

Accessing TIGERweb

July 6, 2017



Fay Dahlquist, Geography Division



What is TIGERweb?

- A web-based mapping tool covers the 50 states, the District of Columbia, Puerto Rico and the Island Areas.
- Topologically Integrated Geographic Encoding and Referencing (TIGER) products are spatial extracts containing features such as roads, railroads, rivers, as well as legal and statistical geographic areas.
- View TIGER data without Geographic Information System (GIS) software or downloading data.
- Web Map Service (WMS) and Representational State Transfer (REST) Services.

Census.gov

The screenshot shows the homepage of the United States Census Bureau website. At the top right, there are links for "U.S. Department of Commerce | Blogs | Index A-Z | Glossary | FAQs" and a search bar. The main navigation bar includes "Topics", "Geography" (circled in red), "Library", "Data", "Surveys/Programs", "Newsroom", and "About Us". Below this is a large blue menu with options: "Geography Main", "About", "Education", "GSS Initiative", "Interactive Maps" (circled in red), "Maps & Data", "Metropolitan & Micropolitan", "Partnerships", "Reference", and "Research".

The main content area features a large orange graphic with a line chart showing population trends from 2011 to 2040. To the right of the chart is a text box titled "Older Americans Month: May 2017" with a description and a graphic link.

Below the main graphic are three smaller widgets: "POPULATION CLOCK" showing U.S. and World population counts as of May 30, 2017; "QUICKFACTS" with a "Did You Know" fact about Illinois; and "U.S. Census Bureau Economic Indicators" showing a table of economic data.

At the bottom, there is a "Latest News" section with a calendar icon and a "Stat of the Day" section titled "Durable Goods" reporting on new orders for manufactured durable goods in April.

Interactive Maps

United States Census Bureau

U.S. Department of Commerce

Topics: Population, Economy | Geography: Maps, Products | Library: Infographics, Publications | Data: Tools, Developers | Surveys/Programs: Respond, Survey Data | Newsroom: News, Blogs | About Us: Our Research

Census.gov > Geography > Interactive Maps

Geography

About this Section
Education
GSS Initiative
Interactive Maps
Maps & Data
Metropolitan and Micropolitan
Partnerships
Reference
Research

Interactive Maps

Work with interactive mapping tools from across the Census Bureau.

- Data Visualization Gallery**
- TIGERweb**
- Census Flows Mapper**
- Interactive Population Map**
- Metro/Micro Thematic Map Viewer**
- SAHIE Interactive Data Tool (Health Insurance)**

TIGERweb Home

<https://TIGERweb.geo.census.gov/>

TIGERweb

Home | **TIGERweb Applications** | MS | REST Services | Data Files | TIGERweb Geography

Contact Us
 Email us at: geo.tigerweb@census.gov
 Click here to sign up for updates on TIGERweb and other Census Bureau Topics.
[TIGERweb Brochure](#)

Incorporated Places - Current/Active

	GEOID	STATE	PLACE	PLACENS	BASENAME
3	0100124	01	00124	02403054	Abbeville
	0100460	01	00460	02403063	Adamsville
	0100484	01	00484	02405123	Addison
	0100676	01	00676	02405125	Akron
9	0100820	01	00820	02403069	Alabaster
	0100988	01	00988	02403074	Albertville
5	0101132	01	01132	02403077	Alexander City
3	0101228	01	01228	02403080	Aliceville
	0101396	01	01396	02405136	Allgood
	0101660	01	01660	02405136	Altomona

APPLICATIONS | **MAP SERVICES** | **DATA**

Available Applications and Vintages

The screenshot displays the TIGERweb application interface. At the top, the navigation menu includes 'Home', 'TIGERweb Applications' (circled in red), 'WMS', 'REST Services', 'Data Files', and 'TIGERweb Geography'. The main content area is divided into three sections: a left sidebar, a central control panel, and a map.

TIGERweb Applications

- TIGERweb**
 - Current (BAS 2017)
 - ACS 2016
 - ACS 2015
 - 2010 Census (adjusted boundaries)
 - Current (BAS 2017) Physical Features
- TIGERweb Decennial**
 - 2010 Census
 - Census 2000 (adjusted boundaries)
 - 2010 Census Physical Features

Legend

TIGERweb User Guide

Note: These links will open new browser windows.
The applications need:
- JavaScript enabled
- Allow Popups

Select Vintage:

Current

Layers

- Labels
- Transportation (Roads and Railroads)
- PUMAs, UGAs, and ZCTAs
- Tribal Census Tracts and Block Groups
- Census Tracts and Blocks
- Military and Other Special Land Use Areas
- School Districts
- Places and County Subdivisions
- American Indian, Alaska Native, and Native Hawaiian Areas
- Legislative Areas
- Census Regions and Divisions
- Urban Areas
- Metropolitan and Micropolitan Statistical Areas
- Non-Statistical Areas

The map shows the Eastern United States with various Census Statistical Areas (CSAs) labeled, including Pittsburgh-New Castle-Weirton CSA, Johnstown-Somerset CSA, Harrisburg-York-Lebanon CSA, Philadelphia-Reading-Camden CSA, Washington-Baltimore-Arlington CSA, Morgantown-Fairmont CSA, Charleston-Huntington-Ashland CSA, and Harrisonburg-Staunton-Waynesboro CSA. State abbreviations PA, NJ, WV, DC, MD, DE, and VA are also visible. The map includes a search bar, a zoom control, and a 100km scale bar.

TIGERweb Layout



The screenshot displays the TIGERweb interface. At the top, the 'United States Census Bureau' logo and 'TIGERweb Geography Division' are visible. A search bar on the right contains the text 'Street, City, State, Zip'. The main map area shows the United States with various geographical features and boundaries. On the left side, there is a 'Layers' panel with a 'Select Vintage:' dropdown set to 'Current'. Below this, a list of layers is shown with checkboxes: Labels, Transportation (Roads and Railroads), PUMA, UGA, and ZCTA, Tribal Census Tracts and Block Groups, Census Tracts and Blocks, Military and Other Special Land Use Areas, School Districts, Place and County Subdivisions, American Indian, Alaska Native, and Native Hawaiian Areas, Legislative Areas, Census Regions and Divisions, Urban Areas, Metropolitan and Micropolitan Statistical Areas and Related Statistical Areas, Hydrography, and States and Counties. The 'Hydrography' layer is currently checked. At the bottom left, a scale bar indicates 'Zoom: 4' and '1000km / 600mi'. The current extent is given as 'Current Extent (deg): 1368.6885, 3.68411 1:24.5487, 64.56951'. A 'Map Loaded.' status is shown at the bottom right.

Search by Address



The screenshot displays the TIGERweb interface from the U.S. Census Bureau. At the top, the search bar contains the text "123 Main St, A". The left sidebar shows three panels: "Identify Results", "Query Results", and "Geocoder Results", with the latter being the active panel. The "Geocoder Results" panel shows the following information:

- Search Address: 123 main st, anywhere, MD
- Matched Address: 123 main st, anywhere, md
- Coordinates: Longitude and Latitude fields are present but empty.
- Tiger Line ID: Field is present but empty.

The main map area shows the "DISTRICT OF COLUMBIA" with a blue dot indicating the location. The status bar at the bottom right displays "Geocoding Complete." in red text. The current extent in degrees is shown as [-77.0381, 38.8975] [-77.0326, 38.9000].

Adding Layers

Census Tracts and Blocks

The screenshot displays the TIGERweb interface with the following elements:

- Top Bar:** Includes the United States Census Bureau logo, 'TIGERweb Geography Division', and a search bar with the placeholder text 'Street, City, State, Zip'.
- Left Panel:** Contains navigation icons (Layers, Legend, Task Results) and a 'Select Vintage:' dropdown menu set to 'Current'. Below this is a legend with various layers. A red arrow points to the 'Census Tracts and Blocks' section, which includes 'Census Tracts', 'Census Block Groups', and '2010 Census Blocks'.
- Main Map:** Shows a grid of census tracts and blocks. Labeled tracts include CT 107, CT 108, CT 58, and CT 62.02. Block Groups (BG 1, BG 2, BG 3) are also visible. The map includes a scale bar (Zoom: 16, 1:9,028) and a 'Map Loaded.' status indicator.

Using the Identify Tool

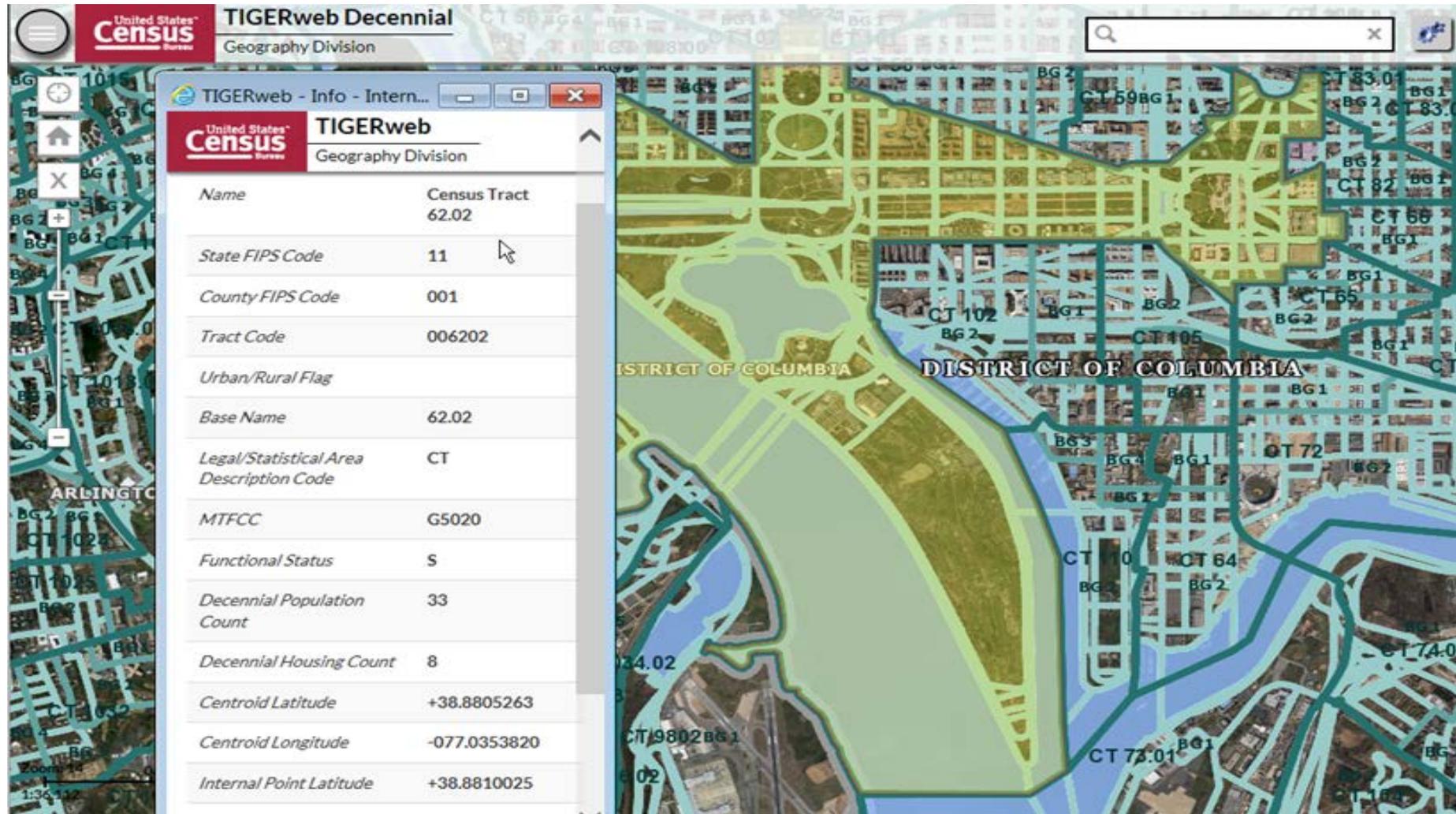


The screenshot displays the TIGERweb interface with the Identify tool active. The map shows a grid of census tracts and blocks in the District of Columbia. A specific block, CT 62.02, is highlighted in blue. The Identify Results panel on the left shows the following information:

- States and Counties:** District of Columbia
- Census Tracts and Blocks:** Census Tracts: 62.02; Census Block Groups: 1; 2010 Census Blocks: Block 1039

The Query Results and Geocoder Results panels are currently empty. The status bar at the bottom indicates "Identification completed." and provides the current extent coordinates: [-77.0488, 38.8889] [-77.0221, 38.9009].

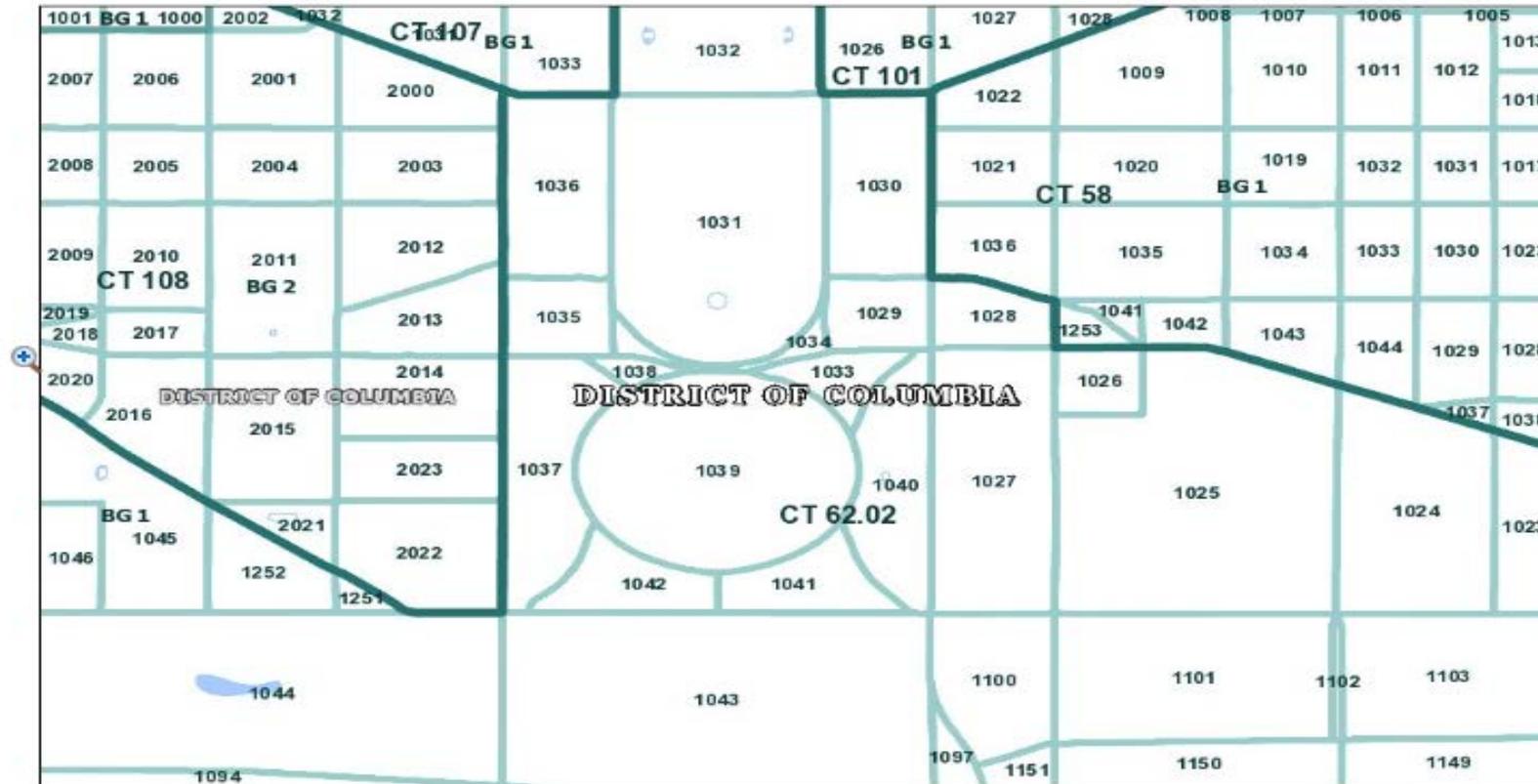
Decennial Population and Housing Unit Counts



Printing your Map

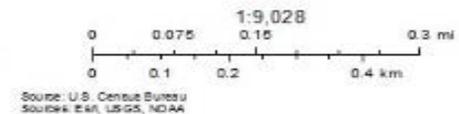
Printing your Map

TIGERweb example



June 5, 2017

- | | | | |
|---------------------|---------------|---------------------|-------------------|
| Census Tracts | States | Census Block Groups | Areal Hydrography |
| Census Block Groups | Counties | 2010 Census Blocks | Glaciers |
| 2010 Census Blocks | Census Tracts | Linear Hydrography | States |



Created with TIGERweb
©Copyright 2017 - US Census Bureau

User Guide and Help/About



The screenshot displays the TIGERweb v10.0 interface. On the left, there is a sidebar with navigation options: 'Identify Results' (selected), 'Query Results', and a search bar. Below the search bar, there are sections for 'States and Counties', 'States', 'Counties', 'Census Tracts and Blocks', 'Census Tracts', 'Census Block Groups', and '2010 Census Blocks'. The main area shows a map of census tracts with various labels like 'CT 107', 'CT 58', and 'BG 1'. A 'HELP/ABOUT' dialog box is open in the center, containing the following text:

HELP/ABOUT

TIGERweb v10.0 [Click [Here](#) for User Guide]

Source: BAS17 (Official January 1, 2016 Schema)
The TIGER web viewer allows users to view legal and statistical boundaries as well as transportation and hydrographic features as defined January 1, 2016.

Application developed by:
Decennial IT Division for Geography Division, U.S. Census Bureau.

Send your questions or comments to geo.tigerweb@census.gov

Boundary and Annexation Survey (BAS) Participants:
[Please Review Boundaries using TIGERweb \[PDF\]](#). The Census Bureau will not accept boundary changes or feature updates for BAS annotated on maps printed using the TIGERweb map viewer.

For further BAS contact information visit our [website](#), call 1-800-972-5651 or
Email: geo.bas@census.gov.
Tribal Entities Phone: 1-800-796-3748
Tribal Entities Email: geo.aiana@census.gov

Questions?

- **General geography questions:**

301-763-1128

geo.geography@census.gov

- TIGERweb questions: geo.tigerweb@census.gov