



# Spatial Data Web Resources

## Health Impact Assessment Training – June 2010



Name	Tool Description	Website
CDC EPIINFO-EPIMAP	With Epiinfo-EpiMap and a personal computer, epidemiologists and other public health and medical professionals can rapidly develop a questionnaire or form, customize the data entry process, and enter and analyze data. EpiMap displays geographic maps with the data.	<a href="http://www.cdc.gov/epiinfo/maps.htm">http://www.cdc.gov/epiinfo/maps.htm</a>
National Center for Health Statistics	Provides statistical information that will guide actions and policies to improve the health of the American people. As the Nation's principal health statistics agency, NCHS leads the way with accurate, relevant, and timely data.	<a href="http://www.cdc.gov/nchs/">http://www.cdc.gov/nchs/</a>
Geographic Information Systems (GIS) at CDC	The National Center for Chronic Disease Prevention and Health Promotion presents data for Heart Disease and Stroke Mortality Rates. The application can create and display interactive maps of national, state, or county rates for Heart Disease and Stroke Mortality, broken out by geography, gender and ethnicity.	<a href="http://www.cdc.gov/gis/">http://www.cdc.gov/gis/</a>
Behavioral Risk Factor Surveillance System	BRFSS Maps is an interactive mapping application that graphically displays the prevalence of behavioral risk factors at the state and MMSA level features include multiple data classification methods and the capability to download the BRFSS data in a GIS shapefile data format for more detailed analysis.	<a href="http://www.cdc.gov/brfss/maps/faqs.htm">http://www.cdc.gov/brfss/maps/faqs.htm</a>
National Cancer Institute GIS	The goal of this site is to serve as a central source of information about Cancer data and related GIS resources. It consists primarily of links to other relevant sites.	<a href="http://gis.cancer.gov/">http://gis.cancer.gov/</a>
March of Dimes Perinatal Statistics	Online source for perinatal statistics developed by the March of Dimes Perinatal Data Center. PeriStats provides free access to maternal and infant health-related data at the US, state, county, and city level, and was developed to ensure that health professionals, researchers, medical librarians, policy-makers, students, and the media have easy access to this information.	<a href="http://www.modimes.org/Peristats/about.aspx">http://www.modimes.org/Peristats/about.aspx</a>
WHO HealthMapper	WHO's Public Health Mapping and GIS program has been leading a global partnership in the promotion and implementation of GIS to support decision-making for a wide range of infectious disease and public health programs.	<a href="http://www.who.int/health_mapping/en/">http://www.who.int/health_mapping/en/</a>
HealthMap	HealthMap brings together disparate data sources to achieve a unified and comprehensive view of the current global state of infectious diseases and their effect on human and animal health. This freely available Web site integrates outbreak data of varying reliability, ranging from news sources to curated personal accounts to validated official alerts.	<a href="http://www.healthmap.org/en/">http://www.healthmap.org/en/</a>

<b>Enviro Mapper</b>	This Web site provides access to several EPA databases to provide you with information about environmental activities that may affect air, water, and land anywhere in the United States. With Envirofacts, you can learn more about these environmental activities in your area or you can generate maps of environmental information.	<a href="http://www.epa.gov/emefdata/em4ef.home">http://www.epa.gov/emefdata/em4ef.home</a>
<b>TOXMAP - Environmental Health E-Maps</b>	TOXMAP is a Geographic Information System (GIS) from the Division of Specialized Information Services of the US National Library of Medicine that uses maps of the United States to help users visually explore data from the US Environmental Protection Agency (EPA)'s Toxics Release Inventory (TRI) and Superfund Program.	<a href="http://toxmap.nlm.nih.gov/toxmap/main/index.jsp">http://toxmap.nlm.nih.gov/toxmap/main/index.jsp</a>
<b>US Census American FactFinder</b>	American FactFinder is your source for population, housing, economic and geographic data from Census 2000, the 1990 Decennial Census, the 1997 and 2002 are available in American FactFinder.	<a href="http://factfinder.census.gov/home/saff/main.html?_lang=en">http://factfinder.census.gov/home/saff/main.html?_lang=en</a>
<b>National Atlas</b>	The National Atlas of the United States of America home page on the World Wide Web. Nationalatlas.gov is the single best Federal source for national maps and geographic information on the Web. It contains an online map maker, dynamic maps, printable maps, articles, free geographic data, and additional resources for geographic information about the US.	<a href="http://www.nationalatlas.gov">www.nationalatlas.gov</a>
<b>Geospatial OneStop</b>	Geodata.gov is a GIS portal that serves as a public gateway for improving access to geospatial information and data under the Geospatial One-Stop e-government initiative.	<a href="http://gos2.geodata.gov/wps/portal/gos">http://gos2.geodata.gov/wps/portal/gos</a>
<b>Google.org</b>	Google.org uses Google's strengths in information and technology to build products and advocate for policies that address global challenges.	<a href="http://www.google.org/">http://www.google.org/</a>
<b>Social Explorer</b>	Social Explorer provides easy access to demographic information about the United States, from 1790 to present.	<a href="http://www.socialexplorer.com/pub/home/home.aspx">http://www.socialexplorer.com/pub/home/home.aspx</a>
<b>ESRI's Geography.com and GIS.com</b>	GIS.com is a portal to GIS information on the Web. The site showcases how people use GIS and geospatial technology and provides GIS users with links to resources to help them in their work.  Geography.com provides educational geography website with links, revision guide, virtual fieldwork, geography case studies, photo gallery, outline maps	<a href="http://www.gis.com/">http://www.gis.com/</a>  <a href="http://www.geography.com/">http://www.geography.com/</a>
<b>Community Health Data Initiative</b>	Under the initiative, HHS health data will be made freely available so that software developers can create innovative applications and make the data more useful for consumers and communities.	<a href="http://www.hhs.gov/open/">http://www.hhs.gov/open/</a>
<b>USGS</b>	The USGS serves the Nation by providing reliable scientific information to describe and understand the Earth; This site has maps, aerial photographs and satellite images about the water and earth.	<a href="http://www.usgs.gov/pubprod/data.html#data">http://www.usgs.gov/pubprod/data.html#data</a>
<b>CIESIN</b>	The Center for International Earth Science Information Network (CIESIN) provides population-environment research, global mapping and database development, remote-sensing applications, and the human dimensions of global environmental change.	<a href="http://www.ciesin.org/download_data.html">http://www.ciesin.org/download_data.html</a>

#### Other Online Free Mapping Tools

Google Maps Google Earth Microsoft Live Maps	Microsoft Virtual Earth NASA WorldWind ArcGIS Explorer	iTouchMap BatchGeocode ColorBrewer and Kuler
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