OFFICE OF THE CHAMPAIGN COUNTY EXECUTIVE

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Champaign County Redistricting Software Overview

The delay in the release of the 2020 Census data created a less than ideal situation for redistricting software. As such, Champaign County is utilizing the ArcMap Districting for ArcGIS extension with the 2020 ESRI demographic data. This is the same software used for the 2010 County Board Redistricting process. The initial plan was to utilize the ESRI Redistricting Solution, a web-based mapping solution. The ESRI Redistricting Solution provides tools and step-by-step instructions for interested parties to create, analyze, share, and submit maps for consideration. Unfortunately, due to the uncertainty surrounding redistricting in Illinois brought about by the delay of the 2020 Census data, there was not enough time to implement this solution. However, to encourage the submission of maps by those interested in the development of a 2020 County Board district map, links to free web-based mapping tool, Dave's Redistricting *(DRA 2020)*, are found below.

Please note the following:

1. Dave's Redistricting was created for State redistricting efforts; however it can be used for local redistricting – *please see **Instructions for using DRA for Local Redistricting** for more details.*
2. This tool references 2020 Census geographies and 2018 American Community Survey demographic estimates. Maps submitted and considered by the County Executive/Advisory Group will be re-analyzed using the 2020 ESRI demographics data. *Details to share and export created maps are provided below.*

DRA 2020 – Free Online Redistricting Tool

DRA 2020 or Dave's Redistricting is found at the following link: https://davesredistricting.org/maps#home

Information and Instructional Links

- About DRA:
  https://medium.com/dra-2020/about-dra-88e8feb797e8
- Getting Started in DRA 2020:
  https://medium.com/dra-2020/getting-started-in-dra-2020-84b76e6ae014
- Drawing 2020 Maps:
  https://medium.com/dra-2020/drawing-2020-maps-45115d21fade
- Instructions for using DRA for Local Redistricting:
  https://medium.com/dra-2020/local-redistricting-a075c1f6e97f
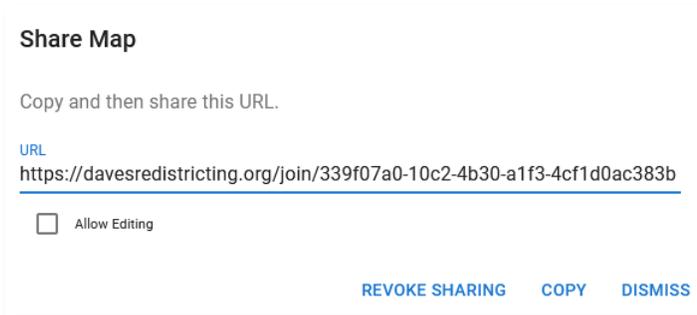- Tools for Analyzing Maps:
  https://medium.com/dra-2020/whats-new-in-dra-2020-8aec1c9f663

The sharing (red box) and export (red circle) tools are found on the upper right-hand corner of the DRA Mapping interface.

Sharing your DRA Map

- Click on the Sharing Icon
- When Clicked, the **Share Map** window will open
- Copy the URL and send to others for review or editing
  - To allow editing, the *Allow Edit* check box must be selected

Share Map

Copy and then share this URL.

URL
https://davesredistricting.org/join/339f07a0-10c2-4b30-a1f3-4cf1d0ac383b

☐ Allow Editing

REVOKE SHARING   COPY   DISMISS

Exporting your DRA Map

- Click on the Export Icon
- When Clicked, the **Export Map to a File** window will open
- To submit the map to the County, select *Block Assignment (as csv)*
- Email the file to: ccgisc@co.champaign.il.us

  Make sure to include your contact information and any comments you would like share.

Export Map to a File

Select an export format and click Export.

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

EXPORT   CANCEL