republican candidates are expected to be inefficient at a rate 5.6% lower than votes for Democratic candidates, favoring Republicans in 81% of predicted scenarios.* [Learn more](#) >

Sensitivity Testing



Sensitivity testing shows us a plan’s expected efficiency gap given a range of possible vote swings. It lets us evaluate the durability of a plan’s skew.

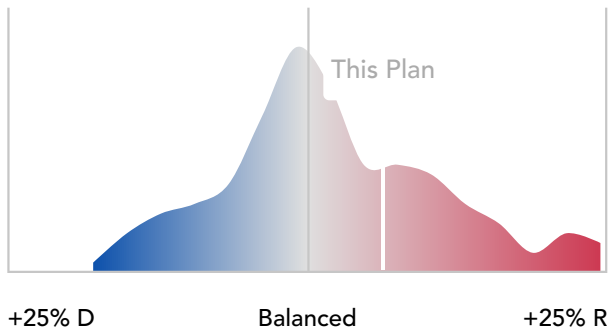
Declination: 0.17



The mean Democratic vote share in Democratic districts is expected to be 1.1% higher than the mean Republican vote share in Republican districts. Along with the relative fraction of seats won by each party, this leads to a declination that favors Republicans in 85% of predicted scenarios.*

[Learn more](#) ➔

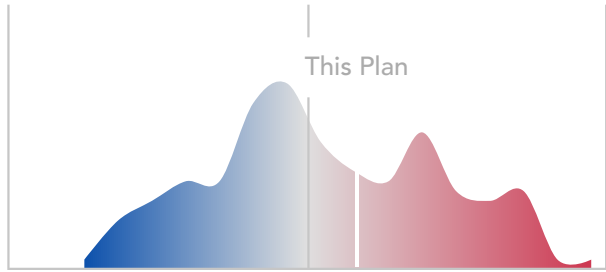
Partisan Bias: 6.3%



Republicans would be expected to win 6.3% extra seats in a hypothetical, perfectly tied election, favoring Republicans in 86% of predicted scenarios.*

[Learn more](#) ➔

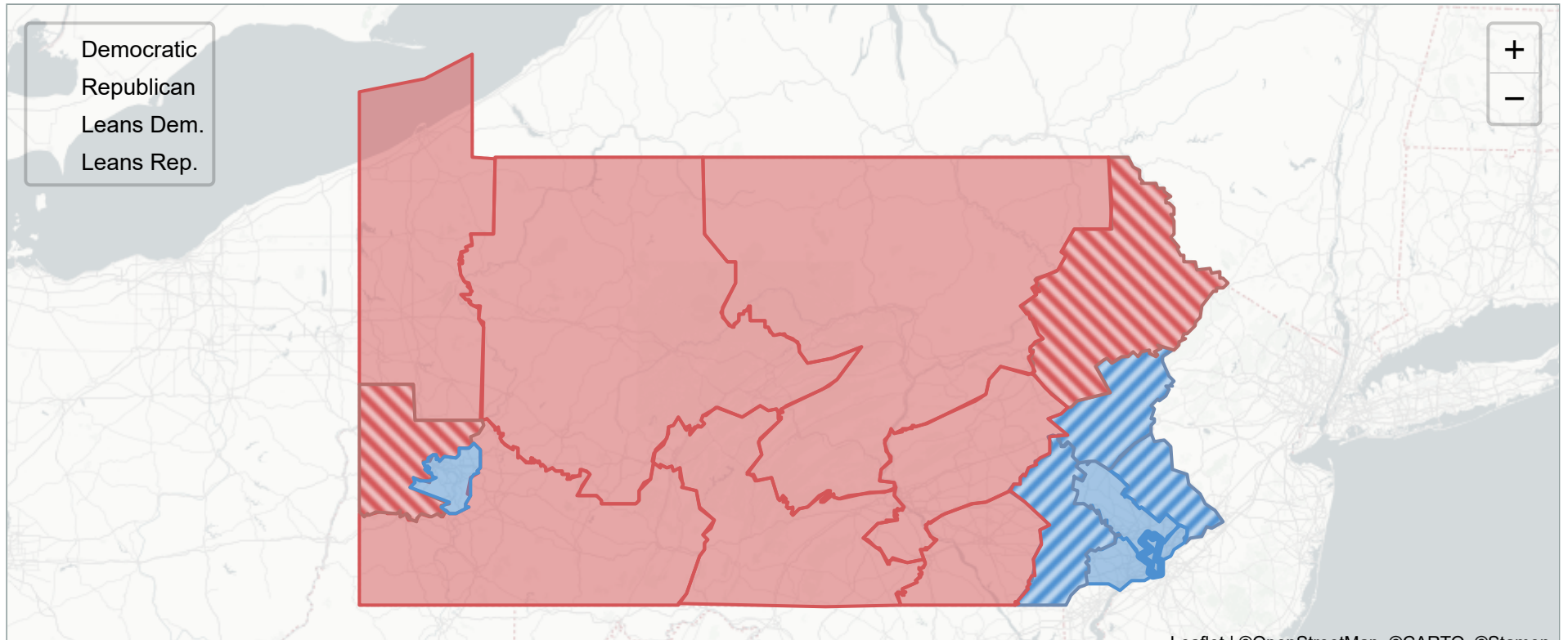
Mean-Median Difference: 2.0%



+12% D Balanced +12% R

The median Republican vote share is expected to be 2.0% higher than the mean Republican vote share, favoring Republicans in 86% of predicted scenarios.* [Learn more](#) ➔

District Map



District Data

District	Candidate Scenario	Pop. 2020	Hispanic CVAP 2019	Non-Hisp. Black CVAP 2019	Non-Hisp. Asian CVAP 2019	Non-Hisp. Native CVAP 2019	Chance of 1+ Flips [†]	Chance of Democratic Win	Predicted Vote Shares	Clinton (D) 2016	Trump (R) 2016
1	Open Seat	764,865	3.5%	3.9%	4.9%	0.3%	Yes	57%	51% D / 49% R	197,363	189,722
2	Open Seat	764,865	20.6%	26.6%	6.7%	0.4%	No	>99%	68% D / 32% R	217,734	71,664
3	Open Seat	764,865	4.0%	52.1%	5.1%	0.4%	No	>99%	78% D / 22% R	334,905	35,780
4	Open Seat	764,866	3.1%	9.9%	4.6%	0.2%	No	93%	58% D / 42% R	229,741	145,175
5	Open Seat	764,865	2.8%	22.8%	4.1%	0.3%	No	96%	60% D / 40% R	243,808	137,847
6	Open Seat	764,863	10.4%	6.2%	2.5%	0.3%	Yes	63%	52% D / 48% R	173,868	160,615
7	Open Seat	764,860	13.9%	5.5%	2.4%	0.3%	Yes	51%	50% D / 50% R	162,283	164,061
8	Open Seat	764,866	7.4%	5.3%	1.3%	0.4%	Yes	26%	47% D / 53% R	143,746	178,693
9	Open Seat	764,865	5.6%	8.2%	1.7%	0.4%	No	10%	43% D / 57% R	127,514	203,360
10	Open Seat	764,865	7.5%	4.2%	1.6%	0.3%	No	10%	43% D / 57% R	124,791	198,396
11	Open Seat	764,865	1.9%	2.3%	0.6%	0.5%	No	2%	35% D / 65% R	87,920	234,640
12	Open Seat	764,865	2.9%	3.8%	1.4%	0.4%	No	4%	39% D / 61% R	108,442	222,519
13	Open Seat	764,865	1.0%	3.2%	0.6%	0.3%	No	3%	38% D / 62% R	112,215	244,474
14	Open Seat	764,865	1.5%	2.7%	0.9%	0.4%	No	4%	39% D / 61% R	109,813	229,033

District	Candidate Scenario	Pop. 2020	Hispanic CVAP 2019	Non-Hisp. Black CVAP 2019	Non-Hisp. Asian CVAP 2019	Non-Hisp. Native CVAP 2019	Chance of 1+ Flips [†]	Chance of Democratic Win	Predicted Vote Shares	Clinton (D) 2016	Trump (R) 2016
15	Open Seat	764,865	1.7%	4.2%	0.8%	0.4%	No	10%	42% D / 58% R	132,740	212,647
16	Open Seat	764,865	1.2%	4.0%	1.6%	0.3%	Yes	31%	48% D / 52% R	172,911	205,336
17	Open Seat	764,865	1.8%	17.7%	2.1%	0.3%	No	96%	60% D / 40% R	246,649	137,244

Predicted seat share: 47% Democratic / 53% Republican vs. 50% D / 50% R vote share.

[Download raw data as tab-delimited text.](#)

Metric	Value	Favors Democrats in this % of Scenarios*	More Skewed than this % of Historical Plans [‡]	More Pro-Democratic than this % of Historical Plans [‡]
<u>Efficiency Gap</u>	5.6% Pro-Republican	19%	59%	19%
<u>Declination</u>	0.17 Pro-Republican	15%	58%	26%
<u>Partisan Bias</u>	6.3% Pro-Republican	14%	55%	24%
<u>Mean-Median Difference</u>	2.0% Pro-Republican	14%	26%	34%

* Scenarios are part of [the predictive model used to score this plan](#).

[†] 50%+ chance of one or more party flips assuming the plan is used for one decade with five State House elections, five U.S. House elections, or three State Senate elections.

[‡] Enacted [U.S. House](#), [State House](#), and [State Senate](#) plan metrics are featured in our [historical dataset](#).



PlanScore is a project of Campaign Legal Center.

