



GeoTools: Mapping and Analysis on the Web

Mapping People at Places: US Census and Beyond

1. American Fact Finder's Thematic Maps: <http://factfinder.census.gov>
2. Labor Employment Dynamics: <http://lehd.dsd.census.gov/led/datatools/onthemap.html>
3. CensusScope: <http://censusscope.org>
4. SocialExplorer: <http://socialexplorer.com>
5. CensusTrax: <http://censustrax.com>
6. CIESEN's Demog Data Viewer: <http://plue.sedac.ciesin.columbia.edu/plue/ddviewer/>
7. Modern Language Association's Language Map: http://www.mla.org/census_map
8. CommonCensus Project: <http://www.commoncensus.org/>
9. Cartograms on hundreds of variables: <http://www.worldmapper.org>
10. Nationmaster: <http://www.nationmaster.com>
11. Statemaster: <http://www.statemaster.com>

Virtual Globes: Explore the Planet in 3D

12. ESRI's ArcGIS Explorer: <http://www.esri.com/arcgisexplorer>
13. NASA's Worldwind: <http://worldwind.arc.nasa.gov>
14. Google Earth: <http://earth.google.com>
15. SkylineSoft's TerraExplorer: <http://www.skylinesoft.com>
16. SkylineGlobe: <http://www.skylineglobe.com>

Mapping Your Own Places: Geocoding and Beyond

17. GPS Visualizer: <http://gpsvisualizer.com>
18. Batch Geocoding: <http://www.batchgeocode.com>
19. Wayfaring: <http://www.wayfaring.com/>
20. Zee Maps: <http://www.zeemaps.com>
21. Your G Map: <http://yourgmap.com>
22. Platial: <http://www.platial.com>
23. Fresh Logic Atlas: <http://atlas.freshlogicstudios.com/>
24. The Student Data Mapper: <http://kangis.org/mapping/sdm/>
25. ArcIMS User Sites Registry: <http://www.esri.com/software/internetmaps/index.html>
26. ArcWeb Services for Students and Educators; a set of free global mapping scripts for web-based GIS development:
<http://www.esri.com/software/arcwebservices/students-educators.html>
27. ArcWeb Explorer. Make maps, geocode, upload your own data:
<http://arcwebservices.com/awx>

Global Positioning Systems (GPS)

28. Geocaching: <http://www.geocaching.com>
29. Earthcaching: <http://www.earthcache.org>
30. Wayfinding: <http://www.wayfinding.org>
31. USGS GPS Resources: <http://education.usgs.gov/common/lessons/gps.html>
32. GPS Information.net Resources: <http://www.gpsinformation.net/>

Geographic Information Systems (GIS)

33. GIS.com resources: <http://www.gis.com>
34. GIS Day resources: <http://www.gisday.com>
35. ESRI Primary and Secondary Education: <http://www.esri.com/schools>
36. ESRI College and University: <http://www.esri.com/highered>

- 37. ESRI Libraries and Museums: <http://www.esri.com/libraries/>
- 38. ESRI ArcLessons: <http://www.esri.com/arcllessons>
- 39. GIS in Education: <http://education.usgs.gov/common/lessons/gis.html>
- 40. Mapping Our World: ESRI Press: <http://www.esri.com/mappingourworld>

Real-Time Mapping

- 41. USA Wildfires: <http://www.geomac.gov>
- 42. Earthquakes: <http://earthquakes.usgs.gov/eqcenter/>
- 43. Streamflow and water quality: <http://waterdata.usgs.gov/nwis/rt>
- 44. NASA Weather Satellite Imagery: <http://www.gfcc.msfc.nasa.gov/GOES/>

Geocoded Ground Photographs

- 45. American Mile Markers: <http://www.kodak.com/US/en/corp/features/onTheRoad/>
- 46. Degree Confluence Project: <http://www.confluence.org>
- 47. Flickr: <http://www.flickr.com/map/>

Base Maps, Aerial Photographs, and Satellite Imagery

- 48. Terraserver: <http://terraserver-usa.com>
- 49. TopoZone: <http://www.topozone.com>
- 50. MapQuest: <http://www.mapquest.com>
- 51. Google Maps: <http://maps.google.com>
- 52. Global Land Cover Facility: <http://glcf.umiacs.umd.edu/index.shtml>
- 53. Microsoft's Live Local: <http://local.live.com> – look at the oblique aerial photographs.
- 54. Yahoo Maps: <http://maps.yahoo.com>
- 55. NASA's ZULU satellite imagery: <https://zulu.ssc.nasa.gov/mrsid/>
- 56. Flash Earth maps and imagery: <http://www.flashearth.com>
- 57. NASA's Visible Earth: <http://visibleearth.nasa.gov/>
- 58. Geomorphology from Space: <http://disc.gsfc.nasa.gov/geomorphology/>

Download Base Data for GIS Use

- 59. Geospatial One-Stop: <http://gos2.geodata.gov/wps/portal/gos>
- 60. National Atlas: <http://nationalatlas.gov>
- 61. National Map: <http://nationalmap.gov>
- 62. GIS Data Depot: <http://www.gisdatadepot.com>
- 63. USGS GeoData Portal: <http://eros.usgs.gov/geodata/>
- 64. USDA Lighthouse Gateway: <http://datagateway.nrcs.usda.gov/GatewayHome.html>

National and International Data Viewers

- 65. US National Atlas: <http://www.nationalatlas.gov/>
- 66. US National Map: <http://nationalmap.gov>
- 67. EPA's EnviroMapper: <http://maps.epa.gov/enviomapper/>
- 68. Reproductive Health Atlas: <http://www.cdc.gov/reproductivehealth/gisatlas/index.htm>
- 69. UC Atlas of Global Inequality: <http://ucatlas.ucsc.edu/>
- 70. UN Maps and Graphics: <http://maps.grida.no/>, <http://www.povertymap.net/>
- 71. Flood Maps (global sea level rises): <http://flood.firetree.net/>
- 72. GESource World Guide: <http://www.gesource.ac.uk/worldguide/>
- 73. Geography Network: <http://www.geographynetwork.com>
- 74. National Geographic's Map Machine: <http://www.nationalgeographic.com/maps/>
- 75. NOAA Electronic Navigation Charts online mapping:
<http://ocs-spatial.ncd.noaa.gov/encdirect/viewer.htm>
 and historical charts: <http://chartmaker.ncd.noaa.gov/>
- 76. Rural Policy Research Institute: <http://circ.rupri.org/>
- 77. US EPA's "Surf Your Watershed" map server: <http://www.epa.gov/surf>
- 78. This Dynamic Planet. Explore impact craters, plate boundaries, volcanoes, earthquakes, and much more: <http://www.minerals.si.edu/tdpmap/index.htm>

Historical Maps

79. Rand McNally Classroom. Includes hundreds of historical maps as well as the Goode's World Atlas! <http://randmcnallyclassroom.com/>
80. Historical topographic Maps from Maine to Ohio: <http://historical.maptech.com>
81. David Rumsey—one of the best collections of historical maps on the planet: <http://www.davidrumsey.com>
82. Map Collections at the Library of Congress: <http://memory.loc.gov/ammem/gmdhtml/>
83. Perry-Castaneda Library Historical Map Collection: <http://www.lib.utexas.edu/maps/>
84. The UK's most extensive collection of historical maps: <http://www.old-maps.co.uk/>