

Census Block Group Map Instructions

If you need to verify a census block group number, TEA has created an interactive map you can use.

Known Address

If you know the exact address, you can search the interactive map for the census block group number.

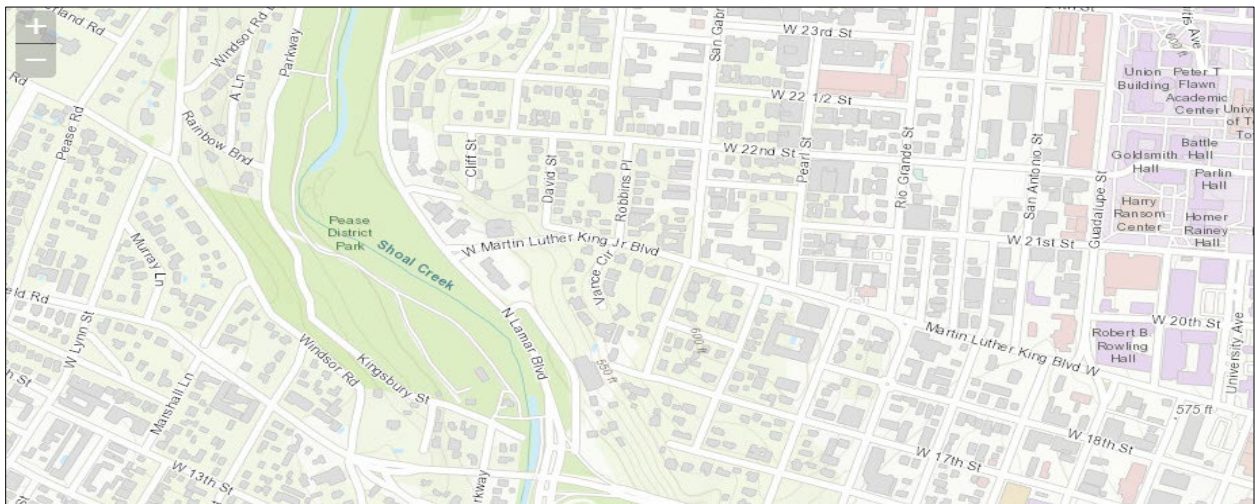


Figure 1: Map Without Search Box

1. Navigate to [Census Block Group Map](https://tea-texas.maps.arcgis.com/apps/webappviewer/index.html?id=90eaceb0831a4eda96434231e652591b)¹.

Changed as of 2022-2023

¹ <https://tea-texas.maps.arcgis.com/apps/webappviewer/index.html?id=90eaceb0831a4eda96434231e652591b>

2. In the top left corner, navigate to the map search box. (See Figure 2. This may take a moment to load. If search box does not load, the map will look like Figure 1.)
3. Click the drop-down arrow and make sure the default option, All, is selected. (See Figure 3).
4. Enter the full address. Be as accurate as possible when entering the address and include a specific street name (Ave., Cv., Ln., etc.). No commas are necessary when entering the address. Click or select the magnifying glass or hit enter on your keyboard to search.



Warning: If you do not include a complete address you may receive inaccurate results. A complete address includes: a street name with a house number, unit, or apartment number if applicable, city, state, and zip code.

5. The map will find the address and the search result will appear on the map. (See Figure 3.)



Figure 2: Map with Search Box



Figure 3: TEA Locator/Known Address

6. You can see information on the map in three different ways.
- Click or select the minus button in the top left corner to zoom out. Zoom out until you see the 12-digit -GEOID and area on the map. The 12-digit GEOID is the Census Block Group Number. You can see the census block boundaries and the exact address pin within that block. (See Figure 4.)

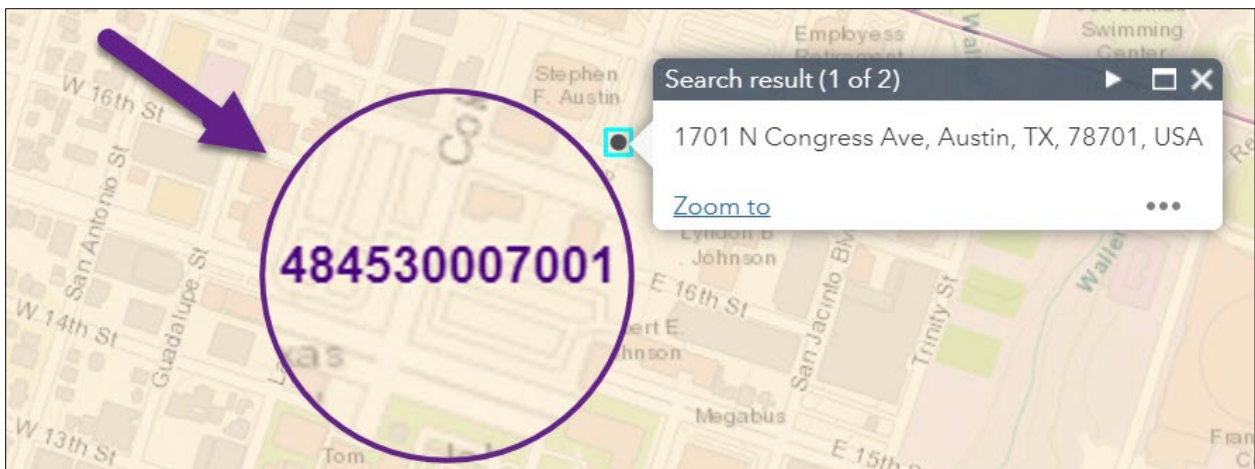


Figure 4: Census Block Group Information

- Complete the step above, then click or select anywhere inside the census block area. A new box will pop up with full demographic details about that census block. Use the **GEOID**. The GEOID is the correct 12-digit census block group number. (See Figure 5.)

Census_Block: 48484530007001	
GEOID	484530007001
POPULATION	1,466
POP_SQMI	2,364.50
POP2010	1,339
POP10_SQMI	2,159.70
WHITE	1,053
BLACK	70
AMERI_ES	8

Figure 5: Detailed Census Block Data

- c. Complete step **a** and look for the arrow tab in the center/bottom of the page. Click or select that arrow tab. A new box will pop up with full demographic details about that census block group. Use the **GEOID**. The GEOID is the correct 12-digit census block group number. (See Figure 6.)

The screenshot shows the 'Census Block Group Map' interface. At the top, there is a search bar containing '1701 N congress ave austir'. Below the search bar, a map displays the location in Austin, TX. A search result popup shows '1701 N Congress Ave, Austin, TX, 78701, USA'. A purple arrow points to a specific census block group on the map. Below the map, there is a table with the following data:

GEOID	POP_SQMI	POP2010	POF	AMERI_ES	ASIAN	HAWN_PI
484530007001	4,963.50	1,986	3,81	7	363	0

Figure 6: Arrow Tab

Note: If you are zoomed out too far, you could see several GEOIDs associated with multiple census block group areas within that window. (See Figure 7.) To narrow your choices, zoom back into the exact map point. (See Figure 6.)

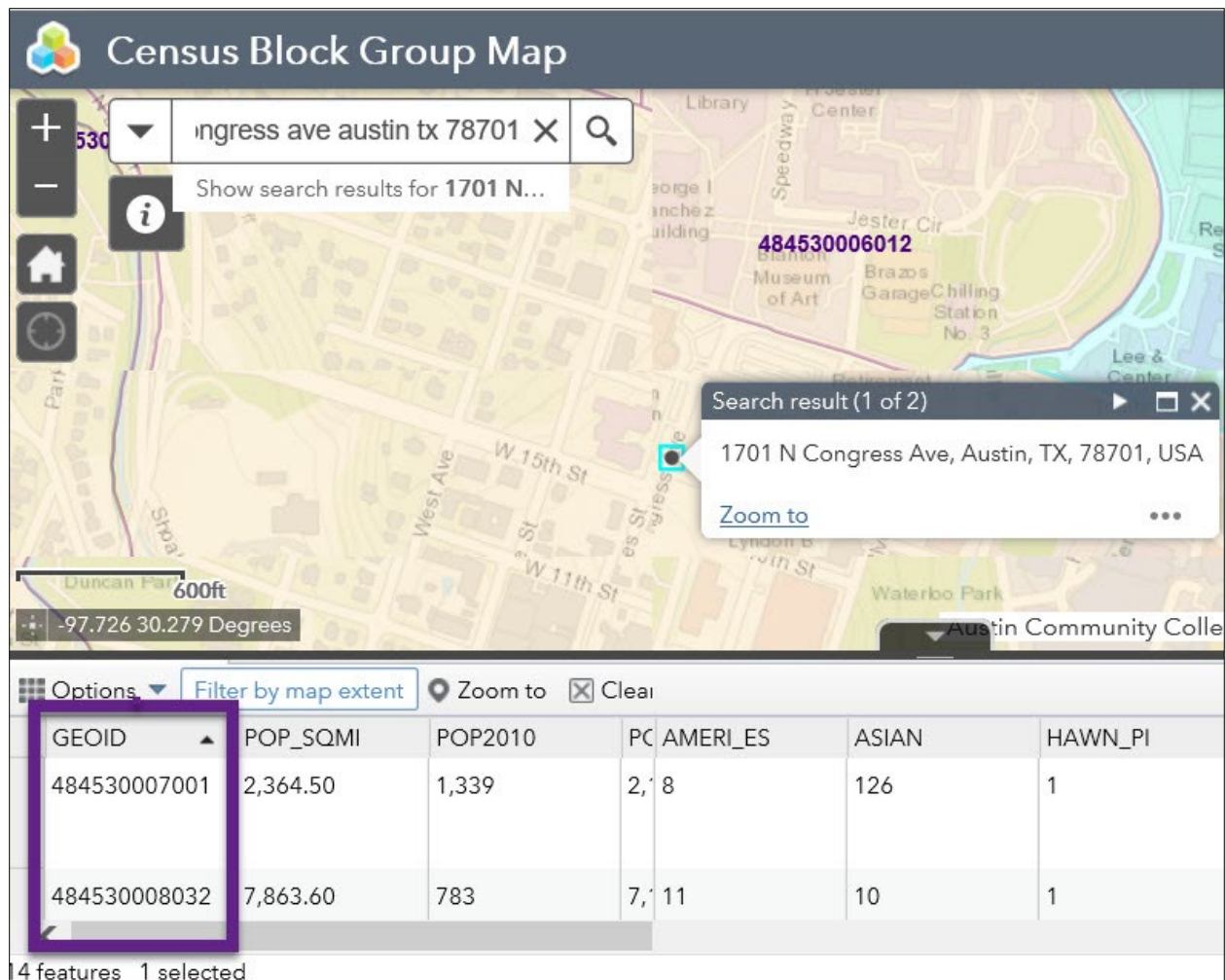


Figure 7: Multiple GEOIDs

New Address

If you are searching for a new address, you can still use the interactive map. A new address could identify a newly built apartment complex or neighborhood.

1. Using the new address, repeat steps 1-5 above (from the Known Address section).
2. The map will find the address and an estimated search result will appear on the map. Even if the street is not showing up on the image, the map estimates where it will be. (See Figure 8.)

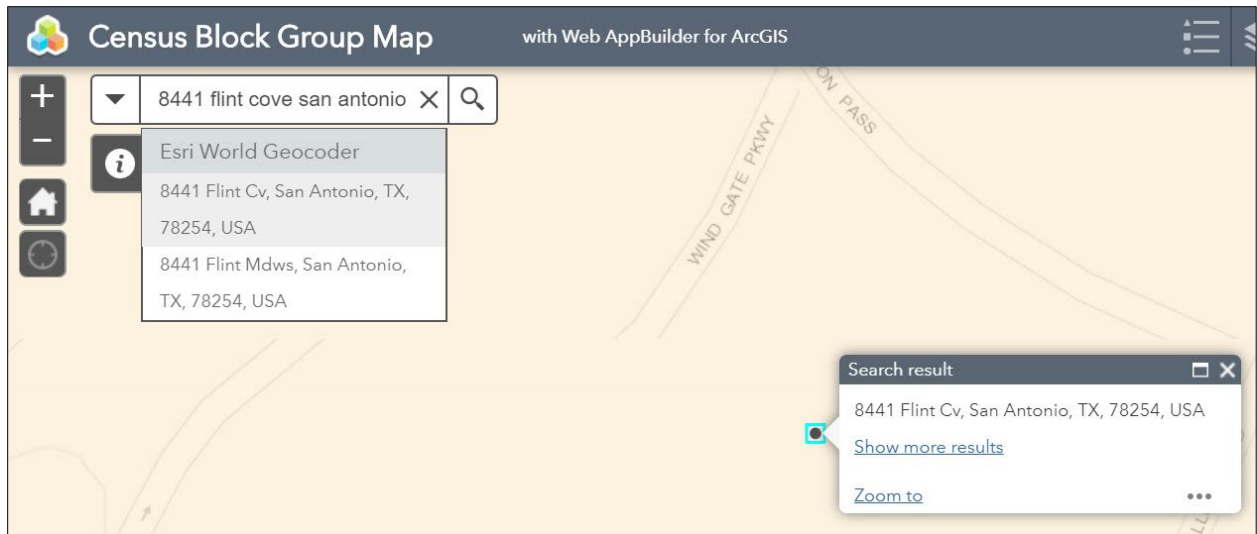


Figure 8: New Address

Latitude and Longitude

You can use the latitude and longitude from the Census Block Group Calculator to verify any street address.

- Click the drop-down arrow and select "All" to process requests using latitude and longitude (See Figure 9).
- The "All" drop-down is the default drop-down option.

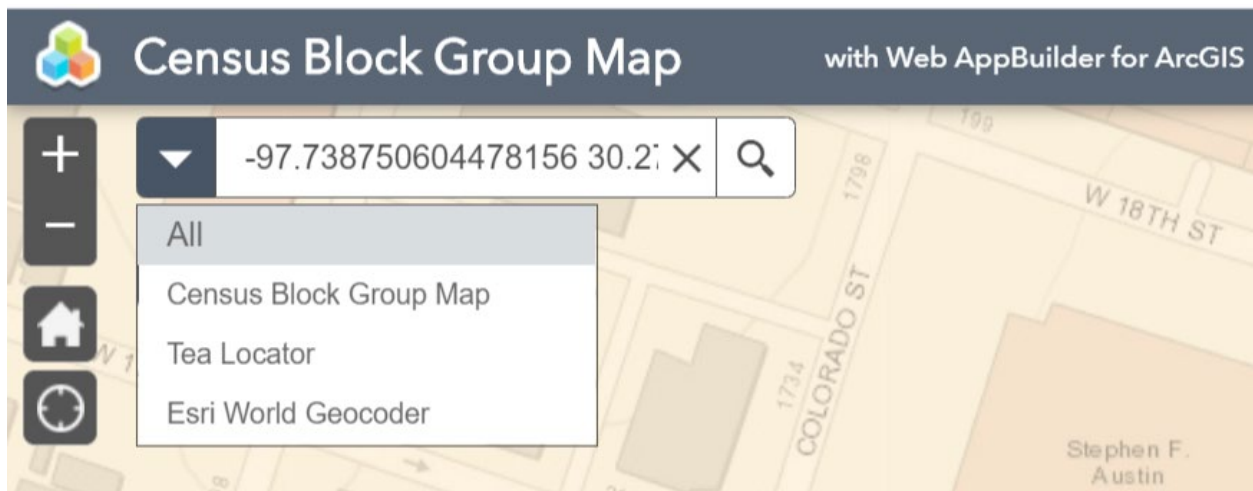


Figure 9: Latitude and Longitude

1. From the Census Block Group Calculator, copy the latitude and longitude (columns I & J) associated with the street address.
2. Paste the latitude and longitude into the map search box. Select the magnifying glass or hit enter on your keyboard to search.
3. If the location is found, then the search result will appear on the map. Instead of a street address, you will see the latitude and longitude information (See Figure 10).

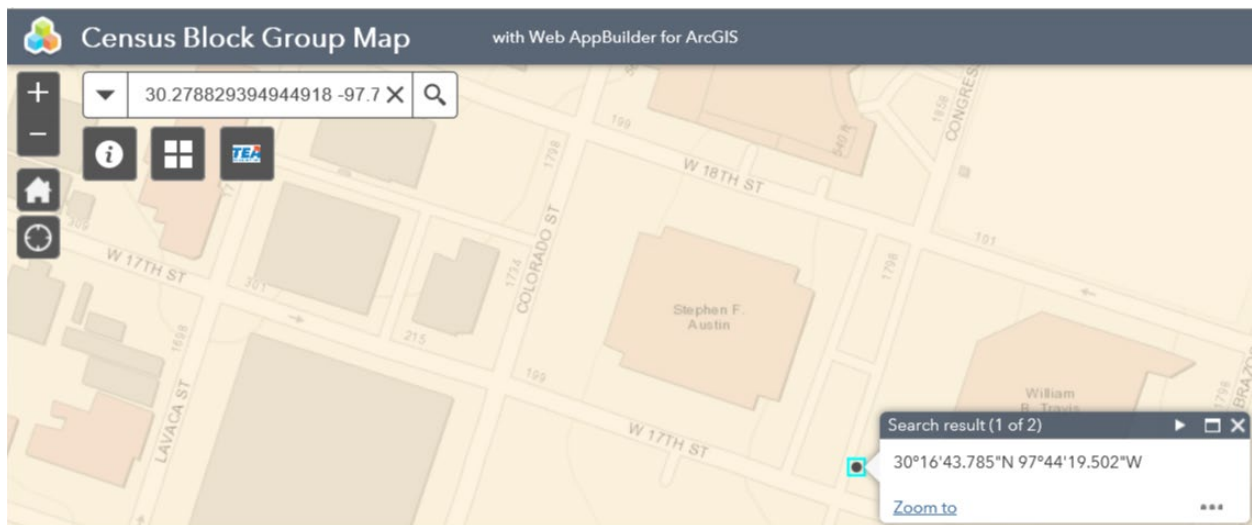


Figure 10: Latitude and Longitude Example

Technical Issues

If you have any technical issues with the Census Block Group Calculator, please submit a [TIMS ticket](https://tealprod.tea.state.tx.us/)².

²<https://tealprod.tea.state.tx.us/>