

Bernie Plan "A"

The goal of this plan is to maximize the percentage of Bernie Sanders (2016) voters in each Ward, while packing Hillary Clinton (2016) supporters into as few Wards as possible.

Bernie Wards:

2 above 60%

8 above 55%

11 above 50%.

District	Population	Sanders %
6	6,541	75.0
11	6,490	60.6
15	6,587	57.8
4	6,520	57.6
14	6,480	57.0
9	6,516	57.0
12	6,540	56.7
1	6,560	56.4
5	6,482	52.5
8	6,584	50.8
10	6,591	50.3
2	6,513	44.3
13	6,552	43.9
3	6,479	43.0
7	6,567	40.8

Map by Andy Arthur, 5/28.

How was this created?

1. 2020 Population Blocks, Created 2,500 simulated redistricting plans using redist R package with a 1% population variance allowed.
2. Using LATFOR data, calculated the median 2016 Sanders vs. Clinton vote for each plan's proposed districts
3. Search for the plan with the highest median Sanders vote across all Wards
4. Exported via sf to a Geopackage and loaded in QGIS

Is this plan legal, constitutional, or even serious?

Absolutely not. The districts are contiguous and equal population but likely violate the Voting Rights Act among other things. But it's a fun experiment in mapping and using Sequential Monte Carlo to gerrymander.

