

# New and Improved NTAD

*one-stop collection of transportation data that continues to improve to better meet the GIS community's needs*

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USDOT

GIS-T 2014

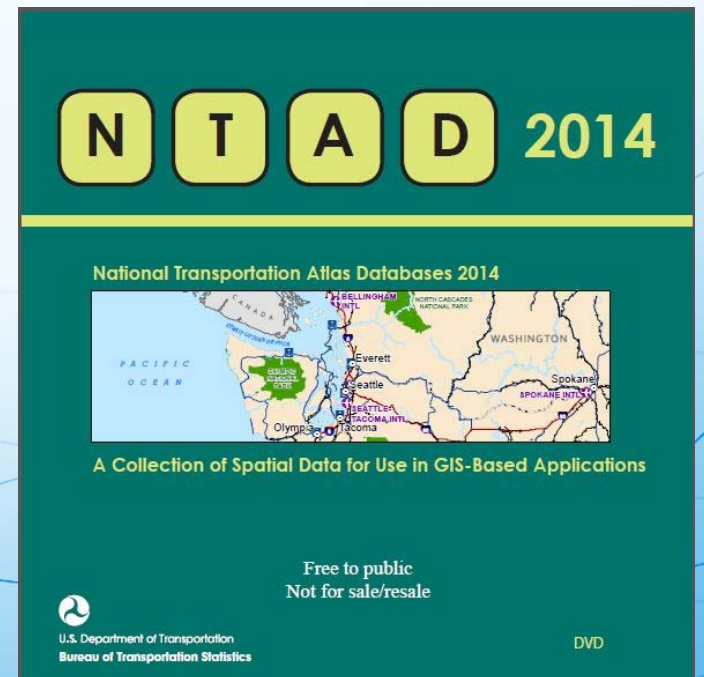
# What is the NTAD

## \* Legislation

- \* The OST-R/BTS GIS Program is mandated [49 U.S.C. 111(f)] to annually develop, maintain, and distribute the National Transportation Atlas Database (NTAD).
- \* As directed by SAFETEA-LU (Section 5601, (6)), the OST-R/BTS GIS Program is responsible for the development of the transportation layer of the National Spatial Data Infrastructure (NSDI) as established under Office of Management and Budget (OMB) Circular A-16.

# What is the NTAD

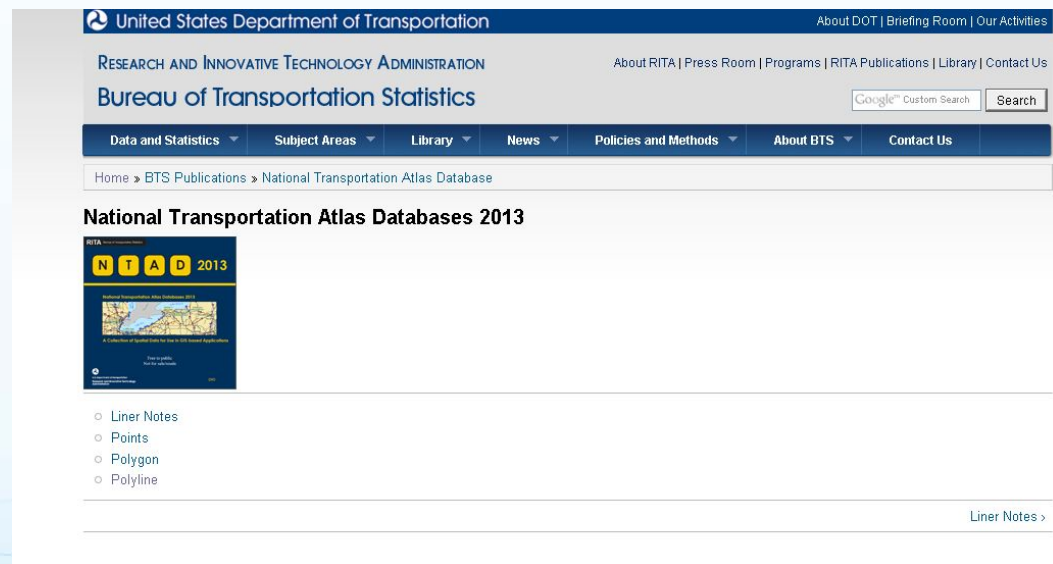
- \* Transportation
  - \* Variety of Transportation Data
  - \* National Level data sets
    - \* Consistent across State/county lines
  - \* Infrastructure
- \* Non Transportation
- \* Data Owners



# What is the NTAD

- \* Collection
  - \* January – April
- \* Annual distribution
  - \* Esri conference
- \* DVD
- \* Current data download

\* [http://www.rita.dot.gov/bts/sites/rita.dot.gov.bts/files/publications/national\\_transportation\\_atlas\\_database/2013/index.html](http://www.rita.dot.gov/bts/sites/rita.dot.gov.bts/files/publications/national_transportation_atlas_database/2013/index.html)



The screenshot shows the website for the Bureau of Transportation Statistics (BTS) under the United States Department of Transportation. The page is titled "National Transportation Atlas Databases 2013". It features a navigation menu with options like "Data and Statistics", "Subject Areas", "Library", "News", "Policies and Methods", "About BTS", and "Contact Us". Below the navigation, there is a breadcrumb trail: "Home > BTS Publications > National Transportation Atlas Database". The main content area displays a thumbnail for the "NTAD 2013" database, which includes a map of the United States. Below the thumbnail, there is a list of data types: "Liner Notes", "Points", "Polygon", and "Polyline". A "Liner Notes >" link is visible at the bottom right of the content area.

# What it contains

- \* 3 Types of data
  - \* Point
  - \* Line
  - \* Polygon
- \* Most attributes contained in shapefile, however some have attributes that need to be related or joined to a spatial dataset.
- \* ISO Compliant Metadata



# What it contains

## \* Points

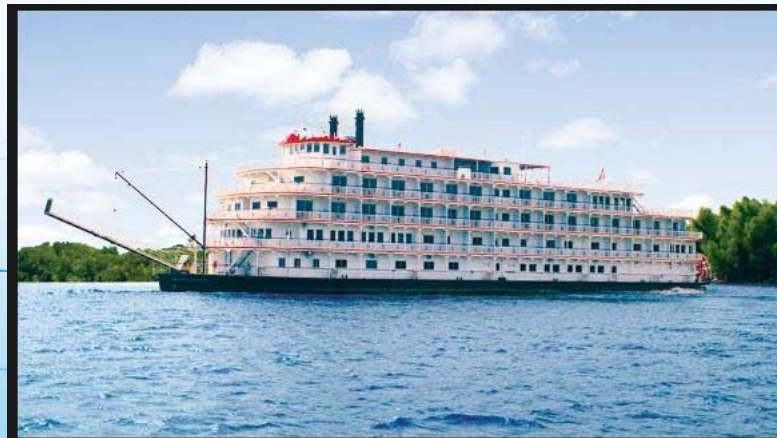
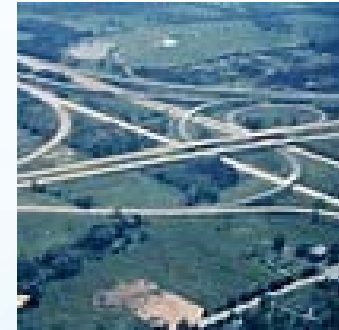
- \* Airports
- \* **Altfuels**
- \* Amtrk\_sta
- \* Border\_x
- \* **Dams**
- \* **fars**
- \* facility frieght/**passenger**
- \* **Locks**
- \* Nbi
- \* Place
- \* Ports/**major**
- \* Rr bridges
- \* Rr xs
- \* **tmas**



# What it contains

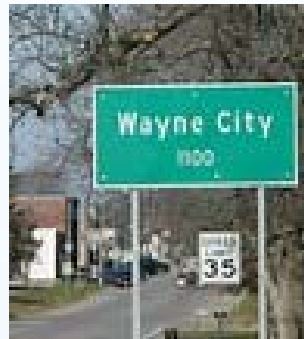
- \* Lines

- \* Faf network
- \* Hazmat
- \* Hpms
- \* Nhpn
- \* Rail
- \* Runway
- \* Transit
- \* Waterway



# What it contains

- \* Polygon
  - \* Uza
  - \* Cbsa
  - \* Cd 113
  - \* County /**pol**
  - \* **Faf regions**
  - \* Hydro
  - \* Milbase
  - \* Mpo
  - \* **Naa**
  - \* Parks
  - \* State /**pol**

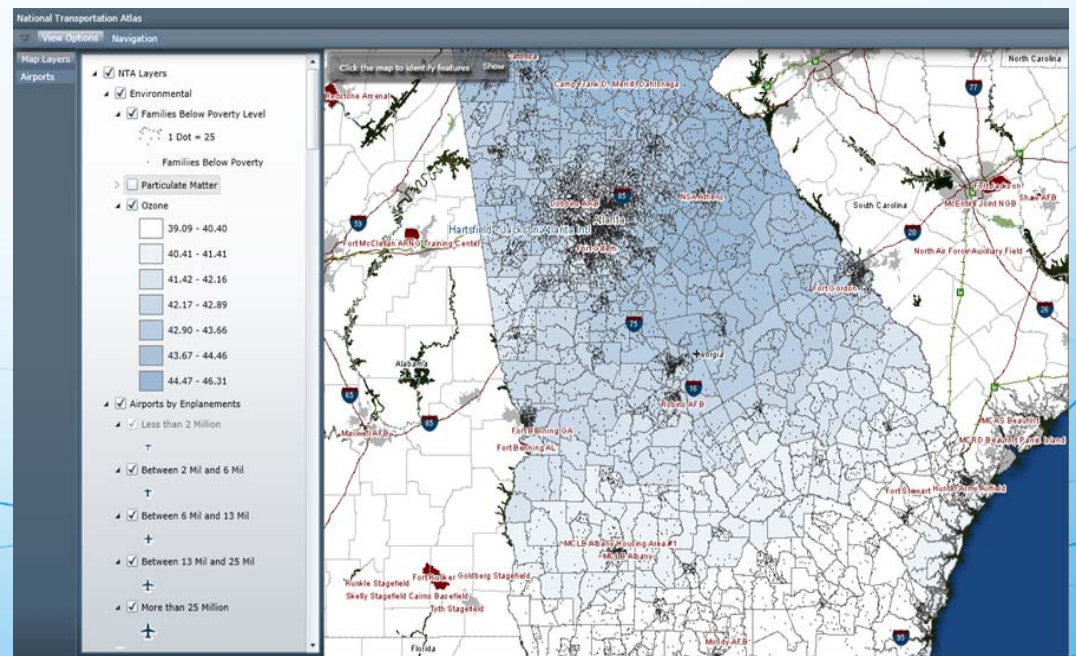




# New for NTAD

- \* NTAD 2014
  - \* FARS (fatality accident reporting system)

- \* NTAD 2015 - *planned*
  - \* Transit
  - \* Freight Facility
  - \* HAZMAT



# New for NTAD

- \* Geodata.gov  
→
- \* BTS Moving
- \* NTAD data viewer

The screenshot shows the Data.gov website interface. At the top, there is a search bar and navigation links for DATA, TOPICS, IMPACT, APPLICATIONS, DEVELOPERS, and CONTACT. Below the navigation is a blue header with the 'GEOSPATIAL' section selected. The main content area features a description of geospatial data resources, a 'HIGHLIGHTS' section with a featured dataset 'AirAtlas: Air Quality in National Parks' (including a map of the US showing nitrogen deposition), and an 'UPDATES' section with a recent update on the 'National Water Information System'.

DATA.GOV

DATA TOPICS IMPACT APPLICATIONS DEVELOPERS CONTACT

GEOSPATIAL

Explore geospatial data and resources, including an interactive map of submerged land information, maps of air quality across the U.S., data on water resources, and more.

HIGHLIGHTS

**AirAtlas: Air Quality in National Parks** [View this Dataset](#)

AirAtlas is a series of web maps that show estimated air quality statistics for atmospheric deposition, ozone, and visibility in the contiguous U.S. The maps also show National Park Service (NPS) units and monitoring locations for each of those air pollutant categories. Specific estimates of each statistic are available for every NPS unit in the contiguous U.S.

More Highlights

UPDATES

**National Water Information System**  
December 12, 2013

The National Water Information System provides access to water-resources data collected at approximately 1.5 million sites in all 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, American Samoa and the Commonwealth of the Northern Mariana Islands. The ... Continued

# National Transportation Atlas Database

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