

IndianaMap – Release 3

Rick Hill, Paul Rohwer, Becky Meyer,
Chris Dintaman, and Denver Harper



**INDIANA
GEOLOGICAL SURVEY**

INDIANA UNIVERSITY

IndianaMap R3

What is IndianaMap ?

- **The public source for map data for Indiana**
- **An interactive map Website to view maps or create custom maps**
- **Map Data are available for download (free)**
- **Maps and data are accessible to both the general public and expert GIS users**

IndianaMap Today

IndianaMap
It's statewide, it's regional, it's local - it's yours!

Map Search/Query Draw Map Output Download Help

Back to Indiana Map

Active Layer: Counties

Expand All Collapse All

- REFERENCE
- DEMOGRAPHICS
- INFRASTRUCTURE
- ENVIRONMENT/BIOLOGY
- HYDROLOGY
- GEOLGY

AutoRefresh Map

06.28.2011
Three layers of Watershed Boundary Data (WBD) named "[Watersheds HUC08 - 2009](#)," "[Watersheds HUC10 - 2009](#)," and "[Watersheds HUC12 - 2009](#)" have been added to the interactive map (found in HYDROLOGY > Watersheds & Quality). These data were provided by the Natural Resources Conservation Service (NRCS, of the U.S.D.A.) and the U.S. Geological Survey. Because the WBD is the most up-to-date product and is being integrated to the National Hydrography Dataset (NHD), users are encouraged to switch to the WBD HUC 08, 10, and 12 data sets (2009) from the old HUC 08, 11, and 14 data sets (1991).

Three layers showing the results of redistricting in Indiana, named "[Redistricted - U.S. Congress](#)," "[Redistricted House - Gen. Assembly](#),"

Tool Mode: Zoom In Active Layer: Counties Scale 1: 2401951 Zoom

Map Coordinates: 2507.60 m E, 4452452 m N (UTM Zone 16 NAD83) -- 89°55'39.3" W, 40°11'04.4" N

IndianaMap R3

Four basic components

- **IndianaMap Viewer**
- **Layer Gallery**
- **Map Gallery**
- **Advanced map services (REST Services)**

IndianaMap R3

IndianaMap Viewer

- **Web app to view and customize online maps**
- **Use navigation, editing, and printing tools**
- **For the general public and expert GIS user**

IndianaMap Viewer

INDIANAMAP

Layers

Maps

Search...



Detail

Legend

Draw

Measure

Bookmark



0 20 40mi



IndianaMap R3

Layer Gallery

- **Organizes more than 250 layers with thumbnails and summary descriptions**
- **Find layers by category or by keyword search**
- **Preview layers interactively**
- **Download layers and view metadata**
- **Access to REST services**

Layer gallery

INDIANAMAP

Basemaps

Demographics

Environment

Geology

Government

Hydrology

Infrastructure

Reference

Miscellaneous Government Boundaries (2010)



[Preview](#)

[Metadata](#)

[Download](#)

[Service](#)

Miscellaneous Government Boundaries, 2010 - Shows miscellaneous government boundaries maintained by county agencies in Indiana

Credits: Indiana Department of Homeland Security, Indiana Office of Technology (IOT), Indiana Geographic Information Office (GIO), Indiana Geographic Information Council (IGIC)

Districts for the 112th Congress (2011)



[Preview](#)

[Metadata](#)

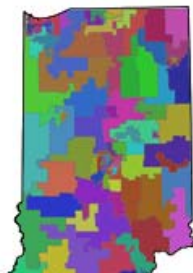
[Download](#)

[Service](#)

Districts for the 112th Congress, 2011 - Shows congressional districts from which people are elected to the U.S. House of Representatives.

Credits: U.S. Census Bureau

House Districts for the 117th General Assembly (2011)



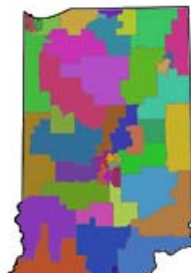
[Preview](#)

[Metadata](#)

[Download](#)

[Service](#)

Senate Districts for the 117th General Assembly (2011)



[Preview](#)

[Metadata](#)

[Download](#)

[Service](#)

[Top](#)

Preview Map (advanced features)

Census Blockgroups (2000)

Census Blockgroups, 2000 (1:100,000)

Metadata Legend Browse Layers

Short description:

Shows census blockgroups and contains 2000 census data regarding race, gender, age, families, and households. Data are from Census 2000 Tiger Line Files and SF1 tables.

Tags:

IndianaMap, IGS, Indiana, Census, Blockgroups, TIGER/Line, Demographics, Minorities, Age, Population, Home Ownership, Families

Credits:

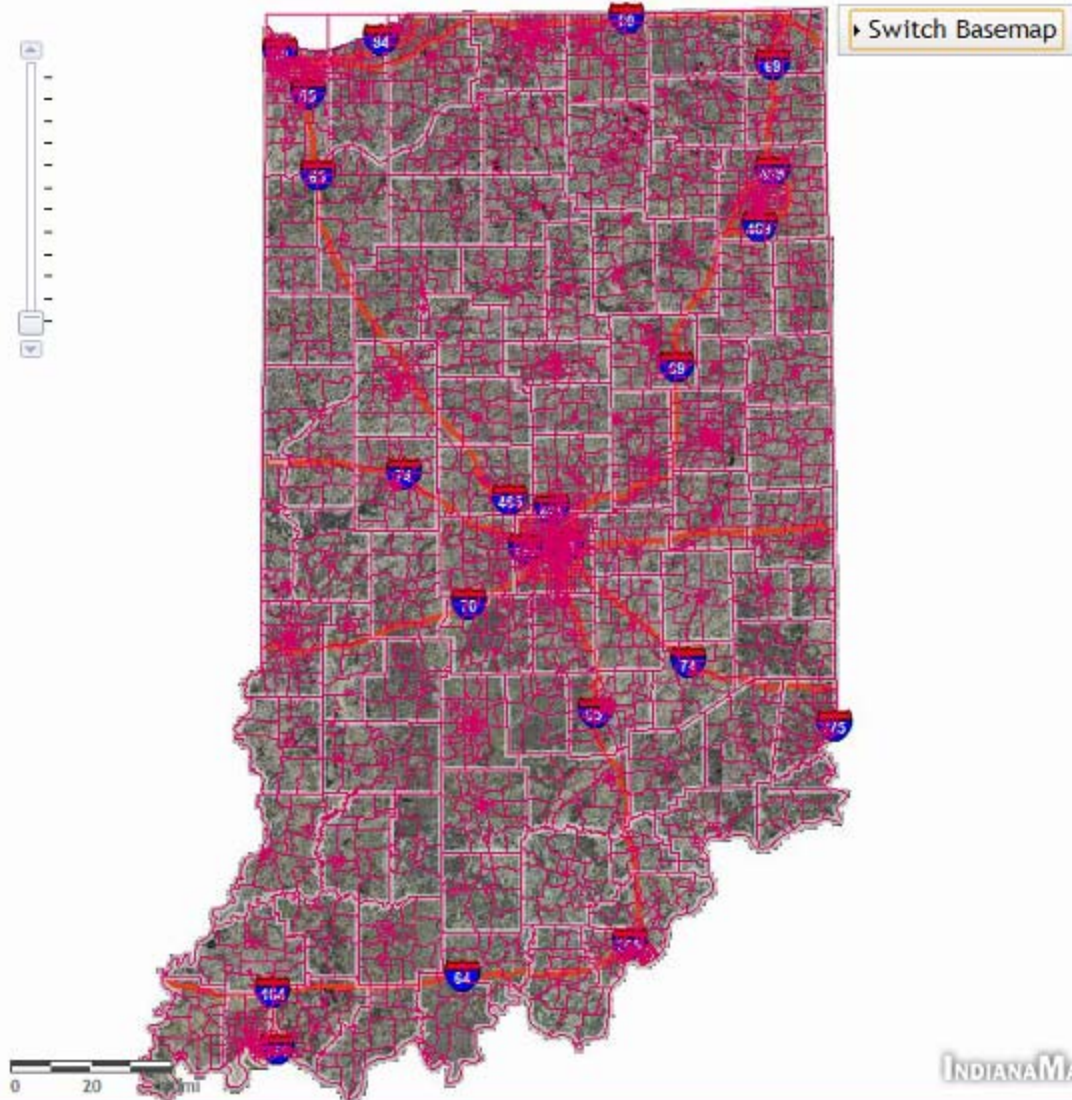
USCB

FGDC Metadata:

[Census-Blockgroups.html](#)

Download:Download a zip file that contains an ESRI Shape File and associated metadata:

[Census-Blockgroups.zip](#)



IndianaMap R3

Layer Gallery - Basemaps

- Basemaps are predesigned maps that serve as a single layer for the background of a custom map.

- Basemap examples for IndianaMap

Best available imagery

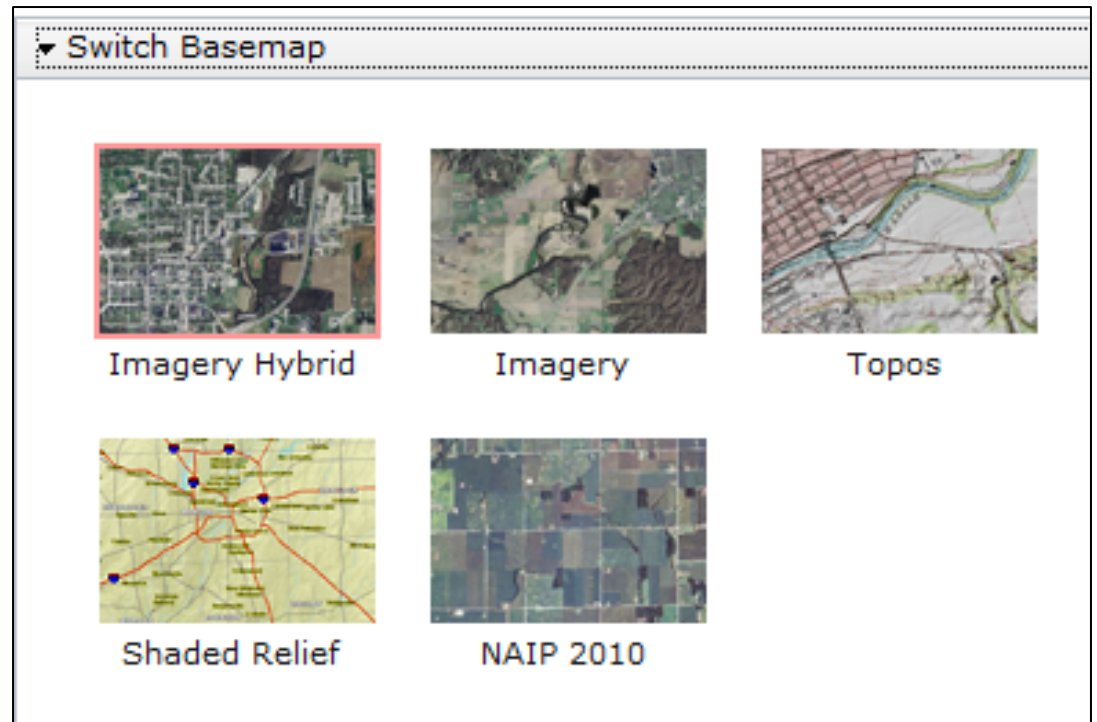
2005 aerial photos

Topographic maps

Hillshaded relief

Public Land Survey System

More to come...



IndianaMap R3

Map Gallery

- **Select from a gallery of existing maps**
- **View maps in one click**
- **Read the description of the maps**
- **Customize the map by adding more layers**

Map gallery

IndianaMap - Cached Basemap of 2005 Hillshaded DEM

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Cached Basemap of 2005 Hillshaded DEM

[Details](#) [Open](#) [Delete](#)

IndianaMap - Cached Basemap of 2005 OrthoImagery...

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Cached Basemap of 2005 OrthoImagery Project

[Details](#) [Open](#) [Delete](#)

IndianaMap - Cached Basemap of USGS

Web Map by [cdintaman](#) (last modified: October 14, 2010)

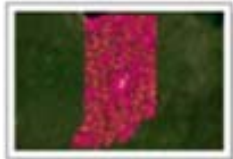


IndianaMap - Cache USGS Topographic

[Details](#)

IndianaMap - Demographics Census 2000 Data

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Demographics Census 2000 Data with Urban Areas

[Details](#) [Open](#) [Delete](#)

IndianaMap - Economic Geology

Web Map by [cdintaman](#) (last modified: October 13, 2010)



IndianaMap Economic Geology

[Details](#) [Open](#) [Delete](#)

IndianaMap - Enviroment IDEM-Manager

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Envir Managed Facilities

[Details](#)

IndianaMap - Hydrology Watersheds and Water Quality...

Web Map by [cdintaman](#) (last modified: October 14, 2010)

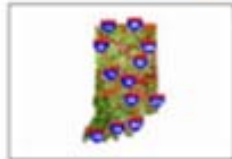


IndianaMap - Hydrology Watersheds and Water Quality Data

[Details](#) [Open](#) [Delete](#)

IndianaMap - Infrastructure Transportation

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Infrastructure Transportation layers

[Details](#) [Open](#) [Delete](#)

IndianaMap - Mashup of All Geology Dat

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Mashup Data

[Details](#)

IndianaMap - Mashup of Surficial Geology and...

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Mashup of Surficial Geology and Hydrology Data

[Details](#) [Open](#) [Delete](#)

IndianaMap - Reference PLSS Quad Boundaries and...

Web Map by [cdintaman](#) (last modified: October 14, 2010)



IndianaMap - Reference PLSS Quad Boundaries and Elevation Data

[Details](#) [Open](#) [Delete](#)

State of Indiana

Web Map by [cdintaman](#) (last modified: October 14, 2010)



State of Indiana by

[Details](#)

Advanced features

Advanced features:

- **Each IndianaMap layer is a REST service with a unique URL**
- **IndianaMap layers can be used in other applications and viewers**
- **These features will be demonstrated later this afternoon**

User support

Narrated video tutorials

Road shows and Webinars

Email support

igshelp@indiana.edu

IT notices

http://maps.indiana.edu/tech_support.html

Twitter



<http://www.twitter.com/indianamap>

Listserv notices

Sign up here to join our ListServ to receive notifications about new and updated layers, enhancements of functionality, and maintenance alerts.

Enter e-mail address:

Sign Up



IndianaMap R3

Release Dates

- **Beta release – Week of September 5-9, 2011**
- **Full release – Week of September 26-30, 2011**