T.I.G.E.R.

Topologically Integrated Geographic Encoding and Referencing
What is TIGER?

- Developed at the U.S. Census Bureau
- A system and digital database
- Supports mapping needs for:
  - Decennial Census
  - Other Bureau programs
The design of the TIGER® database adapts the theories of topology, graph theory, and associated fields of mathematics to provide a disciplined, mathematical description for the geographic structure of the United States and its territories. The topological structure of the TIGER® data base defines the location and relationship of streets, rivers, railroads, and other features to each other and to the numerous geographic entities for which the Census Bureau tabulates data from its censuses and sample surveys. It is designed to assure no duplication of these features or areas.
Census Bureau uses of TIGER

- Creation and maintenance of digital geographic database
- Production of maps for Census Bureau enumeration and publication programs
- Enables Census Bureau to assign individual addresses to geographic entities and census blocks
TIGER/Line Files

- Digital database of geographic features for entire U.S. including:
  - Roads
  - Railroads
  - Rivers
  - Lakes
  - Legal boundaries
  - Census statistical boundaries
The database contains information about these features such as:
- Latitude/longitude
- Name
- Type of feature
- Address ranges for most streets
- Geographic relationship to other features
These files are not graphic images of maps, but rather digital data describing geographic features.

In order to use these products you must have mapping or Geographic Information System (GIS) software that can import TIGER/Line data.

They are the public product created from the Census Bureau's TIGER database

DOES NOT INCLUDE DEMOGRAPHIC STATISTICS
TIGER/Line® Files

- 108th CD Census 2000 TIGER/Line® Files
  http://www.census.gov/geo/www/tiger/

- 2005 First Edition TIGER/Line® Files –

- What are the TIGER/Line files and How are they Used? Overview and Trademark information
  http://www.census.gov/geo/www/tiger/overview.html

- TIGER FAQs
  Frequently Asked Questions about TIGER/Line products
  http://www.census.gov/geo/www/tiger/tigermap.html
Other TIGER products

- **U.S. Census Bureau Maps and Cartographic Resources**
  - REFERENCE MAPS ([description](#))

**Census Geography**

- Congressional District Map Products
  - 108th Congressional District Maps and Related Information
  - 109th Congressional District Maps and Related Information
- American Indian Tribal Census Tract Outline Maps:
  - Description 2000
- American Indian/Alaska Native/Hawaiian Home Land Block Maps:
  - Description 2000
- Census Block Maps: ([Also available on DVD](#))
  - Description 2000 | 1990
- Census Tract Outline Maps: ([Also available on DVD](#)) and CD-ROM
  - Description 2000 | 1990
- Census Bureau Maps