

REDISTRICTING MAPS SUBMITTAL

Utilizing free public software via Dave's Redistricting App (DRA)

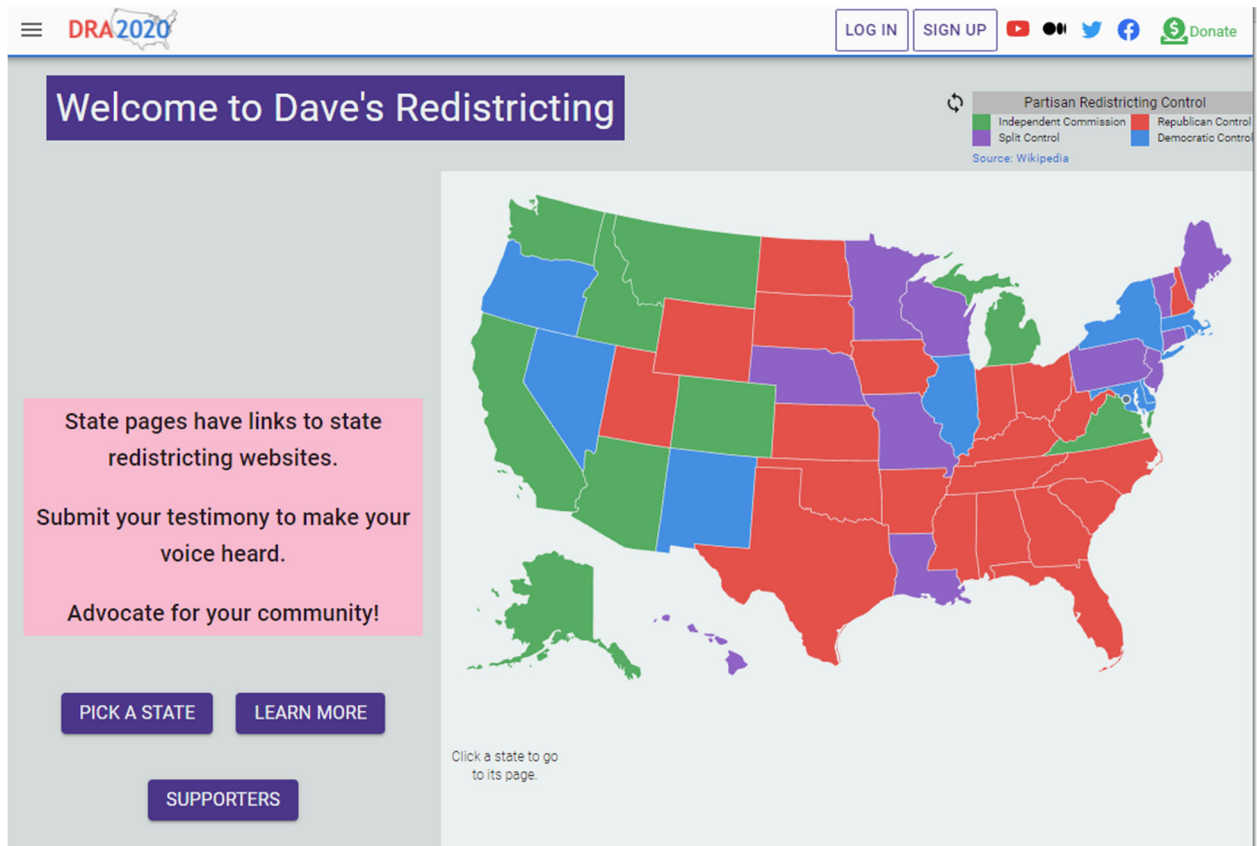
- <http://davesredistricting.org>

All 2020 census block demographics and count information is available via the website.

All current Fort Bend County voting precincts and their shapefiles are available via the website.

Settings are available to create maps and counts for export to standards that FBC IT needs.

- 1) Create free account at DRA website at top bar -> "SIGN UP"



2) Choose "New Map". Create map for State of Texas, Fort Bend County, four (4) precincts.

New MapNew CommunityImport

Map Settings

Name

Sample FBC

State

Texas

Shapes

2020 Precincts

Plan Type

Other

Restrict To

Fort Bend

District Count

4

Districts Have Equal Population

☒

Label

Color

Target Pop

1

205695

2

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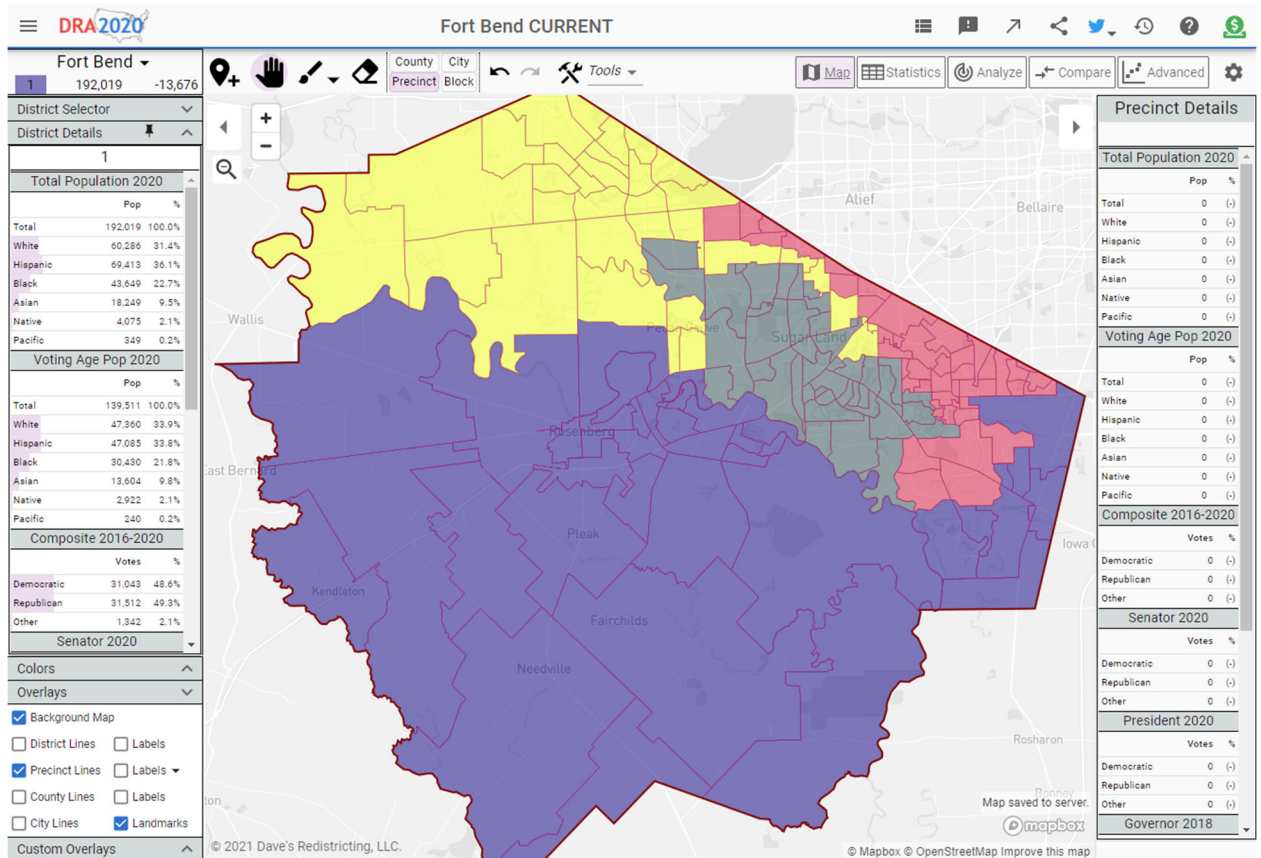
3

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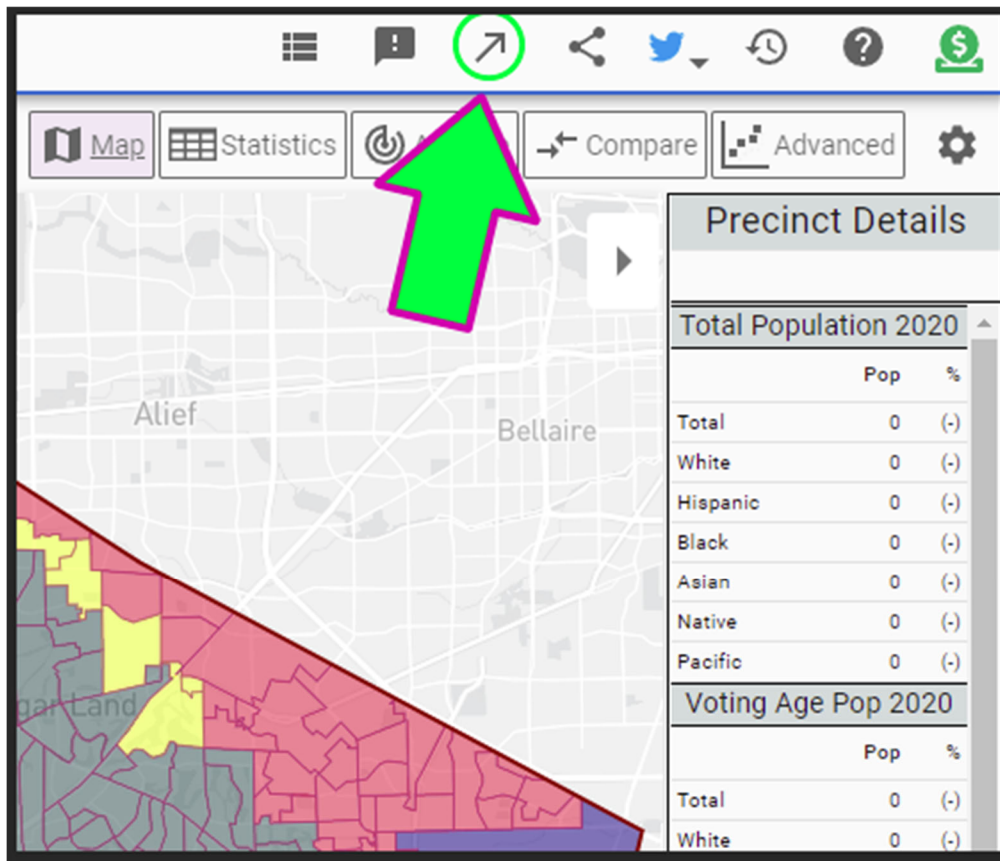
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- 3) Use the paintbrush and Precinct / Block options to create a map.
 - Use the “Statistics” button at the top right to verify population counts / variance / district lines / contiguous shapes



- 4) When satisfied with the map layout and settings, choose the export function at the top right.



5) Choose the appropriate export function.

If you are ready to submit a final “District Shapes” map to IT

– choose the appropriate option “District Shapes (as.geojson), and click “EXPORT”

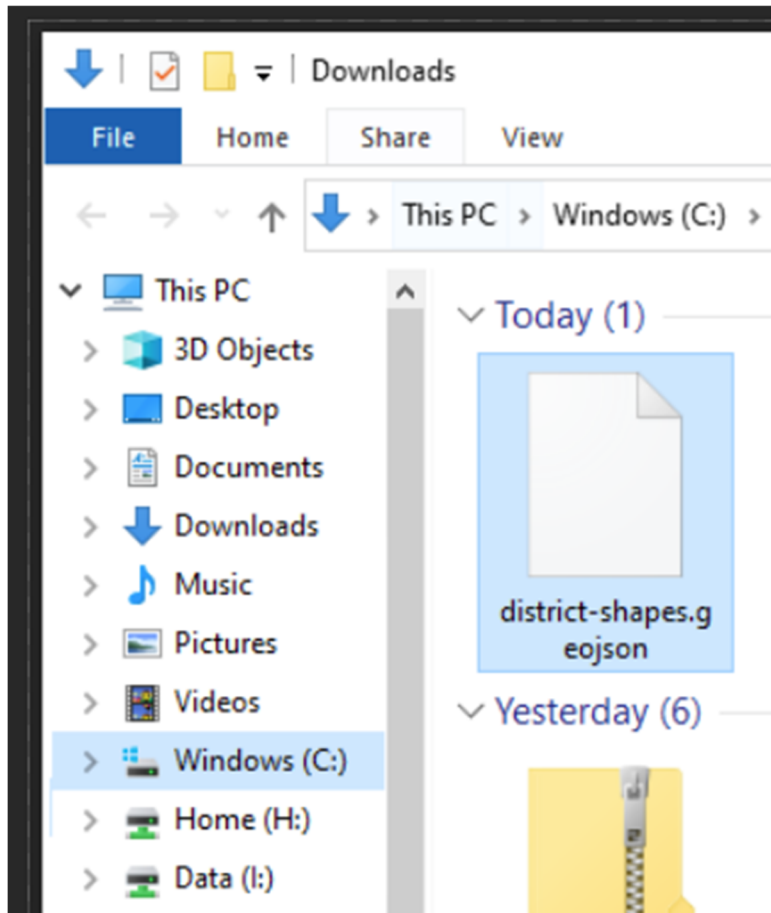
Export Map to a File

Select an export format and click Export.

<input type="radio"/>	Block Assignment (as .csv)	A mapping of census blocks to district IDs
<input type="radio"/>	Precinct Assignment (as .csv)	A mapping of precincts to district IDs
<input type="radio"/>	District Data (as .csv)	All census and election data (except PVI) aggregated by district
<input type="radio"/>	Map Analytics (as .json)	Basic and advanced analytics
<input type="radio"/>	District Abstract (as .json)	Selected district data used by analytics
<input checked="" type="radio"/>	District Shapes (as .geojson)	District shape geometry
<input type="radio"/>	Map Image (as .png)	An image of the state showing the districts
<input type="radio"/>	Map Archive (as .json)	An archive that can be reimported

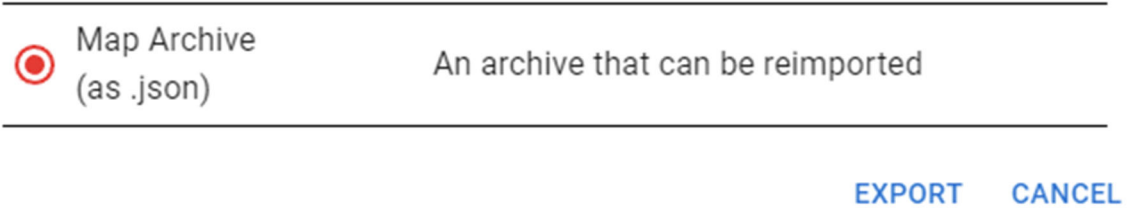
[EXPORT](#) [CANCEL](#)

- 6) The exported file will be in .geojson format. That file should be sent to IT so that they may upload it into their system for the eventual public facing website.



- 7) Alternatively, you can choose the bottom export option to export the entire “Map Archive”

That file can be re-uploaded into your DRA app account, or any other DRA account via that website.



- 8) Your original “District Shapes.geojson” file can also be converted to a .SHP file that is usable via import to ArcGIS, ESRI, Google Maps or Google Earth.

To convert from .GEOJSON to .SHP, the following free conversion website is available. No signup is necessary – simply drag & drop or browse files and follow the instructions.

<https://mygeodata.cloud/converter/geojson-to-shp>

