

SOC 4650/5650: Lab 4-1 - The 1830 Census

Christopher Prener, Ph.D.

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Directions

Using data accessed from the `module-4-arcgis-online` repository, create the online maps below related to Missouri in 1830. Links to your Feature Layers and both maps should be added to an issue in your GitHub assignments repository by **Monday, April 4thth** at 4:15pm.

Analysis Development

The goal of this section is to create the hosted Feature Layer in ArcGIS Online's content section needed to make both maps below. Please ensure **all** required elements are present. You will need the `.geojson` file included in the `data/lab-data/` subfolder in the `module-4-arcgis-online` repository. Once you have uploaded the `.geojson` file, fill out the metadata with a quick description as well as a note about the licensing restrictions (see the `module-4-arcgis-online` repository's `README.md` file).

Part 1: Mapping Missouri

Using the hosted Feature Layer with the 1830 Census data, create a reference map where Missouri is in feature and there are two ground layers - other U.S. Territories and States in one layer and the contested Oregon Country (claimed by both Great Britain and the U.S.) in the other layer. All three should be based on the same Feature Layer, but symbolized differently.

Part 2: Mapping Population

Using the hosted Feature Layer with the 1830 Census data, create a thematic choropleth map of 1830 Census population data (appropriately normalized) where there are two ground layers - other U.S. Territories with no data in one layer and the contested Oregon Country (claimed by both Great Britain and the U.S.) in the other layer.

All three should be based on the same Feature Layer, but symbolized differently.