

Census Bureau API

Accessing Data

Data are accessible to software developers through a stateless **HTTP GET** request. In order to access data, you will need to insert a key into the request URL in order for query results to be returned. If you do not have a key assigned to you, you will be directed to the Request a Key page where you can register for one. See the API website at <http://www.census.gov/developers/>

- **Here is an example of the request URL for 2010 Census SF1 data that has an assigned key inserted:**
http://api.census.gov/data/2010/sf1?key=b48301d897146e8f8efd9bef3c6eb1fcb864cf&get=P0010001,NAME&for=state:*
- **Here is an example of the request URL for ACS 2010 5 Year data for Total Population for California and New York:**
http://api.census.gov/data/2010/acs5?key=b48301d897146e8f8efd9bef3c6eb1fcb864cf&get=B02001_001E,NAME&for=state:06,36
- **Here is an example of the request URL for ACS 2010 5 Year data for Gross Rent as a Percentage of Household Income, 10.0 to 14.9 percent for all counties in CA:**
[http://api.census.gov/data/2010/acs5?key=b48301d897146e8f8efd9bef3c6eb1fcb864cf&get=B25070_003E,NAME&for=county:*\)&in=state:06](http://api.census.gov/data/2010/acs5?key=b48301d897146e8f8efd9bef3c6eb1fcb864cf&get=B25070_003E,NAME&for=county:*)&in=state:06)
- **2010 Census SF1 white population of 12 year olds in Alabama**
[http://api.census.gov/data/2010/sf1?key=\[user key\]&get=PCT012A015,PCT012A119&for=state:01](http://api.census.gov/data/2010/sf1?key=[user key]&get=PCT012A015,PCT012A119&for=state:01)

SF1 Examples and Supported Geographies

40	state	http://api.census.gov/data/2010/sf1?get=P0010001&for=state:06 http://api.census.gov/data/2010/sf1?get=P0010001&for=state:* http://api.census.gov/data/2010/sf1?get=P0010001&gnis=state:01779775
50	state-county	http://api.census.gov/data/2010/sf1?get=P0010001&for=county:001&in=state:06 http://api.census.gov/data/2010/sf1?get=P0010001&for=county:*&in=state:06 http://api.census.gov/data/2010/sf1?get=P0010001&for=county:* http://api.census.gov/data/2010/sf1?get=P0010001&gnis=county:00161526
60	state-county- county subdivision	http://api.census.gov/data/2010/sf1?get=P0010001&for=county+subdivision:86690&in=state:02+county:290 http://api.census.gov/data/2010/sf1?get=P0010001&for=county+subdivision:*&in=state:02+county:290 http://api.census.gov/data/2010/sf1?get=P0010001&gnis=county+subdivision:00161593
67	state-county- county subdivision- subminor civil subdivision	http://api.census.gov/data/2010/sf1?get=P0010001&for=subminor+civil+subdivision:02350&in=state:72+county:127+county+subdivision:79693 http://api.census.gov/data/2010/sf1?get=P0010001&for=subminor+civil+subdivision:*&in=state:72+county:127+county+subdivision:79693 http://api.census.gov/data/2010/sf1?get=P0010001&gnis=subminor+civil+subdivision:02415218
101	state-county- tract-block	http://api.census.gov/data/2010/sf1?get=P0010001&for=block:1213&in=state:02+county:290+tract:00100 http://api.census.gov/data/2010/sf1?get=P0010001&for=block:*&in=state:02+county:290+tract:00100
140	state-county-tract	http://api.census.gov/data/2010/sf1?get=P0010001&for=tract:000101&in=state:02+county:170 http://api.census.gov/data/2010/sf1?get=P0010001&for=tract:*&in=state:02+county:170

150	state-county-tract-block group	http://api.census.gov/data/2010/sf1?get=P0010001&for=block+group:1&in=state:2+county:170+tract:000101 http://api.census.gov/data/2010/sf1?get=P0010001&for=block+group:*&in=state:2+county:170+tract:000101
160	state-place	http://api.census.gov/data/2010/sf1?get=P0010001&for=place:00135&in=state:06 http://api.census.gov/data/2010/sf1?get=P0010001&for=place:*&in=state:06 http://api.census.gov/data/2010/sf1?get=P0010001&for=place:*
230	state-alaska native regional corporation	http://api.census.gov/data/2010/sf1?get=P0010001&for=alaska+native+regional+corporation:00590&in=state:02 http://api.census.gov/data/2010/sf1?get=P0010001&for=alaska+native+regional+corporation:*&in=state:02 http://api.census.gov/data/2010/sf1?get=P0010001&for=alaska+native+regional+corporation:*
280	state-american indian area/alaska native area/hawaiian home land	http://api.census.gov/data/2010/sf1?get=P0010001&for=american+indian+area/alaska+native+area/hawaiian+home+land:03800&in=state:02 http://api.census.gov/data/2010/sf1?get=P0010001&for=american+indian+area/alaska+native+area/hawaiian+home+land:*&in=state:02 http://api.census.gov/data/2010/sf1?get=P0010001&for=american+indian+area/alaska+native+area/hawaiian+home+land:*
281	state-american indian area-tribal subdivision	http://api.census.gov/data/2010/sf1?get=P0010001&for=tribal+subdivision:83127&in=state:40+american+indian+area:13735 http://api.census.gov/data/2010/sf1?get=P0010001&for=tribal+subdivision:*&in=state:40+american+indian+area:13735
320	state-metropolitan statistical area/micropolitan statistical area	http://api.census.gov/data/2010/sf1?get=P0010001&for=metropolitan+statistical+area/micropolitan+statistical+area:11260&in=state:02

		http://api.census.gov/data/2010/sf1?get=P0010001&for=metropolitan+statistical+area/micropolitan+statistical+area:*&in=state:02
323	state-metropolitan statistical area/micropolitan statistical area-metropolitan division	http://api.census.gov/data/2010/sf1?get=P0010001&for=metropolitan+division:31084&in=state:06+metropolitan+statistical+area/micropolitan+statistical+area:31100 http://api.census.gov/data/2010/sf1?get=P0010001&for=metropolitan+division:*&in=state:06+metropolitan+statistical+area/micropolitan+statistical+area:31100
340	state-combined statistical area	http://api.census.gov/data/2010/sf1?get=P0010001&for=combined+statistical+area:428&in=state:24 http://api.census.gov/data/2010/sf1?get=P0010001&for=combined+statistical+area:*&in=state:24
500	state-congressional district	http://api.census.gov/data/2010/sf1?get=P0010001&for=congressional+district:01&in=state:24 http://api.census.gov/data/2010/sf1?get=P0010001&for=congressional+district:*&in=state:24
510	state-congressional district-county	http://api.census.gov/data/2010/sf1?get=P0010001&for=county:003&in=state:24+congressional+district:01 http://api.census.gov/data/2010/sf1?get=P0010001&for=county:*&in=state:24+congressional+district:01
511	state-congressional district-county-tract	http://api.census.gov/data/2010/sf1?get=P0010001&for=tract:702100&in=state:24+congressional+district:01+county:003 http://api.census.gov/data/2010/sf1?get=P0010001&for=tract:*&in=state:24+congressional+district:01+county:003
521	state-congressional district-county-	http://api.census.gov/data/2010/sf1?get=P0010001&for=county+subdivision:90100&in=state:24+congressional+district:01+county:003

	county subdivision	http://api.census.gov/data/2010/sf1?get=P0010001&for=county+subdivision:*&in=state:24+congressional+district:01+county:003
531	state- congressional district-place	http://api.census.gov/data/2010/sf1?get=P0010001&for=place:00125&in=state:24+congressional+district:01 http://api.census.gov/data/2010/sf1?get=P0010001&for=place:*&in=state:24+congressional+district:01
550	state- congressional district-american indian area/alaska native area/hawaiian home land	http://api.census.gov/data/2010/sf1?get=P0010001&for=american+indian+area/alaska+native+area/hawaiian+home+land:03800&in=state:02+congressional+district:00 http://api.census.gov/data/2010/sf1?get=P0010001&for=american+indian+area/alaska+native+area/hawaiian+home+land:*&in=state:02+congressional+district:00
560	state- congressional district-alaska native regional corporation	http://api.census.gov/data/2010/sf1?get=P0010001&for=alaska+native+regional+corporation:00590&in=state:02+congressional+district:00 http://api.census.gov/data/2010/sf1?get=P0010001&for=alaska+native+regional+corporation:*&in=state:02+congressional+district:00
610	state-state legislative district (upper chamber)	http://api.census.gov/data/2010/sf1?get=P0010001&for=state+legislative+district+(upper+chamber):00A&in=state:02 http://api.census.gov/data/2010/sf1?get=P0010001&for=state+legislative+district+(upper+chamber):*&in=state:02

620	state-state legislative district (lower chamber)	http://api.census.gov/data/2010/sf1?get=P0010001&for=state+legislative+district+(lower+chamber):001&in=state:02 http://api.census.gov/data/2010/sf1?get=P0010001&for=state+legislative+district+(lower+chamber):*&in=state:02
871	state-zip code tabulation area	http://api.census.gov/data/2010/sf1?get=P0010001&for=zip+code+tabulation+area:99501&in=state:02 http://api.census.gov/data/2010/sf1?get=P0010001&for=zip+code+tabulation+area:*&in=state:02

ACS Examples and Supported Geography

10	us	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=us:1 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=us:*
40	state	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=state:06 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=state:* http://api.census.gov/data/2010/acs5?get=B00001_001E&gnis=state:01779775
50	state-county	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=county:001&in=state:06 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=county:*&in=state:06 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=county:* http://api.census.gov/data/2010/acs5?get=B00001_001E&gnis=county:00161526
60	state-county- county subdivision	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=county+subdivision:86690&in=state:02+county:290 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=county+subdivision:*&in=state:02+county:290 http://api.census.gov/data/2010/acs5?get=B00001_001E&gnis=county+subdivision:00161593
67	state-county- county subdivision- subminor civil subdivision	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=subminor+civil+subdivision:02350&in=state:72+county:127+county+subdivision:79693 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=subminor+civil+subdivision:*&in=state:72+county:127+county+subdivision:79693 http://api.census.gov/data/2010/acs5?get=B00001_001E&gnis=subminor+civil+subdivision:02415218
70	state-county- county subdivision- place	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=place:05750&in=state:02+county:290+county+subdivision:86690 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=place:*&in=state:02+county:290+county+subdivision:86690 http://api.census.gov/data/2010/acs5?get=B00001_001E&gnis=place:02405187

80	state-county-county subdivision-place-tract	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=tract:000100&in=state:02+county:290+county+subdivision:86690+place:05750 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=tract:*&in=state:02+county:290+county+subdivision:86690+place:05750
91	state-county-county subdivision-place-tract-block group	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=block+group:1&in=state:02+county:290+county+subdivision:86690+place:05750+tract:000100 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=block+group:*&in=state:02+county:290+county+subdivision:86690+place:05750+tract:000100
140	state-county-tract	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=tract:000101&in=state:02+county:170 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=tract:*&in=state:02+county:170
150	state-county-tract-block group	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=block+group:1&in=state:2+county:170+tract:000101 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=block+group:*&in=state:2+county:170+tract:000101
160	state-place	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=place:00135&in=state:06 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=place:*&in=state:06 http://api.census.gov/data/2010/acs5?get=B00001_001E&for=place:*
280	state-american indian area/alaska native	http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area/hawaiian+home+land:03800&in=state:02

area/hawaiian
home land

http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area/hawaiian+home+land:*&in=state:02

http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area/hawaiian+home+land:*

283 state-
american
indian
area/alaska
native area
(reservation
or statistical
entity only)

[http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area+\(reservation+or+statistical+entity+only\):03800&in=state:02](http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area+(reservation+or+statistical+entity+only):03800&in=state:02)

[http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area+\(reservation+or+statistical+entity+only\):*&in=state:02](http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area+(reservation+or+statistical+entity+only):*&in=state:02)

[http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area+\(reservation+or+statistical+entity+only\):*](http://api.census.gov/data/2010/acs5?get=B00001_001E&for=american+indian+area/alaska+native+area+(reservation+or+statistical+entity+only):*)

500 state-
congressional
district

http://api.census.gov/data/2010/acs5?get=B00001_001E&for=congressional+district:01&in=state:24

http://api.census.gov/data/2010/acs5?get=B00001_001E&for=congressional+district:*&in=state:24

http://api.census.gov/data/2010/acs5?get=B00001_001E&for=congressional+district:*