Census and resdistricting data tutorials and resources

Topline resource recommendations from the Associated Press

Summary of data that has been released in Census interactives and press release for you to use now:

- Press kit: https://www.census.gov/newsroom/press-kits/2021/2020-census-redistricting.html
- Transcript of the press call can be found here: https://www.census.gov/content/dam/Census/newsroom/press-kits/2021/redistricting/20210812-remarks-redistricting-news-conference.pdf
- Press release with a lot of info: https://www.census.gov/newsroom/press-releases/2021/population-changes-nations-diversity.html
- Site with 2020 population and housing counts from Census (and change from 2010): https://www.census.gov/library/visualizations/interactive/2020-population-and-housing-state-data.html
- Race & Ethnicity interactive maps here for quick lookups: https://www.census.gov/library/visualizations/interactive/racial-and-ethnic-diversity-in-the-united-states-2010-and-2020-census.html

New mapping tool from Census Reporter

While the Census Bureau provides plenty of data, they don't always provide it in the format you need. Specifically, the Census Bureau doesn't tabulate data for city neighborhoods and other kinds of locally important geographies. While it's technically possible to add up (or "aggregate") data for Census blocks, block groups, or tracts, the process of identifying, gathering, and summing the right data can be pretty complicated.

Census Reporter makes it easy

Census Reporter has created a new tool to make this as easy as we can. All you need is a digital map (GeoJSON or ESRI Shapefile format). Upload the file to Census Reporter and we'll process it so that you can download the 2020 Redistricting data summarized for your places.

R tutorial

Carolina Demography, an applied demography group at UNC Chapel Hill, has created a guide – with code – on how to compare 2010 Census redistricting data to 2020 Census redistricting data. This tutorial uses R and covers:

1. How to access 2020 Census data
2. **NC Special:** Adjusting 2020 Census data to reflect North Carolina's 2019 redistricting plans
3. How to obtain historical Census data for comparison
4. How to convert historical Census data into 2020 Census boundaries
5. How you can analyze the data

https://www.ncdemography.org/2021/08/11/census-2020-story-recipe-how-to-find-and-explore-census-data/

Carolina Demography also published a guide to forthcoming data releases and questions you can answer about them:

https://www.ncdemography.org/2021/08/10/deep-dive-census-data-products/

A long piece on how the Census ensures complete and accurate data:

https://www.ncdemography.org/2021/08/10/how-the-census-bureau-ensures-complete-and-accurate-data/

And a deep dive into redistricting that is most specific to North Carolina: https://www.ncdemography.org/2021/08/02/preview-what-redistricting-means-for-north-carolina/.

The group is happy to answer questions and provide support to those using census data.