



GeoJson.json

State

Pennsylvania

Legislative

U.S. House

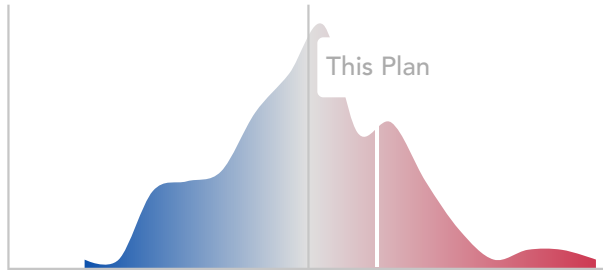
Added to PlanScore

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

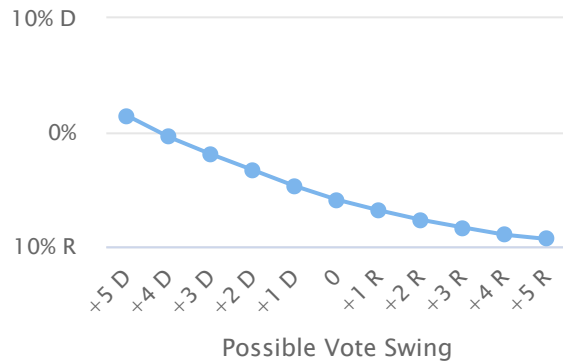
Efficiency Gap: 5.9%



+25% D Balanced +25% R

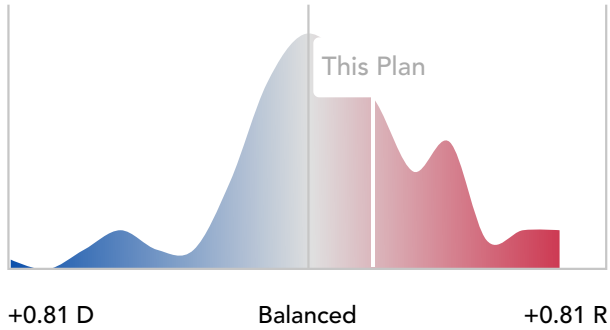
Votes for Republican candidates are expected to be inefficient at a rate 5.9% lower than votes for Democratic candidates, favoring Republicans in 81% of predicted scenarios.* [Learn more](#) >

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.

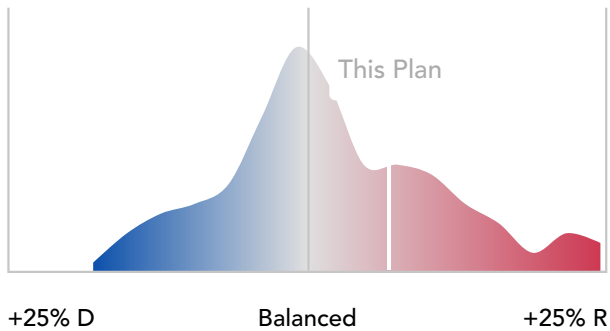
Declination: 0.18



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](#) >

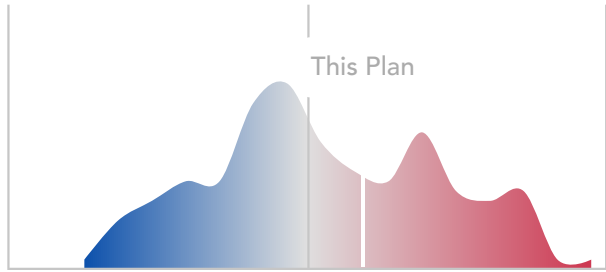
Partisan Bias: 6.9%



Republicans would be expected to win 6.9% extra seats in a hypothetical, perfectly tied election, favoring Republicans in 89% of predicted scenarios.*

[Learn more](#) >

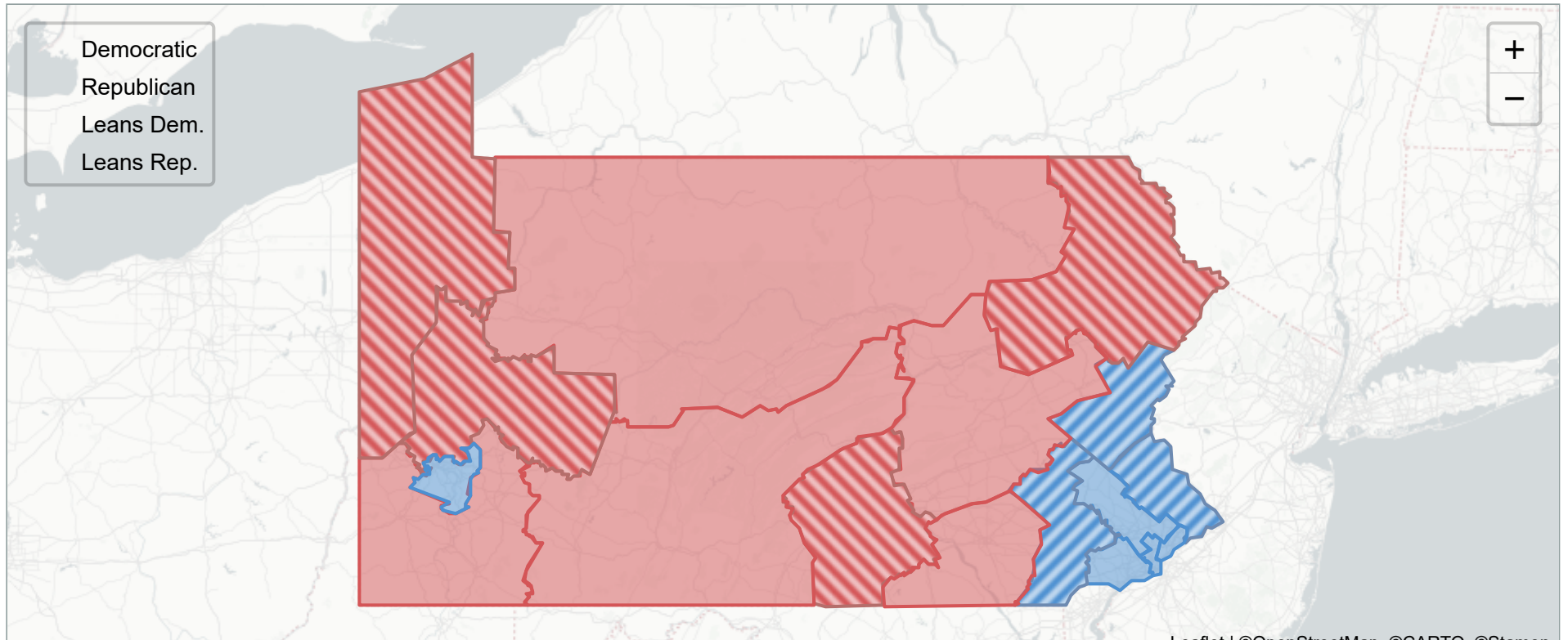
Mean-Median Difference: 2.2%



+12% D Balanced +12% R

The median Republican vote share is expected to be 2.2% higher than the mean Republican vote share, favoring Republicans in 89% 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	764,864	4.0%	52.1%	5.1%	0.4%	No	>99%	78% D / 22% R	334,898	35,780
4	Open Seat	764,866	3.1%	9.9%	4.6%	0.2%	No	93%	58% D / 42% R	229,853	145,248
5	Open Seat	764,864	2.8%	22.8%	4.1%	0.3%	No	96%	60% D / 40% R	243,806	137,839
6	Open Seat	764,867	10.3%	6.1%	2.4%	0.3%	Yes	63%	52% D / 48% R	173,742	160,514
7	Open Seat	764,865	14.2%	5.9%	2.4%	0.3%	Yes	53%	51% D / 49% R	163,436	161,865
8	Open Seat	764,865	7.0%	4.9%	1.3%	0.4%	Yes	23%	46% D / 54% R	141,741	183,853
9	Open Seat	764,865	4.4%	3.6%	1.3%	0.4%	No	4%	39% D / 61% R	109,164	218,201
10	Open Seat	764,865	5.2%	8.4%	1.9%	0.4%	Yes	17%	45% D / 55% R	135,630	192,960
11	Open Seat	764,865	6.6%	3.5%	1.5%	0.3%	No	8%	42% D / 58% R	119,873	204,148
12	Open Seat	764,865	1.5%	2.7%	0.9%	0.5%	No	3%	38% D / 62% R	104,027	228,048
13	Open Seat	764,864	1.7%	3.0%	0.6%	0.4%	No	1%	34% D / 66% R	85,708	250,826
14	Open Seat	764,865	1.0%	3.3%	0.9%	0.3%	No	7%	41% D / 59% R	126,837	228,865

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	764,862	1.0%	4.6%	1.3%	0.3%	Yes	16%	45% D / 55% R	156,006	218,839
16	Open Seat	764,863	1.7%	5.2%	0.7%	0.4%	Yes	14%	44% D / 56% R	140,154	204,340
17	Open Seat	764,865	1.8%	16.0%	2.2%	0.3%	No	96%	60% D / 40% R	246,469	138,494

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 [‡]
Efficiency Gap	5.9% Pro-Republican	19%	59%	19%
Declination	0.18 Pro-Republican	15%	59%	26%
Partisan Bias	6.9% Pro-Republican	11%	59%	22%
Mean-Median Difference	2.2% Pro-Republican	11%	36%	31%

* 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.

