

Digital Mapping & Libraries

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Priddy Library, The Universities at Shady Grove

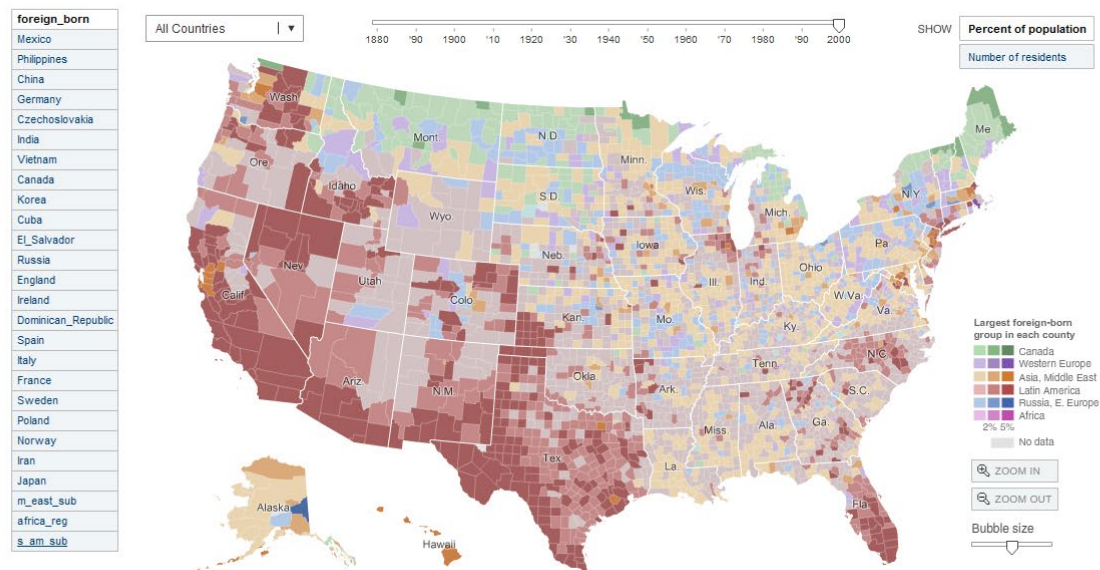
What is GIS?

- Geographic Information System
- “a system for the management, analysis, and display of geographic information”
(*What is ArcGIS*, ESRI Press, 2004)
 - Mapmaking software
 - A way to visualize information

Why GIS?

Immigration Explorer

Select a foreign-born group to see how they settled across the United States.



Note: Due to limitations in the Census data, foreign-born populations are not available in all areas for all years.

http://www.nytimes.com/interactive/2009/03/10/us/20090310-immigration-explorer.html?_r=1&

Why GIS?



Why GIS?



<http://socialsciences.cornell.edu/wpcontent/uploads/2015/10/>

How I Began to Learn It

The Coursera logo, featuring the word "coursera" in a blue, sans-serif font with a stylized infinity symbol for the "o".

coursera

Maps & the
Geospatial Revolution

The Esri logo, featuring the word "esri" in white, lowercase letters on a blue square background.

esri



GIS Certificate Course



Academic Libraries & GIS

- Workshops
- Course-specific sessions
- <http://libguides.shadygrove.umd.edu/gispublichistory>

School Libraries & GIS

- Esri Lesson Plans & Resources

<http://www.esri.com/connected>

- Google Maps & Earth – Education

<https://www.google.com/help/maps/education/>

All Libraries

- Promote Services & Collections

[Alan Lomax Online Archive](#)

[Stanford University Librarians](#)

- Holidays/Special Events

[World Cup of Books](#)

- Library History

[Priddy Library History of Outreach & Cultural Exhibits/Events](#)

- Exhibit Extensions

[Southern California Steelhead Story](#)

- Local Resources

[B'More Farm & Food Map](#)

Other Mapping Tools

- Carto (formerly CartoDB): <https://carto.com/>
- Google My Maps: <https://www.google.com/mymaps>
- Mapbox: <https://www.mapbox.com/>
- MapStory: <https://mapstory.org/>
- OpenStreetMap: <http://www.openstreetmap.org>
- QGIS: <http://www.qgis.org/en/site/>
- Scribble Maps: <http://www.scribblemaps.com/>

Group Map: Characters from Favorite Books

<http://ter.ps/csd>

Questions/Discussion



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