

The Plan Library is live!

[See proposed plans from across the country.](#)



Districts1 2021-10-15.json

State

Massachusetts

Legislative

U.S. House

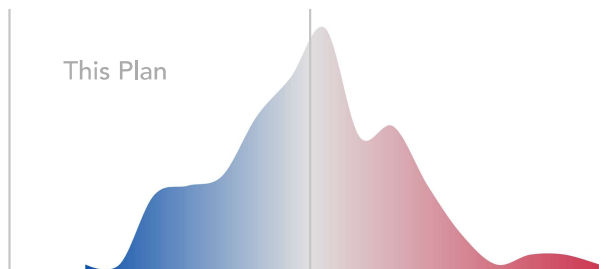
Added to PlanScore

Oct. 15, 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: 20.9%

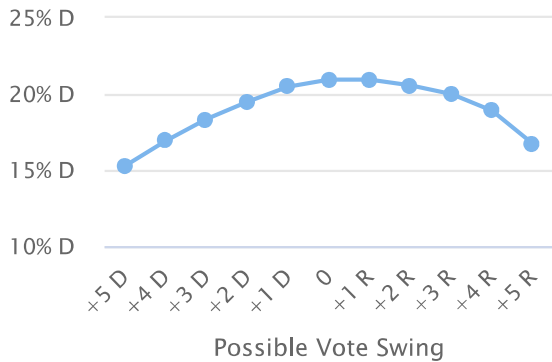


+25% D Balanced +25% R

The Plan Library is live!

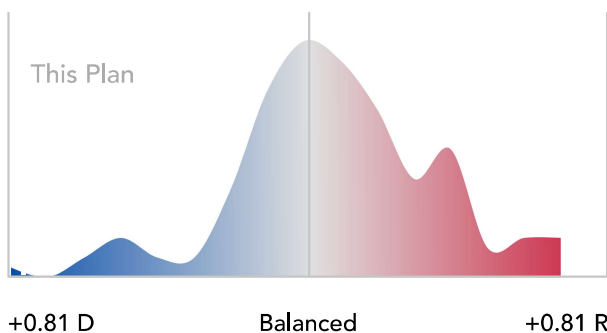
Votes for Democratic candidates are expected to be inefficient at a rate 20.9% lower than votes for Republican candidates, favoring Democrats in 99% of predicted scenarios. * [Learn more](#) >

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: 0.76



The mean Republican vote share in Republican districts is expected to be higher than the mean Democratic vote share in Democratic districts. Along with the relative fraction of seats won by each party, this leads to a declination that favors Democrats in 85% of predicted scenarios. * [Learn more](#) >

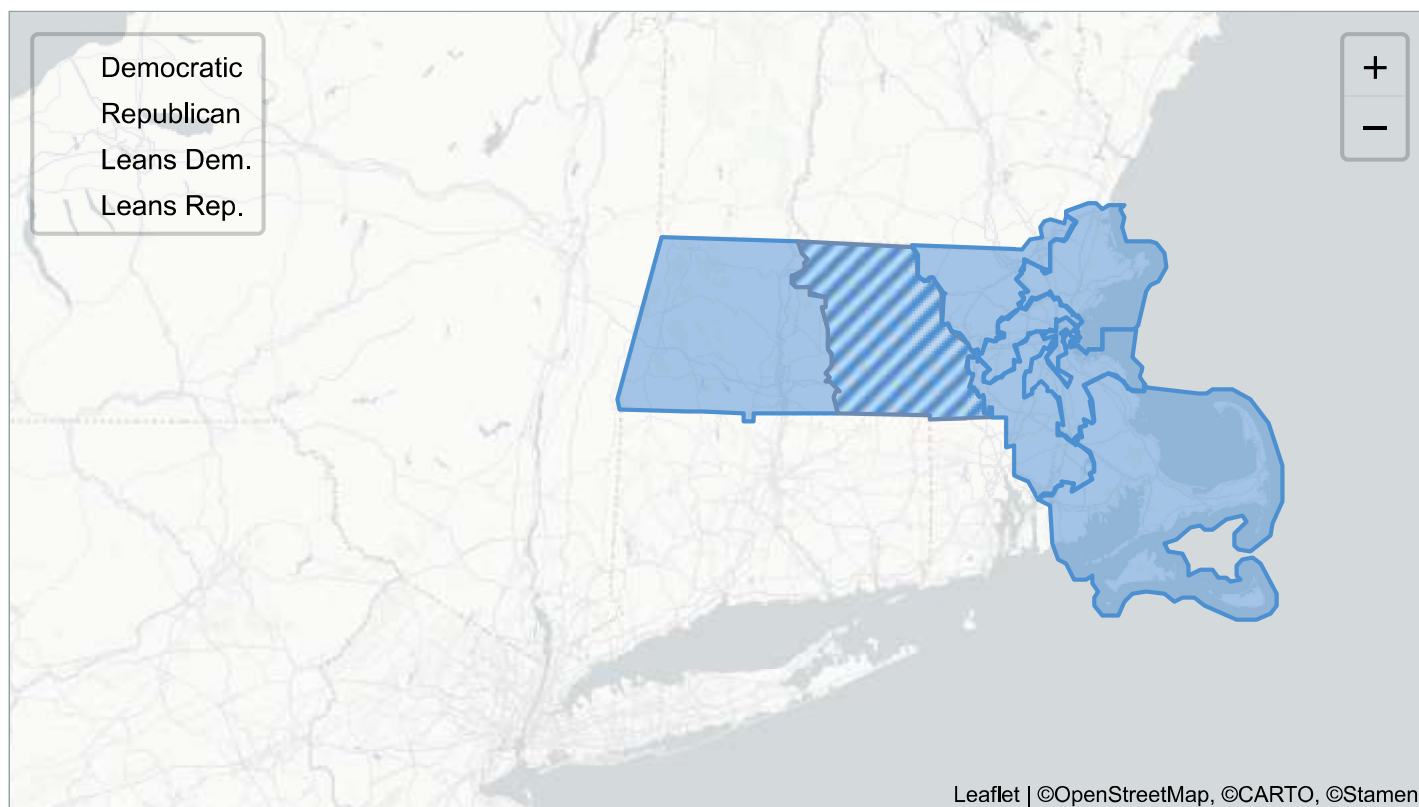
Partisan Bias

The parties’ statewide vote shares are 62.0% (Democratic) and 38.0% (Republican) based on the model. Partisan bias is shown only where the parties’ statewide vote shares fall between 45% and 55%. Outside this range the metric’s assumptions are not plausible.

Mean-Median Difference

The parties' statewide vote shares are 62.0% (Democratic) and 38.0% (Republican) based on the model. **The Plan Library is live!** mean-median difference is shown only where the parties' statewide vote shares fall between 45% and 55%. [See proposed plans from across the country.](#) Outside this range the metric's assumptions are not plausible.

District Map



District Data

District	Candidate Scenario	Pop. 2020	Non-Hisp. Black CVAP 2019	Hispanic CVAP 2019	Non-Hisp. Asian CVAP 2019	Non-Hisp. Native CVAP 2019	Chance of 1+ Flips [†]	Chance of Democratic Win	Predicted Vote Shares
1	Open Seat	781,102	5.6%	14.0%	2.3%	0.5%	No	98%	61% D / 39% R
2	Open Seat	781,103	3.8%	8.4%	3.5%	0.5%	Yes	82%	55% D / 45% R
3	Open Seat	781,103	3.1%	14.6%	7.0%	0.4%	No	97%	60% D / 40% R
4	Open Seat	781,102	3.0%	3.8%	4.9%	0.3%	No	97%	61% D / 39% R
5	Open Seat	781,101	5.2%	6.5%	8.9%	0.3%	No	>99%	69% D / 31% R

The Plan Library is live!

See proposed plans from across the country.

District	Candidate Scenario	Pop. 2020	Non-Hisp. CVAP 2019	Black/Hispanic CVAP 2019	Non-Hisp. Asian CVAP 2019	Non-Hisp. Native CVAP 2019	Chance of 1+ Flips [†]	Chance of Democratic Win	Predicted Vote Shares
9	Open Seat	781,103	3.1%	3.6%	1.3%	0.7%	No	88%	56% D / 44% R

[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>	20.9% Pro-Democratic	99%	>99%	>99%
<u>Declination</u>	0.76 Pro-Democratic	85%	>99%	>99%
<u>Partisan Bias</u>	N/A	N/A	N/A	N/A
<u>Mean-Median Difference</u>	N/A	N/A	N/A	N/A

Freedom to Vote Act Races

[Section 5003\(c\)\(3\) of the FTVA](#) specifies that partisan fairness should be assessed using a state's two most recent elections for U.S. President and two most recent elections for U.S. Senate.

U.S. President 2020: 15.8%

Under this plan, votes for the Democratic candidate were inefficient at a rate 15.8% lower than votes for the Republican candidate.

U.S. President 2016: 20.7%

Under this plan, votes for the Democratic candidate were inefficient at a rate 20.7% lower than votes for the Republican candidate.

U.S. Senate 2020: 16.6%

Under this plan, votes for the Democratic candidate were inefficient at a rate 16.6% lower than votes for the Republican candidate.

U.S. Senate 2018: 25.0%

The Plan Library is live!

Under this plan, votes for the Democratic candidate were inefficient at a rate 25.0% lower than votes for the See proposed plans from across the country Republican candidate.

* 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.

