

Resources for Developers

Census Application Programming Interface (API)

www.census.gov/data/developers/data-sets.html

Our API allows developers to create custom Web and mobile apps that provide quick and easy access to Census Bureau data.

Data available through the API include:

- American Community Survey (ACS), 2006–present.
- Decennial census.
- Economic indicators time series.
- Nonemployer statistics and County Business Patterns.
- Population estimates and projections.

Census Geocoder

<https://geocoding.geo.census.gov/geocoder>

The Census Geocoder provides interactive and programmatic access to users interested in matching addresses to geographic locations and entities containing those addresses.

Users may geocode a single address or batch process up to 10,000 addresses at a time. Census Geocoder uses Topologically Integrated Geographic Encoding and Referencing (TIGER) address ranges, with the option to choose current geography, most recent ACS, or 2010 Census data.



TIGERweb Web Map Service (WMS)

https://tigerweb.geo.census.gov/tigerwebmain/TIGERweb_wms.html

The WMS provides a simple Hypertext Transfer Protocol (HTTP) interface for requesting georegistered map images from our geospatial database.

TIGERweb Representational State Transfer (REST) Services

https://tigerweb.geo.census.gov/tigerwebmain/TIGERweb_restmapservice.html

REST allows clients to communicate with Geographic Information System (GIS) servers using the GeoServices REST Specification.

Both TIGERweb WMS and REST services offer the most recent ACS statistics and 2010 and 2000 Census data. Updates are added from our semiannual MAF/TIGER snapshot.



Show us your apps!

Send a description and link to:

Data API: cnmp.developers.list@census.gov

Geocoder: geo.geocoding.services@census.gov

TIGERweb: geo.tigerweb@census.gov