

RECOMMENDED READING FOR MAPPING

Monmonier, Mark. (1996.) *How to lie with maps. 2nd edition.* Chicago: University of Chicago Press. ISBN 978-0226534213. 207 pp.

This lively, cleverly illustrated essay on the use and abuse of maps teaches us how to evaluate maps critically and promotes a healthy skepticism about these easy-to-manipulate models of reality. Monmonier shows that, despite their immense value, maps lie. In fact, they must.

Clemmer, Gina. (2010.) *The GIS 20 Essential Skills.* Redland, CA: ESRI Press. ISBN 978-1-58948-256-2. 140 pp. An easy-to-understand guide that emphasizes the top twenty skills most people need to master to be successful using GIS. Can be used for independent study or as a reference.

Mapmaking Guide. (2005). National Geographic Expeditions.

<http://www.nationalgeographic.com/xpeditions//lessons/09/g68/cartographyguidestudent.pdf>

A guide for use with students, provides the basics, and has a good list of other resources.

GIS Manual Elements of Cartographic Style. (n.d.) Harvard University Graduate School of Design. <http://www.gsd.harvard.edu/gis/manual/style/>

A nice guide that includes a list of elements that every map should have.

OTHER MAPPING SOFTWARE

QGIS, aka Quantum GIS - <http://www.qgis.org/>

GeoCommons - <http://geocommons.com/>

GIS Cloud - <http://www.giscloud.com/>

Click2Map - <http://www.click2map.com/>

FlashMaps - <http://www.flashmaps.com/>

IndieMapper - <http://indiemapper.com/>

MapCite - <http://www.mapcite.com/>

UDig - <http://udig.refractions.net/>

gvSIG - <http://www.gvsig.org/web/>

SagaGIS - <http://www.saga-gis.org/en/index.html>

D3 - <http://d3js.org/>

Tableau - <http://www.tableausoftware.com/>

TargetMap – www.targetmap.com

Google Fusion Tables - <http://www.google.com/drive>

MAPPING RESOURCES

Random Samplings: The official blog of the U.S. Census Bureau

<http://blogs.census.gov/2013/06/27/resources-for-mapping-census-data/>

Census Data Mapper

<http://www.census.gov/geo/maps-data/maps/datamapper.html>

Provides users with a simple interface to view, save and print county-based demographic maps of the US. The data are from the 2010 Census. County-based data only. Limited to 18 different categories of data.

Census Flows Mapper (still in beta)

<http://flowsmapper.geo.census.gov/flowsmapper/flowsmapper.html>

A web mapping application intended to provide users with a simple interface to view, save and print county-to-county migration flows maps of the United States. The data are from the 2006-2010 American Community Survey.

Metro and Micro Area Population Map Viewer

http://www.census.gov/population/metro/data/thematic_maps.html

A web-based map application built to display demographic data at the 2010 census tract level, with metropolitan and micropolitan statistical area and U.S. data provided for context, for the United States and Puerto Rico. Limited to 34 different categories of data.

Small Area Income and Poverty Estimates (SAIPE) Interactive Tool

<http://www.census.gov/did/www/saipe/data/interactive/#>

This application combines data tables and mapping capabilities to display statistics at the state, county, and school district level.

County Business Patterns and Demographic Interactive Maps -

<http://www.census.gov/cbdmap/>

County Business Patterns provides annual statistics for businesses with paid employees within the U.S. and Puerto Rico. The interactive map provides business and population counts and details about Industries, Age, Sex Race, Ethnicity and Housing Status. The map includes data from the County Business Patterns program and the 2010 Census.

OnTheMap - <http://onthemap.ces.census.gov/>

A web-based mapping and reporting application that shows where workers are employed and where they live, and provides an easy-to-use interface for creating, viewing, printing and downloading workforce related maps, profiles, and underlying data. It also provides companion reports on age, earnings, industry distributions, race, ethnicity, educational attainment, and sex.

Thematic Maps - <http://www.census.gov/geo/maps-data/maps/thematic.html>

A selection of maps on different topics, presented in pdf files. Topics include agriculture; centers of population; population change, density, distribution, estimates, and profiles; race and ethnicity; sex; and urban areas.

Fusion Tables Example Gallery - <https://sites.google.com/site/fusiontablestalks/stories>

Data Visualization Gallery - <http://www.census.gov/dataviz/>

Shows a wide variety of ways to visualize different types of data, beyond the thematic map.

2011 Language Mapper -

http://www.census.gov/hhes/socdemo/language/data/language_map.html

Story Maps from the Census Bureau

<http://www.census.gov/dataviz/visualizations/mapss/?eml=qd>