Originally Proposed vs. Sept 15 GOP: SENATE DISTRICTS

	ORIGINAL GOP	*SEPT 15 GOP*
REPUBLICAN DISTRICTS	**23**	**23**
DEMOCRATIC DISTRICTS	**8**	**9**
COMPETITIVE	**2***	**1****

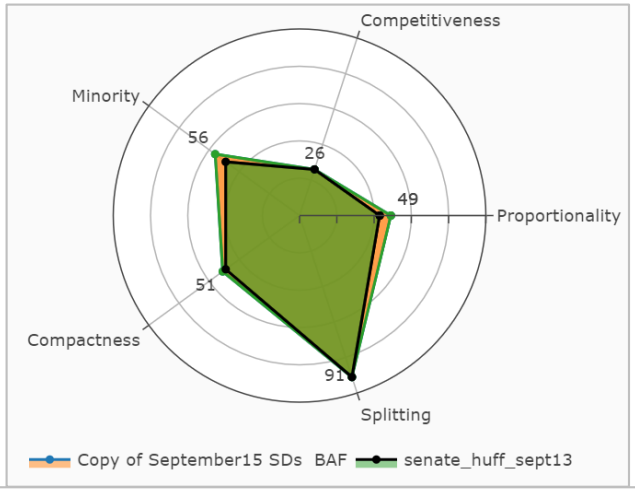
* Difference between Democratic and Republican voting percentage is less than 1%

** Difference between Democrat voters and Republican voters is *0.09%*

Updated GOP map scores slightly higher in terms of **Proportionality, Minority Representation,** and **Compactness.** No change in score for **Competitiveness** or **Splitting**. The updated map still provides advantage to Republican Party:

- Closest to true 'Representational Fairness' would be 18R and 15D districts
- Updated map has 23R, 9D, with 1 tossup

Updated GOP map has one additional **Minority-Majority** district – from 2 (original) to 3 (updated); there is no change in number of **Opportunity Districts**.



*Comparative analysis between **Originally Proposed GOP** (green) and **Updated Sept 15 GOP.** (orange) maps.*

***Efficiency Gap**:* captures in a single number the extent to which district lines crack and pack one party's voters more than the other party's voters. *In other words*, how many votes are either **wasted** because of excess votes that are not needed because your candidate will win due to partisan advantage or **wasted** because your candidate has no chance of winning.

- **Originally Proposed GOP map**: Votes for Republican candidates are expected to be inefficient at a rate **10.2%** lower than votes for Democratic candidates, favoring Republicans in 98% of predicted scenarios.
- **Updated Sept 15 GOP map**: Votes for Republican candidates are expected to be inefficient at a rate **9.2%** lower than votes for Democratic candidates, again favoring Republicans in 98% of predicted scenarios.

- In comparison to the Originally Proposed map, the Sept 15 GOP map reduces only very negligibly the inefficiencies in voting for Democratic candidates (so there is less cracking and packing). Democratic voting is still far more inefficient than Republican. More inefficiency = more wasted votes.