DATA.CENSUS.GOV
DEEP LINKING GUIDE

Census Enterprise Dissemination Services and Consumer Innovation (CEDSCI)

Version 2.0

12/14/2020

United States Census Bureau

Document Revision History

Version	Date	Revision Description	Section	Author
1.0	01/29/2020	Initial Public Release	All	CED DRUA
2.0	12/14/2020	URL Formatting Update	1,2,3,4,5,6, Appendix A	CED DRUA

Table of Contents

1 Purpose 1
2 Understanding the data.census.gov URL format 2
2.1 Global URL Parameters 2
2.1.1 Geo IDs and Collections Explained 4
2.2 Specific URL Parameters 6
2.2.1 Map Specific Parameters 7
2.2.2 Table Specific Parameters 8
2.2.3 Profile Page Specific Parameters 9
2.3 Special Characters 9
3 Deep Link Use Cases 11
3.1 Use Case – Population and People in Maryland – All Results and Table Results 11
3.1.1 Linking to All Search Results 11
3.1.2 Linking directly to Table Results 12
3.2 Use Case - Population Total in Maryland – All Results and Map Results 14
3.2.1 Linking to All Search Results 14
3.2.2 Linking Directly to Map Results 15
3.2.3 Linking to Customized Map Results 18
3.3 Use Case – Linking Directly to a Table 20
3.3.1 Building a Direct Table Link 20
3.3.2 Updating a Direct Table Link 20
3.4 Use Case – Profile Page Deep Linking 22
3.4.1 Creating Profile Page Deep Links 22
3.4.2 Creating Deep Links to Sections on a Profile Page 23
4 Examples of Linking to Search Results in Basic Search 24
5 Examples of Linking to Table results from Basic Search 25
6 Examples of Linking to Map results from Basic Search 26
7 Examples of Linking to a Geography Profile 27
APPENDIX A Building Deep Links with Advanced Search 28

Table of Figures

Figure 1 – Geographic Summary Levels 4
Figure 2 – Obtaining Geographic ID from Advanced Search 5

Table of Tables

Table 1 Global URL Parameters 2
Table 2 - Map Specific Parameters 7
Table 3 – Table Specific Parameters 8
Table 4 – Profile Page Specific Parameters 9
Table 5 – URL Encoded Values for Special Characters 9
Table 6 – Special Characters with Functions in URL 10

1 Purpose

The data.census.gov platform utilizes Uniform Resource Locators (URLs) to store information about the data being displayed. As a user creates searches, views results, and customizes tables or maps, these interactions are captured in the URL. As a result, users may save these URLs and use them to easily share information.

The purpose of this document is to demonstrate how a deep link URL may be built using the site parameters. This document should enable the construction of a deep link by any user. Using this guide, users will gain an understanding of how data.census.gov URLs are constructed, the meaning of each parameter, and of how to combine any number of these discrete parameters available to generate valid URLs.

2 Understanding the data.census.gov URL format

The URL for information on data.census.gov always begins with the landing page address (https://data.census.gov/cedsci/). The parameters added after this address are based on the search criteria entered by a user, or the changes made by a user to what data is displayed (for example selecting specific years for a table). This allows an end user to reuse that updated URL for deep linking directly to a customized table or map by making changes to the URL for the results returned from an initial query.

These parameters are classified into two groups:

1. Global parameters, which are used for all URL types regardless of page or component
2. Specific parameters, which are used by only a few pages or components, for example parameters for Maps and Table results pages

The available values for a given parameter can vary greatly depending on the circumstances in which it is selected. For example, if the survey (d=) parameter references the Decennial Census, certain values for years (y=) will be unavailable, since Decennial tables only cover certain years. The data.census.gov advanced search functionality provides a powerful tool for exploring URL parameters, available values, and the interactions between different parameter combinations.

Note: To effectively deep link in data.census.gov, certain special characters must be appropriately encoded when used in the URL. Section 2.3 provides information on how to correctly encode special characters.

2.1 Global URL Parameters

Global URL Parameters can be used in any section or page in data.census.gov. (i.e. Tables, Maps). Table 1 explains the parameters of a data.census.gov URL for both searches and results.

Note that when multiple parameters are included in a URL, only the first parameter utilizes a question mark as a separator. All subsequent parameters are separated by an ampersand (&).

In the example below, the geography selection is expressed by **?g=** with a question mark separating it from the first parameter. By contrast, the topic is expressed by **&t=**, with an ampersand separating it from the second parameter.

https://data.census.gov/cedsci/all**?g=**0400000US24**&t=**Populations%20and%20People

Table 1 - Global URL Parameters

Parameter	Meaning	Example
/all?	Default parameter for search results. When inserted, all result types (maps, tables, and pages) are displayed	https://data.census.gov/cedsci/all?
/map?	When inserted following the base URL, displays map results instead of all results	https://data.census.gov/cedsci/map?
/table?	When inserted following the base URL, displays table results instead of all results	https://data. census.gov/cedsci/table?
/webpages?	When inserted following the base URL, displayed web page results instead of all results	
text=	Text entered in first search box under the advanced search heading	text=DP05
q=	The text typed into the single search bar	q=income (see section 2.3 for information on how to handle spaces in text searches)
t=	Topics from the filter panel or from Advanced Search	t=poverty
g=	Geographies, represented with GEOIDs	g=0400000US24 (see section 2.1.1 for detailed explanation)
y=	Year	y=2017
d=	Dataset Allows for the input of plain text survey names into the URL Note: Entry must utilize URL Encoded Values for special characters. See Section 2.3 for more information	d=DEC%20Summary%20File%201 The above example provides a properly formatted parameter for DEC Summary File 1
n=	North American Industry Classification System (NAICS) Code(s)	n=5312

Parameter	Meaning	Example
p=	Product/Service Code(s)	p=10113
matfuel=	Material/Fuel Code(s)	matfuel=00971000
napcs=	North American Product Classification System (NAPCS) Code(s)	napcs=4000025000
comm=	Commodity Flow Survey (CFS) Code(s)	comm=0413
tid=	Table ID, containing information on the product and the table displayed. Format: [ProductName].[TableID]	tid=ACSST1Y2017.S1701 In this example tid references table S1701, for the 2017 ACS 1-Year Estimates Subject Table (ACSST1Y2017)

2.1.1 Geo IDs and Collections Explained

Geographic identifiers (GEOIDs) are utilized to narrow a search to a specific geographic area, represented by a unique identifier. GEOIDs are numeric codes that uniquely identify all administrative/legal and statistical geographic areas for which the Census Bureau tabulates data. From Alaska, the largest state, to the smallest census block in New York City, every geographic area has a unique GEOID.

Detailed information on GEOIDs can be found on the Census website on the Understanding Geographic Identifiers (GEOIDs) page. For further information on Census Geographies as a whole, please see the Guidance for Geography Users,

2.1.1.1 Geographic IDs on data.census.gov

Census Geographic IDs contain a significant amount of information regarding the selected areas. This is reflected in the structure of the ID. Geographic IDs use are constructed as follows:

Figure 1 – Geographic Summary Levels

```
0100000US         - United States
0100001US         - United States - Urban
0400000US39       - Ohio
0500000US39023    - Clark County, Ohio
1600000US3974118  - Springfield City, Ohio
5000600US0602     - Congressional District 2 (106th Congress), California
                    FIPS code(s) or other geographic codes (varies with summary level)
                  Geographic component
                Geographic variant (Congressional District vintage)
              Geographic summary level
```

On data.census.gov, geographies are represented in the URL by the parameter **g=**

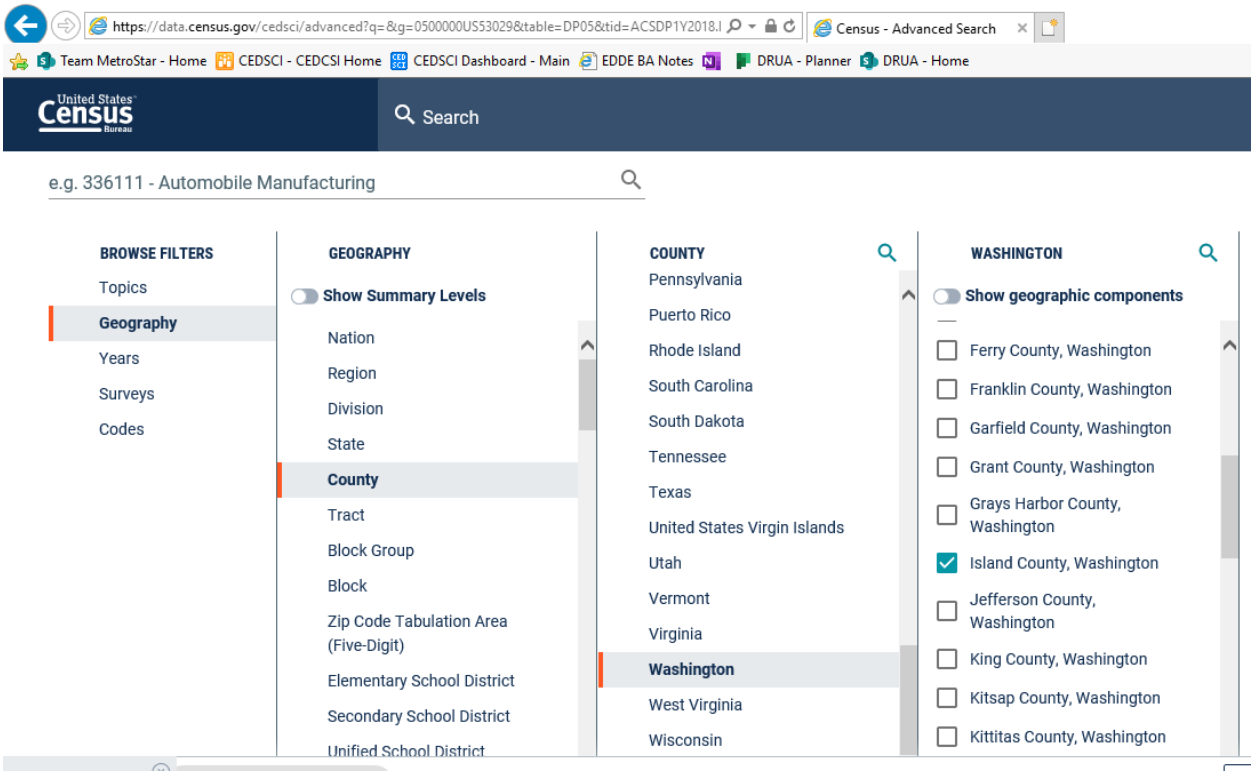
When geographies within different geographic summary levels are selected, they are divided by an underscore in the URL. Below are a few examples:

- g=0400000US02,12_0500000US24005 – Selecting Alaska (02) and Florida (12) within State (040) AND selecting Baltimore County, MD (24005) under Maryland within County (050)
- g=0400000US02,12_0500000US24005,26003 - Selecting Alaska (02) and Florida (12) within State (040) AND selecting Baltimore County, MD (24005) and Alger County, MI (26003) within County (050)

The Geographic ID for a specific location can be obtained using the Advanced Search function of data.census.gov. On the advanced search page, users may browse geographies available on the site. When a specific geography is selected, the URL updates with that geography.

For example, if Island County, WA is selected via the Advanced Search screen, the URL updates with g=0500000US53029, the geo ID for Island County.

Figure 2 – Obtaining Geographic ID from Advanced Search



2.1.1.2 Geography Collections on data.census.gov

Geography collections allow users to select a collection of geographies in bulk, using either a single checkbox in Advanced Search, or a single parameter within the URL. A comprehensive list of currently available collections can be found in Appendix 2 of the data.census.gov Release Notes.

Within the URL, geography collections are represented by a g= parameter value combining the GeoID for the containing geography with the Geographic Summary Level of the items within the collection.

For example, All Counties in Alabama would be represented as g=0400000US01.050000

0400000US01 is the GeoID for Alabama and **050000** indicates that all geographic ids at the county summary level should be selected within Alabama.

2.2 Specific URL Parameters

Specific URL Parameters are used in specified sections of data.census.gov and only apply to content in that section (e.g. Tables, Maps).

2.2.1 Map Specific Parameters

Table 2 - Map Specific Parameters

Parameter	Meaning	Examples
layer=	Layer (Summary Level) - The boundaries that are shown on the map. These values also contain the vintage for the layer. This corresponds to the entries displayed in the **Geographies** dropdown in the map view. It is recommended that users utilize the Geographies dropdown on the map view to generate layer values.	layer=VT_2018_050_00_PY_D1 The above example shows the value for the 2018 county level (050_00) boundaries layer=VT_2018_040_00_PP_D1 The above example shows the value for the 2018 state level" (040_00) boundaries
cid=	Cell ID for selected data variable This corresponds to the entries in the **Data Variable** dropdown in the map view. Changing this dropdown will change the cid in the URL.	cid=S1501_C01_003E cid=S1501_C01_001E
palette=	Selected theme colors Available color palettes can be viewed by selecting **Customize Map** and then selecting the **Color Palette** Dropdown	palette=Spectral palette=YlOrBr
break=	Selected number of ranges to divide thematic data Available breaks range from 1 to 9	break=5 break=6
classification=	Selected classification used to determine breaks Available classifications: • Natural Breaks • Quantile • Equal Interval	classification=Natural%20Breaks classification=Quantile classification=Equal%20Interval

Parameter	Meaning	Examples
mode=	Type of map displayed: • Selection – map preview with selected geographies displayed, but no table yet selected • Thematic – map preview with selected table and geographies displayed on the map • Customize – custom map view with selected geographies and table displayed and customization controls available	mode=customize **Note:** if mode= does not have a value, the customization panel will not display and instead the table results list will display next to the map
vintage=	Selected vintage (year) of the map boundaries displayed, Vintage is controlled by the year of the product selected. For example, selecting 2014 ACS 5-Year estimates will select 2014 vintage geography extents and vector tiles.	vintage=2018 vintage=2014

2.2.2 Table Specific Parameters

Table 3 – Table Specific Parameters

Parameter	Meaning	Example
hidePreview=	On table results page, controls whether the selected table is shown in preview mode (hidePreview=false) or as a full table (hidePreview=true)	hidePreview=true hidePreview=false
moe=	Show or hide the **Margin of Error** columns in a table.	moe=true moe=false
tp=	Transpose a table from the default layout.	tp=true tp=false

2.2.3 Profile Page Specific Parameters

Table 4 – Profile Page Specific Parameters

Parameter	Meaning	Example
/profile?	When inserted in conjunction with a geographic entity, this creates a URL for a Profile Page. At the time of publication, Geographic Profile Pages are available for the following summary levels: • Nation • State • County • Place • County Subdivision	profile?g=0400000US51 profile?g=0400000US53

Note: Currently, profile pages are only supported for geographic entities. As additional profile page types are added, additional parameters will be made available to link to them.

2.3 Special Characters

All parameter values must be URL encoded to work correctly in data.census.gov. The browser automatically encodes this upon a submission via data.census.gov searches (For example, when a search query for Population and People is submitted, it is encoded as Population%20and%20People.) However, when adding a link manually users should encode special characters (delimiters) in URL format. This encoding is explained in the table below.

Table 5 – URL Encoded Values for Special Characters

Special Character	Description	URL Encoded Value
Space	Space	%20
!	exclamation point	%21
#	Hash	%23
$	dollar sign	%24
%	percent sign	%25
+	plus sign	%2B
/	Slash	%2F

:	Colon	%3A
;	semi-colon	%3B
|	Pipe	%7C

Some special characters serve specific functions in data.census.gov URLs. These characters are not encoded, and their functions are listed in the below table.

Table 6 – Special Characters with Functions in URL

Special Character	Description	Function in data.census.gov URL
-	minus sign	Used in certain product names
.	Period	Used as part of the domain name and in table IDs. Example: data.census.gov Example: tid=ACSDP1Y2018.DP05
_	Underscore	Used as part of URL construction

3 Deep Link Use Cases

The following use cases demonstrate how different data.census.gov deep link URLs may be constructed utilizing the parameters outlined above.

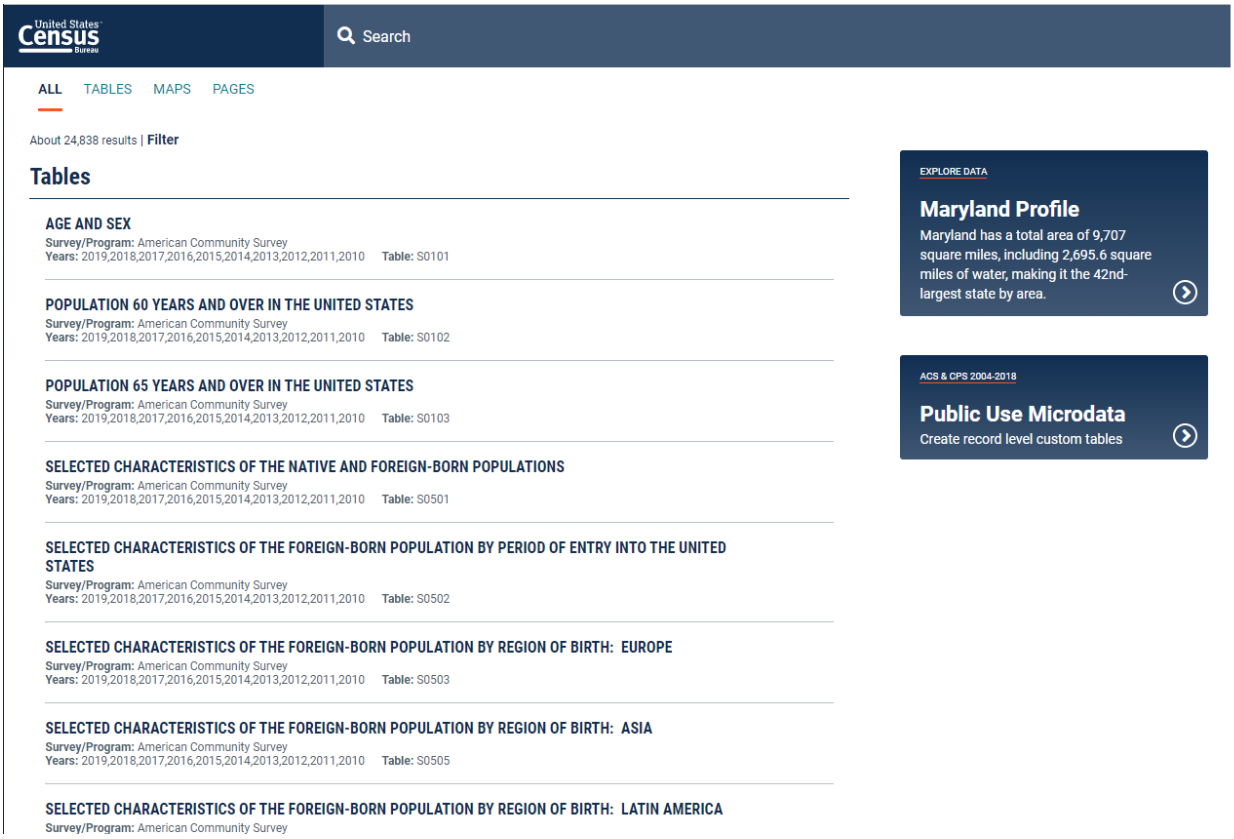
3.1 Use Case – Population and People in Maryland – All Results and Table Results

3.1.1 Linking to All Search Results

The URL below represents a search for the topic of Populations and People **t=Populations%20and%20People** in Maryland **g=0400000US24** in which all results are displayed **/all?**

Note that the spaces in Populations and People are appropriately encoded [%20]

https://data.census.gov/cedsci/all?g=0400000US24&t=Populations%20and%20People



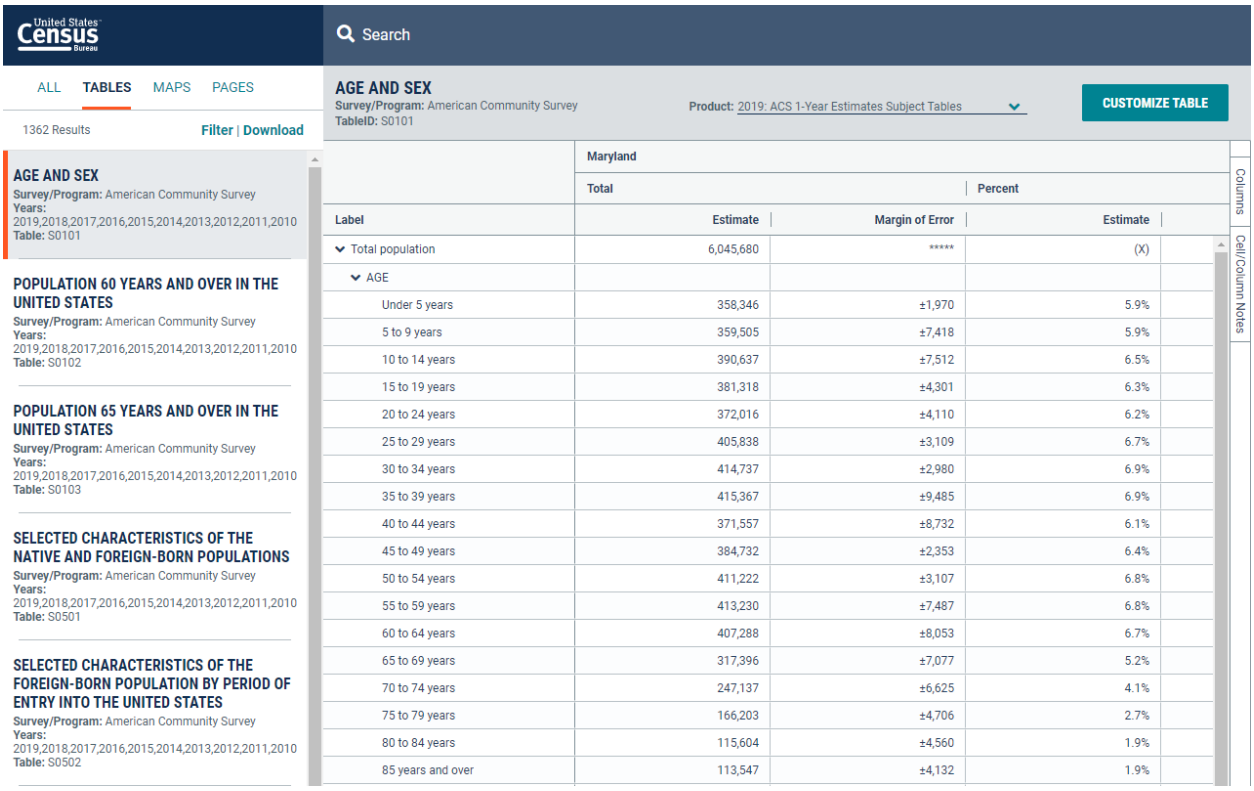
3.1.2 Linking directly to Table Results

By changing **/all?** in the above results to **/table?** the same URL will now link directly to the Table Results for Populations and People in Maryland.

https://data.census.gov/cedsci/table?t=Populations%20and%20People&g=0400000US24&hidePreview=false

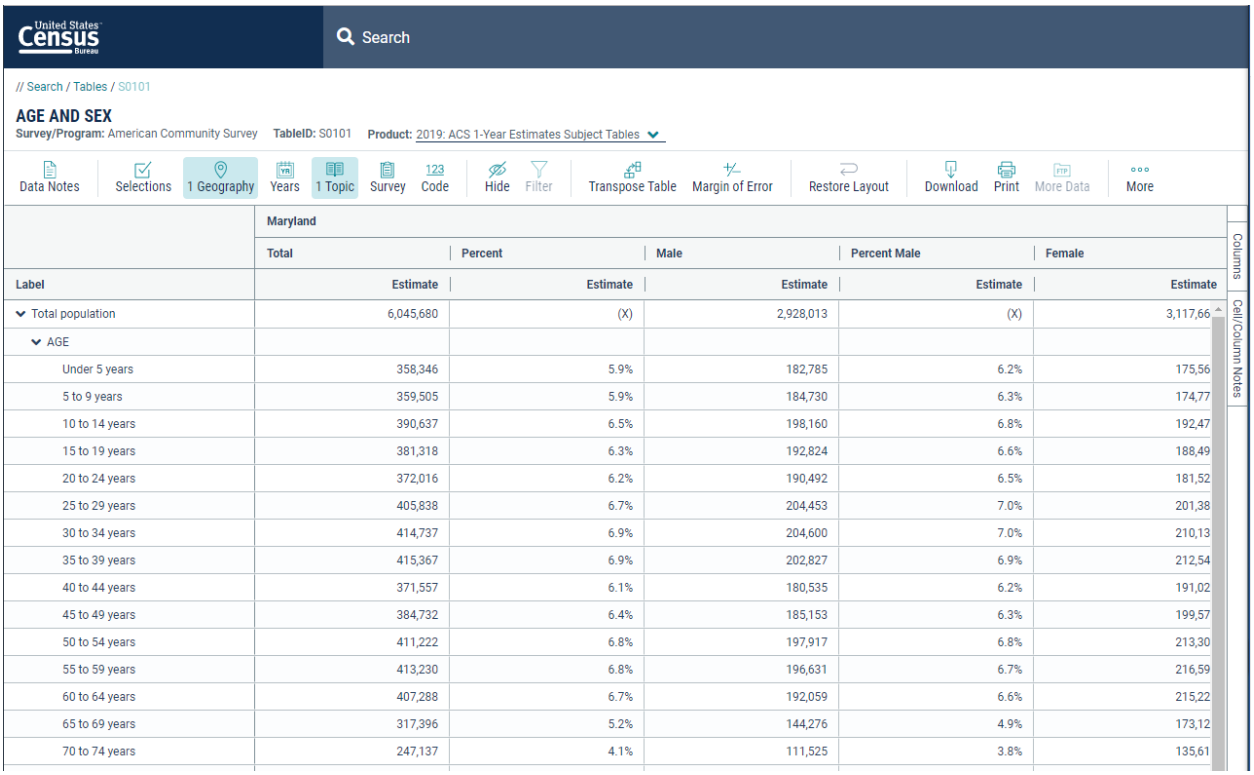
When the table results of this search are returned, additional parameters are included in the URL:

1. **&hidePreview = False** – Indicates that a preview for the first table result will be shown



Clicking CUSTOMIZE TABLE for the previewed S0101 table will load a full view of the table. From this full view, manipulations to the table are further reflected in the URL for example, clicking the MoE toggle, or manually adding **&moe=false** will remove the Margin of Error.

https://data.census.gov/cedsci/table?t=Populations%20and%20People&g=0400000US24&tid=ACSST1Y2019.S0101&**moe=false**&hidePreview=true



// Search / Tables / S0101

AGE AND SEX

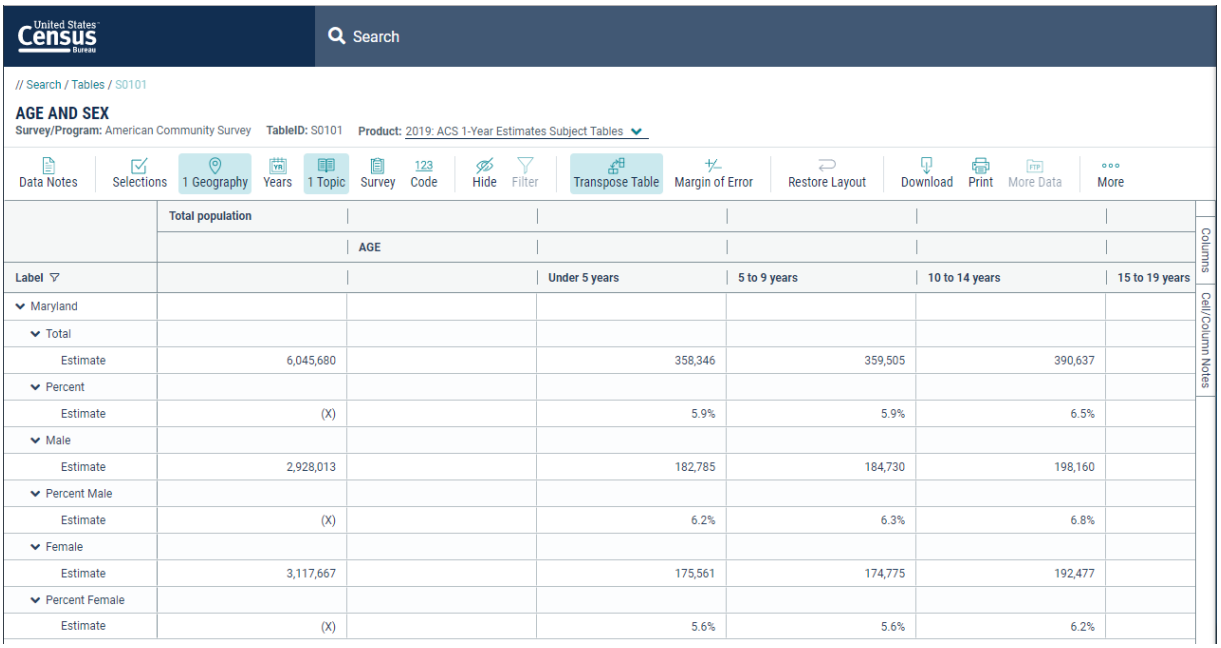
Survey/Program: American Community Survey **TableID:** S0101 **Product:** 2019: ACS 1-Year Estimates Subject Tables

Data Notes | Selections | 1 Geography | Years | 1 Topic | Survey | Code | Hide | Filter | Transpose Table | Margin of Error | Restore Layout | Download | Print | More Data | More

	Maryland				
	Total	Percent	Male	Percent Male	Female
Label	Estimate	Estimate	Estimate	Estimate	Estimate
Total population	6,045,680	(X)	2,928,013	(X)	3,117,66
AGE					
Under 5 years	358,346	5.9%	182,785	6.2%	175,56
5 to 9 years	359,505	5.9%	184,730	6.3%	174,77
10 to 14 years	390,637	6.5%	198,160	6.8%	192,47
15 to 19 years	381,318	6.3%	192,824	6.6%	188,49
20 to 24 years	372,016	6.2%	190,492	6.5%	181,52
25 to 29 years	405,838	6.7%	204,453	7.0%	201,38
30 to 34 years	414,737	6.9%	204,600	7.0%	210,13
35 to 39 years	415,367	6.9%	202,827	6.9%	212,54
40 to 44 years	371,557	6.1%	180,535	6.2%	191,02
45 to 49 years	384,732	6.4%	185,153	6.3%	199,57
50 to 54 years	411,222	6.8%	197,917	6.8%	213,30
55 to 59 years	413,230	6.8%	196,631	6.7%	216,59
60 to 64 years	407,288	6.7%	192,059	6.6%	215,22
65 to 69 years	317,396	5.2%	144,276	4.9%	173,12
70 to 74 years	247,137	4.1%	111,525	3.8%	135,61

If the table is transposed, **&tp=true** is added to the URL, allowing it to link to the transposed table

https://data.census.gov/cedsci/table?t=Populations%20and%20People&g=0400000US24&tid=ACSST1Y2019.S0101&moe=false&**tp=true**&hidePreview=true



// Search / Tables / S0101

AGE AND SEX

Survey/Program: American Community Survey **TableID:** S0101 **Product:** 2019: ACS 1-Year Estimates Subject Tables

Data Notes | Selections | 1 Geography | Years | 1 Topic | Survey | Code | Hide | Filter | Transpose Table | Margin of Error | Restore Layout | Download | Print | More Data | More

	Total population					
		AGE				
Label			Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
Maryland						
Total						
Estimate	6,045,680		358,346	359,505	390,637	
Percent						
Estimate	(X)		5.9%	5.9%	6.5%	
Male						
Estimate	2,928,013		182,785	184,730	198,160	
Percent Male						
Estimate	(X)		6.2%	6.3%	6.8%	
Female						
Estimate	3,117,667		175,561	174,775	192,477	
Percent Female						
Estimate	(X)		5.6%	5.6%	6.2%	

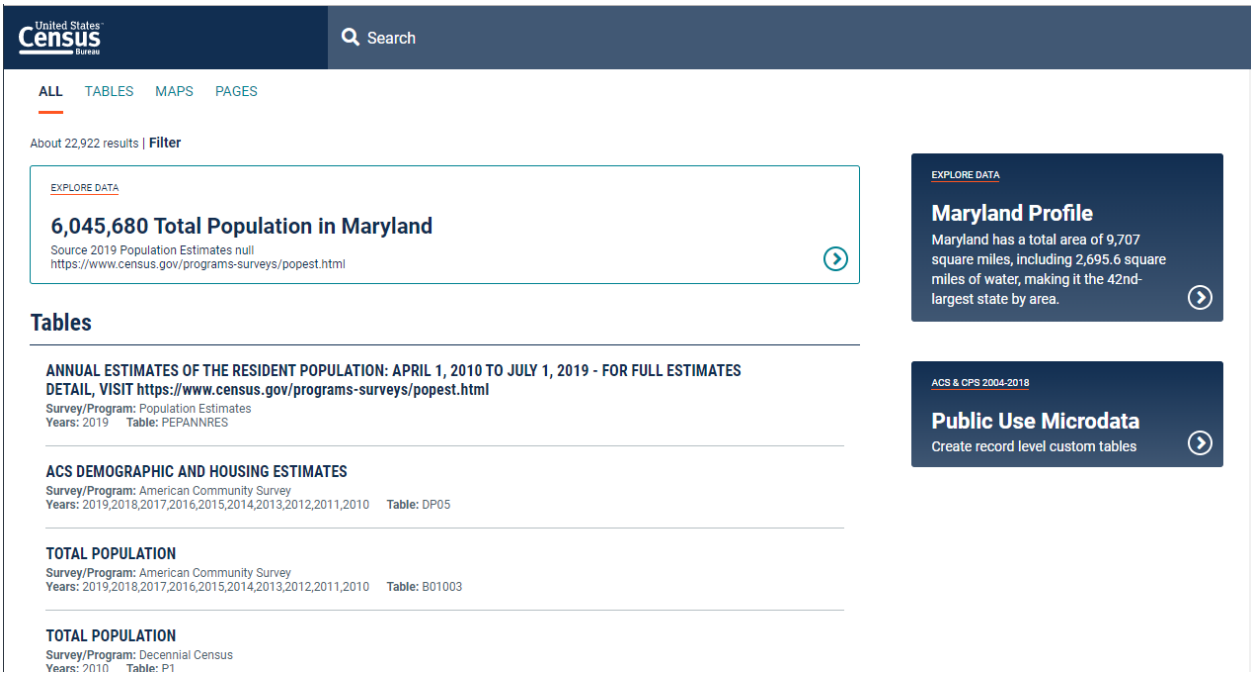
3.2 Use Case - Population Total in Maryland – All Results and Map Results

3.2.1 Linking to All Search Results

The following URL represents a search for Population Total **t=Population%20Total** in Maryland **g=0400000US24** in which all results are shown **/all?**

http://data.census.gov/cedsci/all?g=0400000US24&t=Population%20Total

Note that the spaces in Populations and People are appropriately encoded [%20]



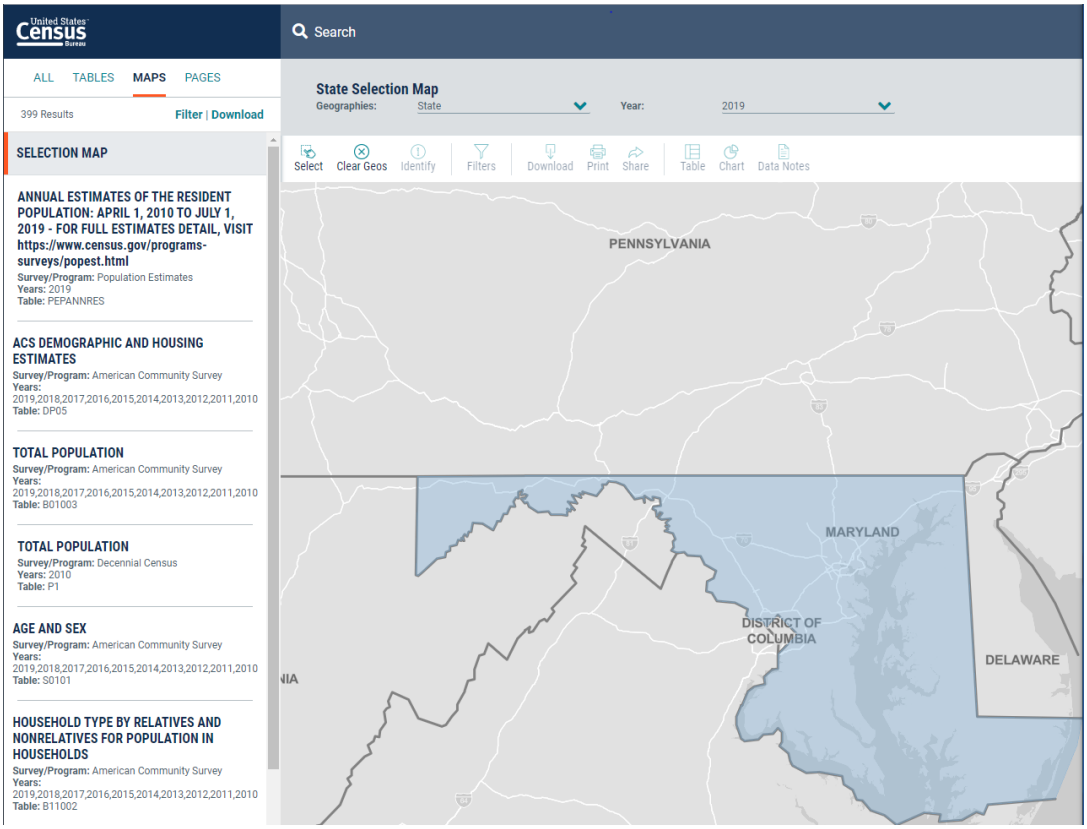
3.2.2 Linking Directly to Map Results

By changing **/all?** in the above results to **/map?** the same URL will now link directly to the Map Results for the original query of Total Population.

https://data.census.gov/cedsci/**map?**t=Population%20Total&g=0400000US24&vintage=2018&layer=VT_2018_040_00_PP_D1&mode=selection

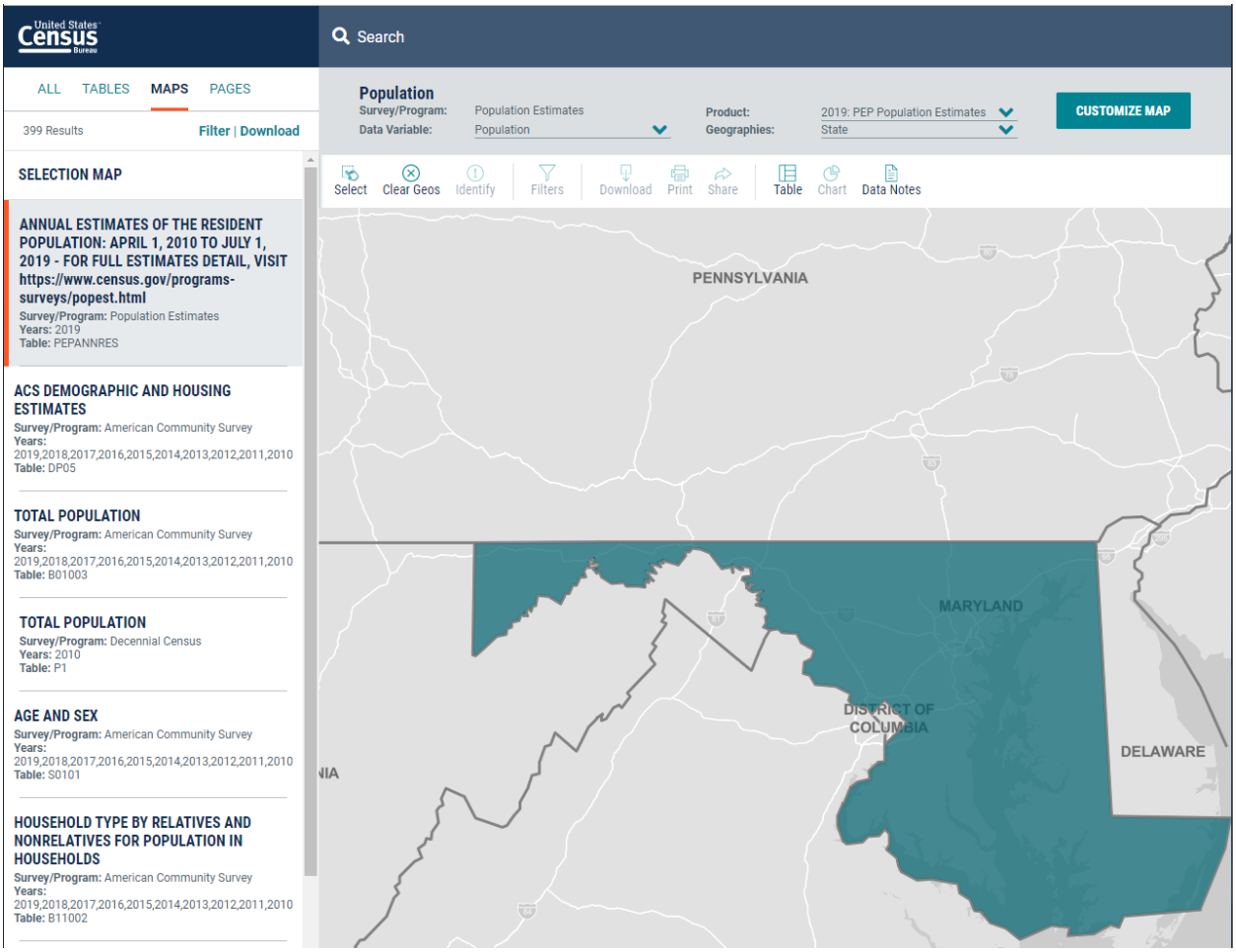
When the Maps page loads, it will show the selection map for the geography included in search, in this case Maryland. The URL will also contain additional parameters, relevant to the display of the top table result:

1. **vintage=2019** – Indicates that 2019 map boundaries are in use
2. **layer=VT_2019_040_00_PP_D1** – Indicates that the state layer (040) is in use
3. palette=Teal
4. break=5
5. classification=Natural%20Breaks
6. mode=selection



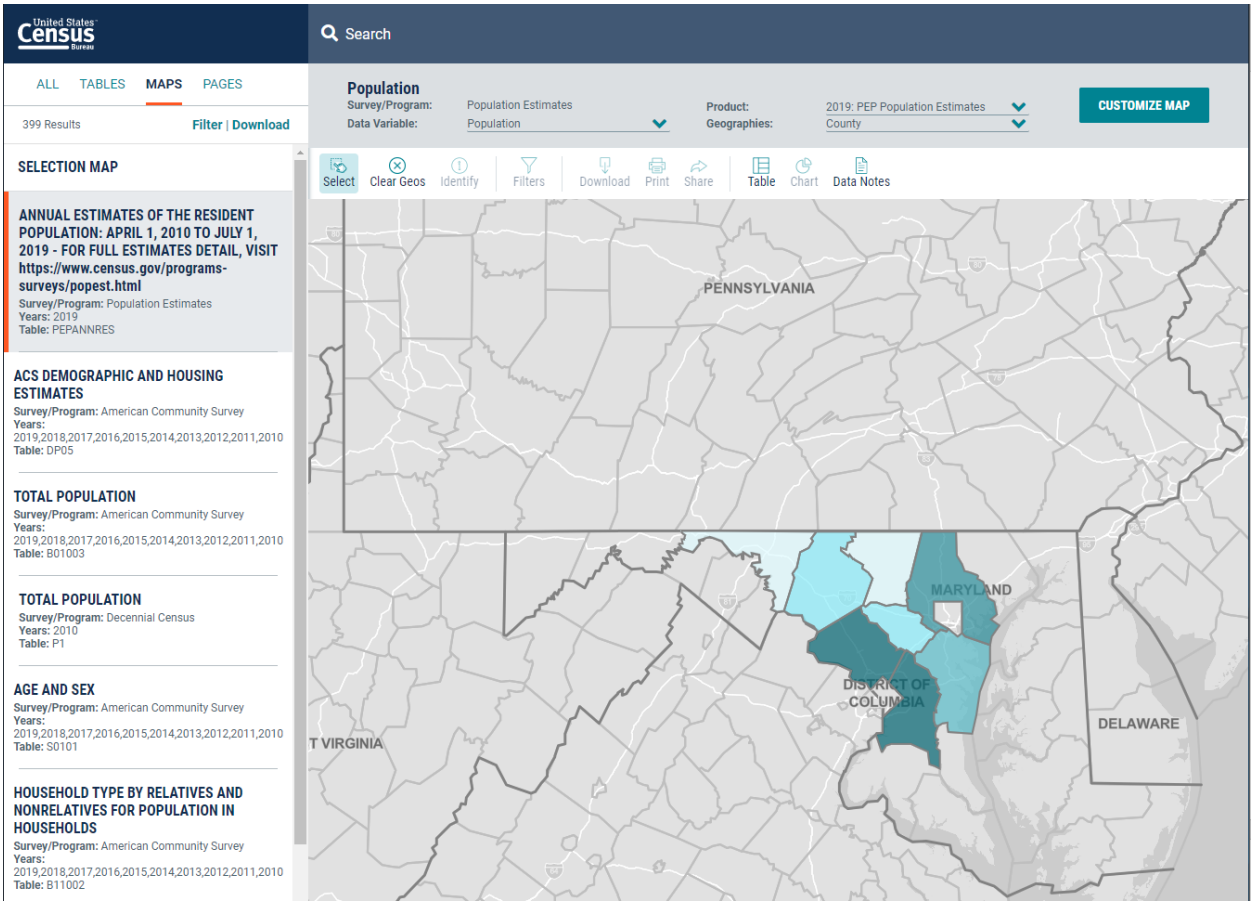
Clicking the first table result loads that result on to the preview map, changing the map preview mode from selection to thematic.

https://data.census.gov/cedsci/map?t=Population%20Total&g=0400000US24&tid=PEPPOP2019.PEPANNRES&vintage=2019&layer=VT_2019_040_00_PP_D1&cid=POP&**mode=thematic**



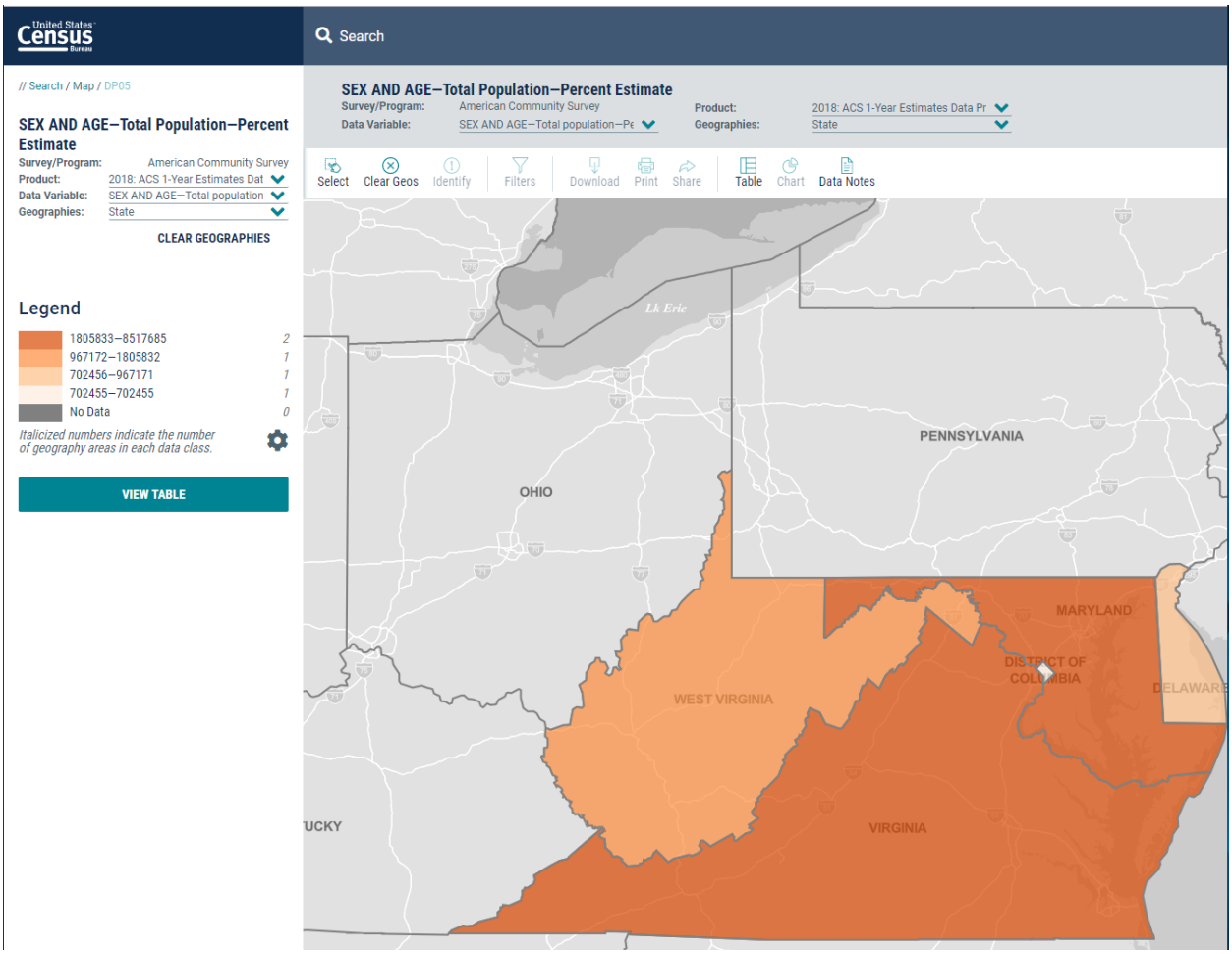
Map manipulations made on the Map Results page are reflected in the URL. The below example, several counties have been selected.

https://data.census.gov/cedsci/map?t=Population%20Total**&g=0400000US24_0500000US24003,24005,24013,24021,24027,24031,24033,24043**&tid=PEPPOP2019.PEPANNRES&hidePreview=false&vintage=2019&layer=VT_2019_050_00_PY_D1&cid=POP&mode=thematic



3.2.3 Linking to Customized Map Results

Clicking CUSTOMIZE MAP allows a user to further customize a map view. These customizations are captured in the URL.

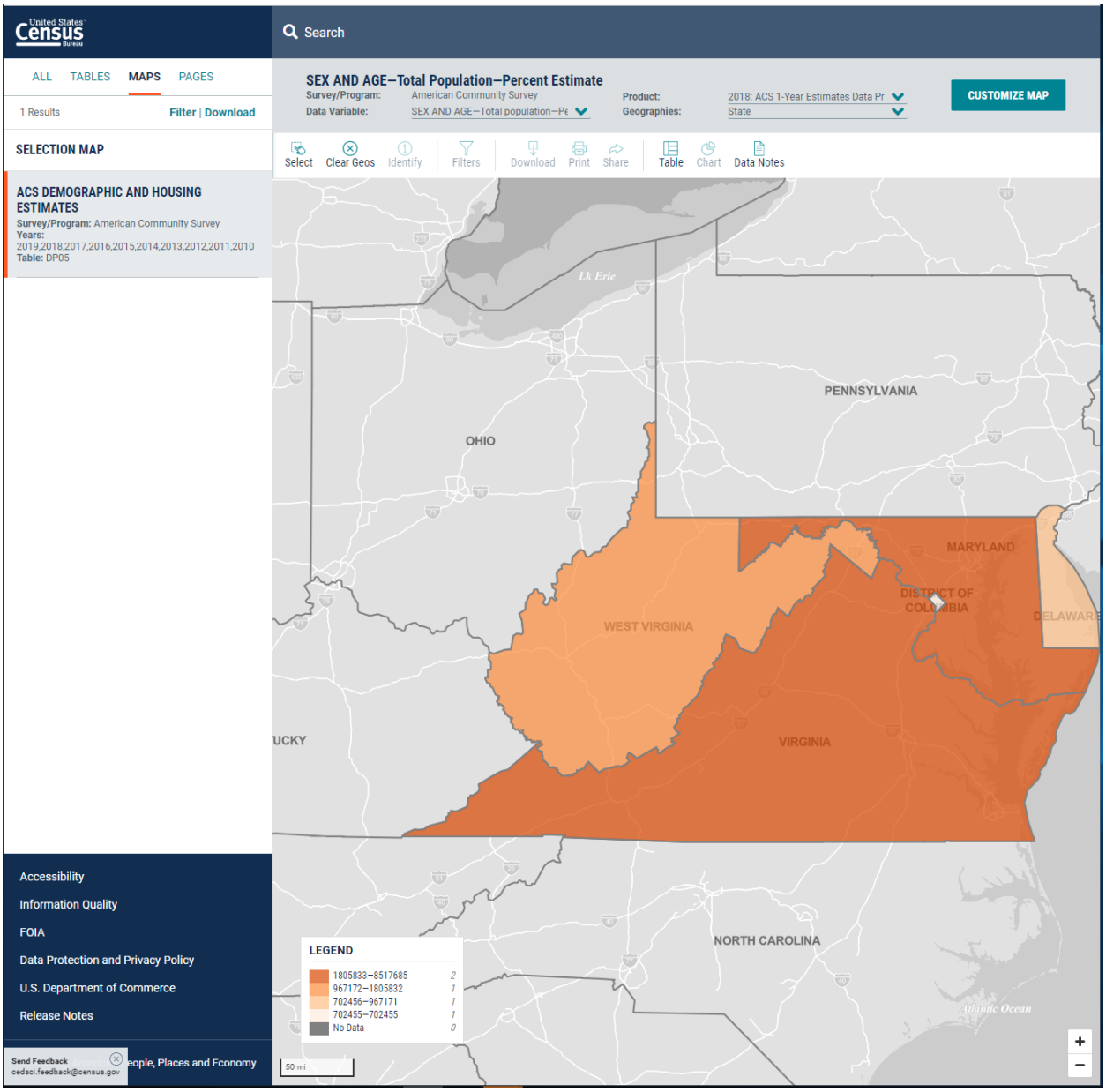


In the above example, the following customizations have been made via map customization controls:

1. Customization Controls Displayed - **&mode=customize**
2. Delaware, Virginia, and West Virginia selected via the map - **g=0400000US24,51,54,10,11**
3. Number of data/classes ranges adjusted to 4 - **&break=4**
4. Palette color set to Orange - **&palette=Oranges**

https://data.census.gov/cedsci/map?**g=0400000US24,51,54,10,11**&t=Population%20Total&hidePreview=false&table=DP05&tid=ACSDP1Y2018.DP05&vintage=2018&layer=state&cid=DP05_0001PE&lastDisplayedRow=15**&mode=customize&break=4&palette=Oranges**

Navigating to this new URL opens the map preview, which now includes the changes made during customization



3.3 Use Case – Linking Directly to a Table

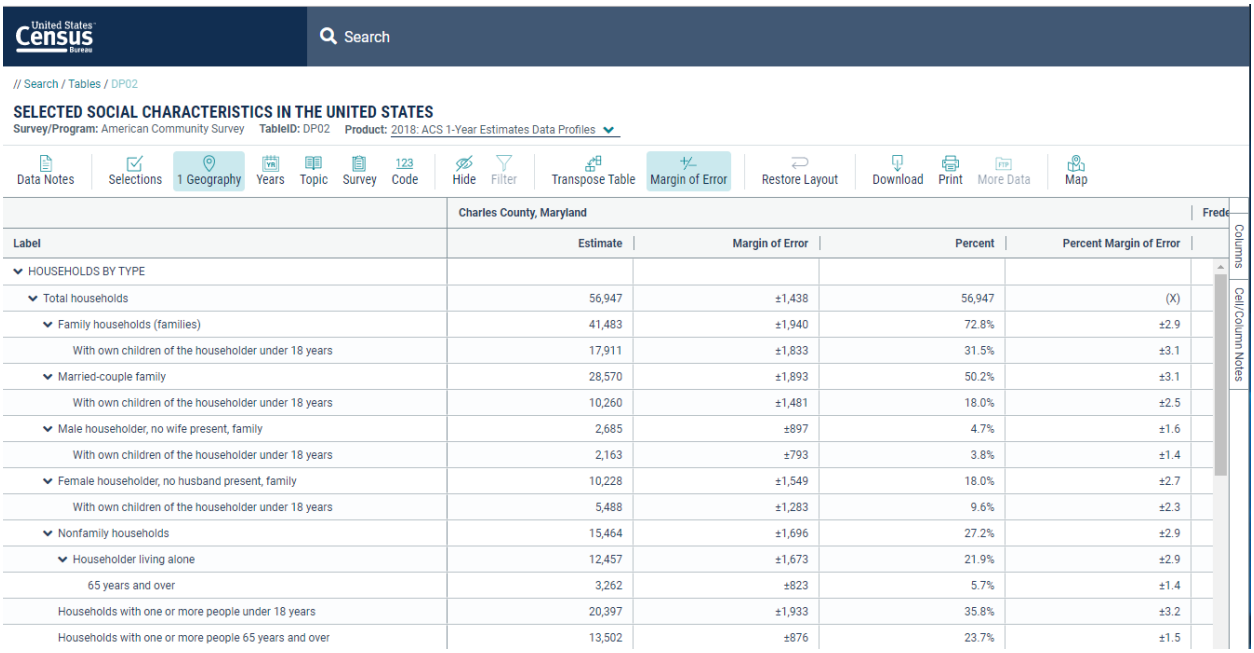
3.3.1 Building a Direct Table Link

Direct links to tables may be created using the URL parameters available on data.census.gov. The example below shows a direct link to the 2018 version of Table DP02: Selected Social Characteristics in the United States for all counties in Maryland:

https://data.census.gov/cedsci/table?g=0400000US24.050000&tid=ACSDP1Y2018.DP02&hidePreview=true

The parameters utilized are:

1. g=0400000US24.050000 – Indicates that the table should be filtered to show data for all counties (050000) in Maryland (0400000US24)
2. &tid=ACSDP1Y2018.DP02 – Indicates that the table to be shown is DP02 for the 2018 ACS 1-Year Estimates

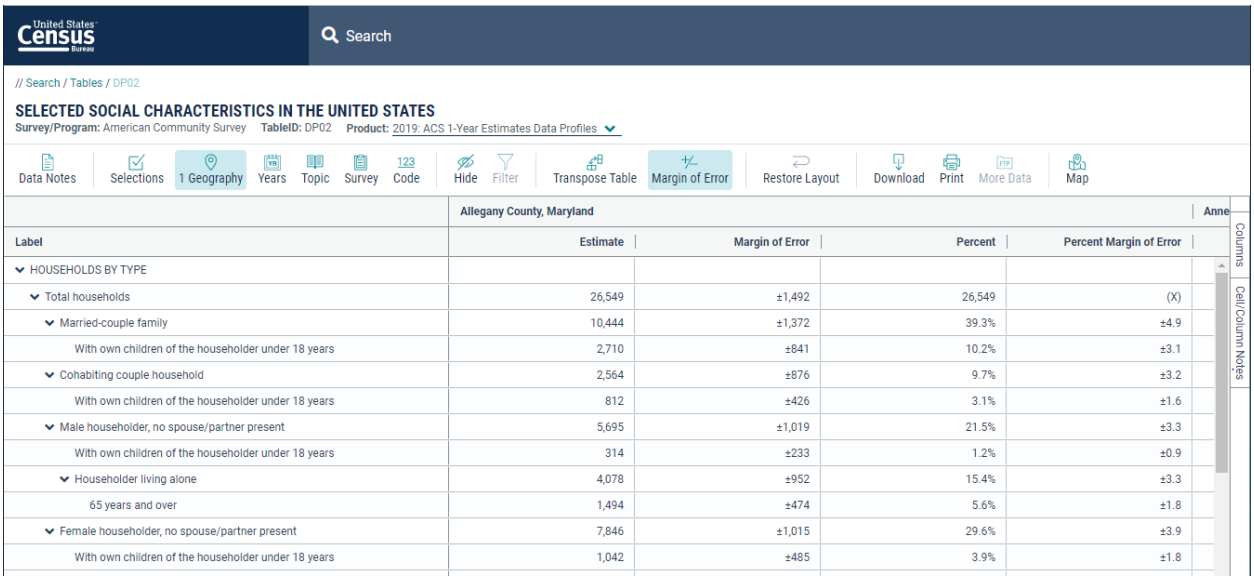


Label	Estimate	Margin of Error	Percent	Percent Margin of Error
HOUSEHOLDS BY TYPE				
Total households	56,947	±1,438	56,947	(X)
Family households (families)	41,483	±1,940	72.8%	±2.9
With own children of the householder under 18 years	17,911	±1,833	31.5%	±3.1
Married-couple family	28,570	±1,893	50.2%	±3.1
With own children of the householder under 18 years	10,260	±1,481	18.0%	±2.5
Male householder, no wife present, family	2,685	±897	4.7%	±1.6
With own children of the householder under 18 years	2,163	±793	3.8%	±1.4
Female householder, no husband present, family	10,228	±1,549	18.0%	±2.7
With own children of the householder under 18 years	5,488	±1,283	9.6%	±2.3
Nonfamily households	15,464	±1,696	27.2%	±2.9
Householder living alone	12,457	±1,673	21.9%	±2.9
65 years and over	3,262	±823	5.7%	±1.4
Households with one or more people under 18 years	20,397	±1,933	35.8%	±3.2
Households with one or more people 65 years and over	13,502	±876	23.7%	±1.5

3.3.2 Updating a Direct Table Link

Using URL parameters, saved table links can be easily updated. In the above example a direct link to table the 2018 version DP02 for all counties in Maryland was created. By making a change to the tid= parameter, this link can be updated to show the 2019 version of the table:

https://data.census.gov/cedsci/table?g=0400000US24.050000&tid=ACSDP1Y**2019**.DP02&hidePreview=true



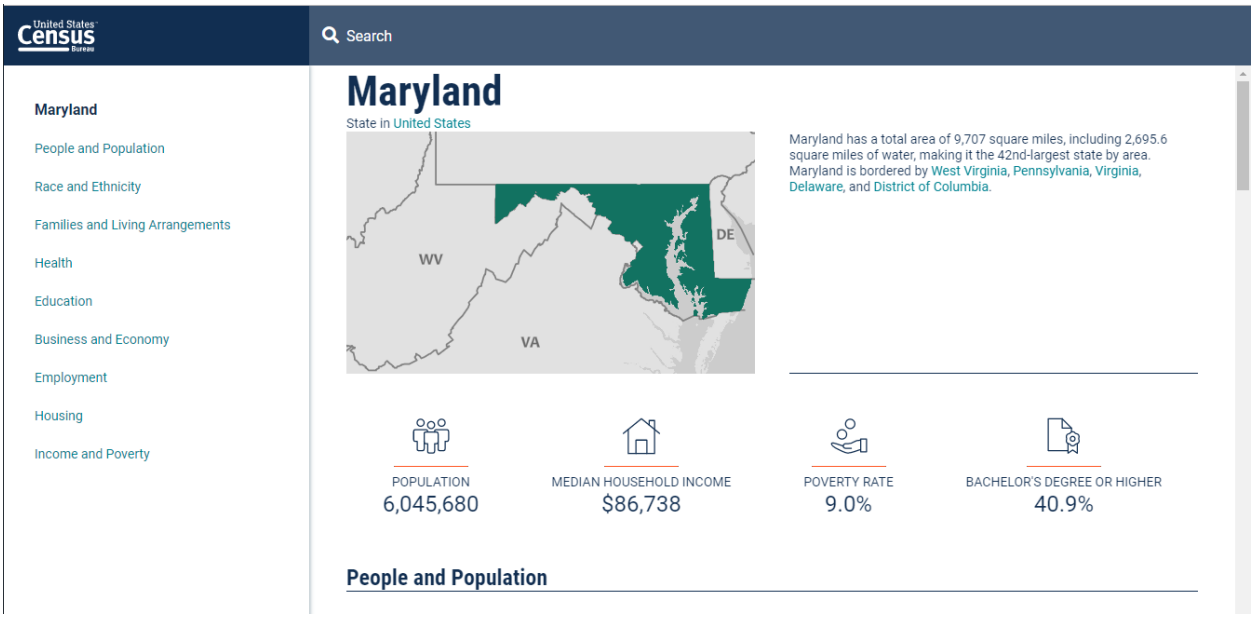
Label	Estimate	Margin of Error	Percent	Percent Margin of Error
HOUSEHOLDS BY TYPE				
Total households	26,549	±1,492	26,549	(X)
Married-couple family	10,444	±1,372	39.3%	±4.9
With own children of the householder under 18 years	2,710	±841	10.2%	±3.1
Cohabiting couple household	2,564	±876	9.7%	±3.2
With own children of the householder under 18 years	812	±426	3.1%	±1.6
Male householder, no spouse/partner present	5,695	±1,019	21.5%	±3.3
With own children of the householder under 18 years	314	±233	1.2%	±0.9
Householder living alone	4,078	±952	15.4%	±3.3
65 years and over	1,494	±474	5.6%	±1.8
Female householder, no spouse/partner present	7,846	±1,015	29.6%	±3.9
With own children of the householder under 18 years	1,042	±485	3.9%	±1.8

3.4 Use Case – Profile Page Deep Linking

3.4.1 Creating Profile Page Deep Links

In addition to tables, maps, and all search results, users may also deep link to profile pages. Currently, profile pages are only available for geographies. The below link shows a direct link to the Maryland Profile Page

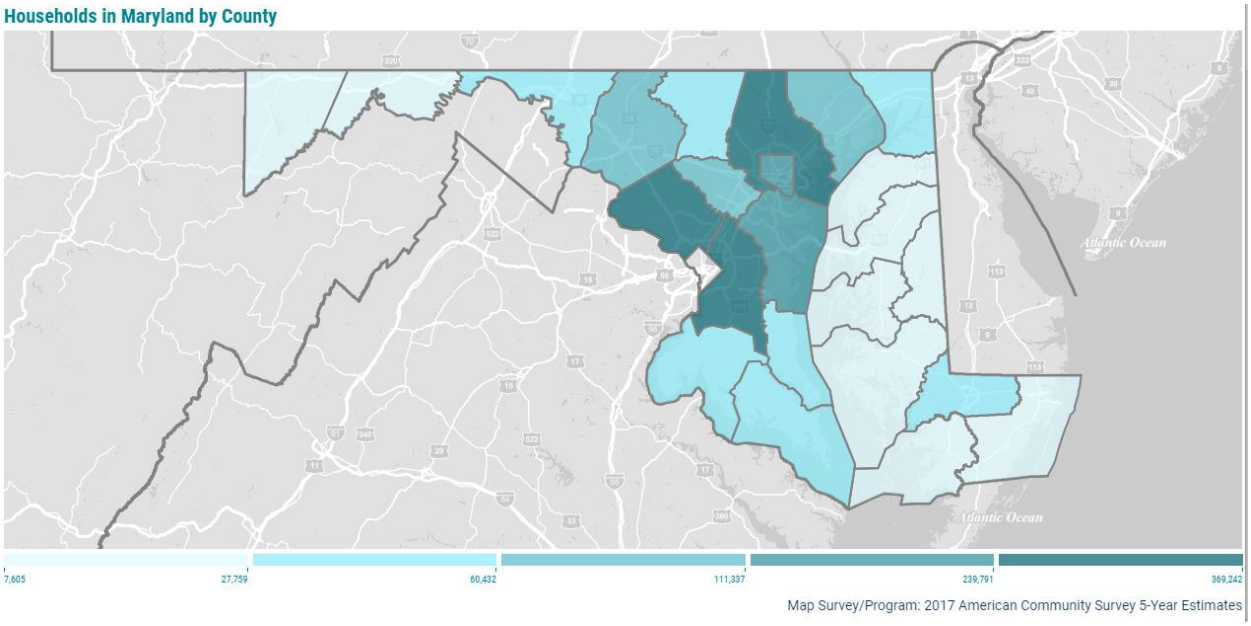
https://data.census.gov/cedsci/profile?g=0400000US24



3.4.2 Creating Deep Links to Sections on a Profile Page

Deep link URLs may also be used to directly access a given section of a profile page. These links are generated using the **Share/Export** button for that section. The below link was created using the Share/Export button for the Family and Living Arrangements section of the Maryland Profile Page

https://data.census.gov/cedsci/profilemapwidget?defaultVintage=2017&geoID=0400000US24&geoLv=040&metricFormat=number&metricTopic=Households&heightUS=525px



4 Examples of Linking to Search Results in Basic Search

The following sections provide examples for how deep links to various search results are constructed. Note that over time search results for a given set of search terms may change, as the search algorithm continues to be refined.

- Display Search Results for "Maryland Population"

https://data.census.gov/cedsci/all?q=Maryland%20Population

- Display Search Results for Maryland and for NAICS code 3111, 3115

https://data.census.gov/cedsci/all?g=0400000US24&n=3111%3A3115

- Display Search Results for United States and for 6-digit NAICS Codes

https://data.census.gov/cedsci/all?n=N0600.00

- Display search results for Population in all counties of Maryland

https://data.census.gov/cedsci/all?q=population&g=0400000US24.050000

5 Examples of Linking to Table results from Basic Search

The following sections provide examples of deep links to specific tables using the URL parameters discussed in this document, including table specific parameters.

- Display Full View of Table DP05 for Maryland Demographic and Housing Estimates

https://data.census.gov/cedsci/table?q=marylandpopulation&hidePreview=true&table=DP05&tid=ACSDP1Y2019.DP05&g=0400000US24

- Display Full View of Table NS1700NONEMP for Maryland and for NAICS Code 3111, 3115

https://data.census.gov/cedsci/table?table=NS1700NONEMP&tid=NONEMP2017.NS1700NONEMP&g=0400000US24&n=3111%3A3115&hidePreview=true

- Display List of Tables and Preview of First Table Related to 6-digit NAICS Codes in the United States

https://data.census.gov/cedsci/table?n=N0600.00

- Display List of Tables and Preview of First Table Related to Population of All Counties of Maryland

https://data.census.gov/cedsci/table?g=0400000US24.050000

6 Examples of Linking to Map results from Basic Search

The following sections provide examples of deep links to specific maps using the URL parameters discussed in this document, including map specific parameters.

- Display Map of Housing Occupancy in Maryland using 2018 ACS 1-Year Estimates

https://data.census.gov/cedsci/map?q=Housing%20in%20Maryland&tid=ACSDP1Y2018.DP04&hidePreview=false&vintage=2018&layer=VT_2018_040_00_PP_D1&cid=DP04_0001E&palette=Teal&break=5&classification=Natural%20Breaks&mode=thematic

- Display Map of Population of All Counties of Maryland using 2019 ACS 1-Year Data

https://data.census.gov/cedsci/map?q=Population&g=0400000US24.050000&tid=ACSDP1Y2019.DP05&hidePreview=false&vintage=2019&layer=VT_2019_050_00_PY_D1&cid=DP05_0001E&palette=Teal&break=5&classification=Natural%20Breaks&mode=customize

- Display List of Maps and Preview of First Map Related to Foreign Born Population in Washington State

https://data.census.gov/cedsci/map?q=foreign%20born%20population%20WA&g=0400000US53&tid=ACSDP1Y2019.DP02&vintage=2018&layer=VT_2018_040_00_PP_D1&mode=selection

- Display List of Maps and Preview of Selection Map Related to Population of All Counties of Maryland

https://data.census.gov/cedsci/map?g=0400000US24,24.050000

7 Examples of Linking to a Geography Profile

The following section provides example of linking to Geographic Profile pages using URL parameters discussed in this guide.

- Display Maryland Profile

https://data.census.gov/cedsci/profile?q=Maryland&g=0400000US24

- Display Fairfax County, VA Profile

https://data.census.gov/cedsci/profile?g=0500000US51059

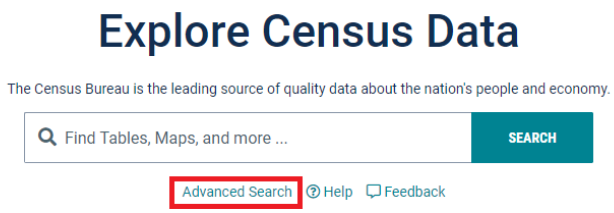
Building Deep Links with Advanced Search

This section covers the construction of deep links for search queries utilizing the Advanced Search functionality of data.census.gov.

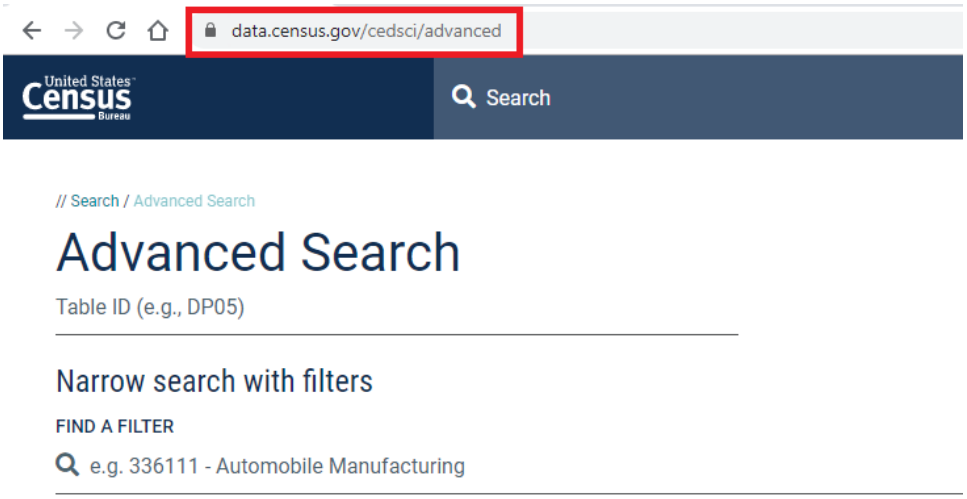
APPENDIX A

The following examples show how a deep link URL may be built using Advanced Search.

1. From the Landing Page select **Advanced Search**.

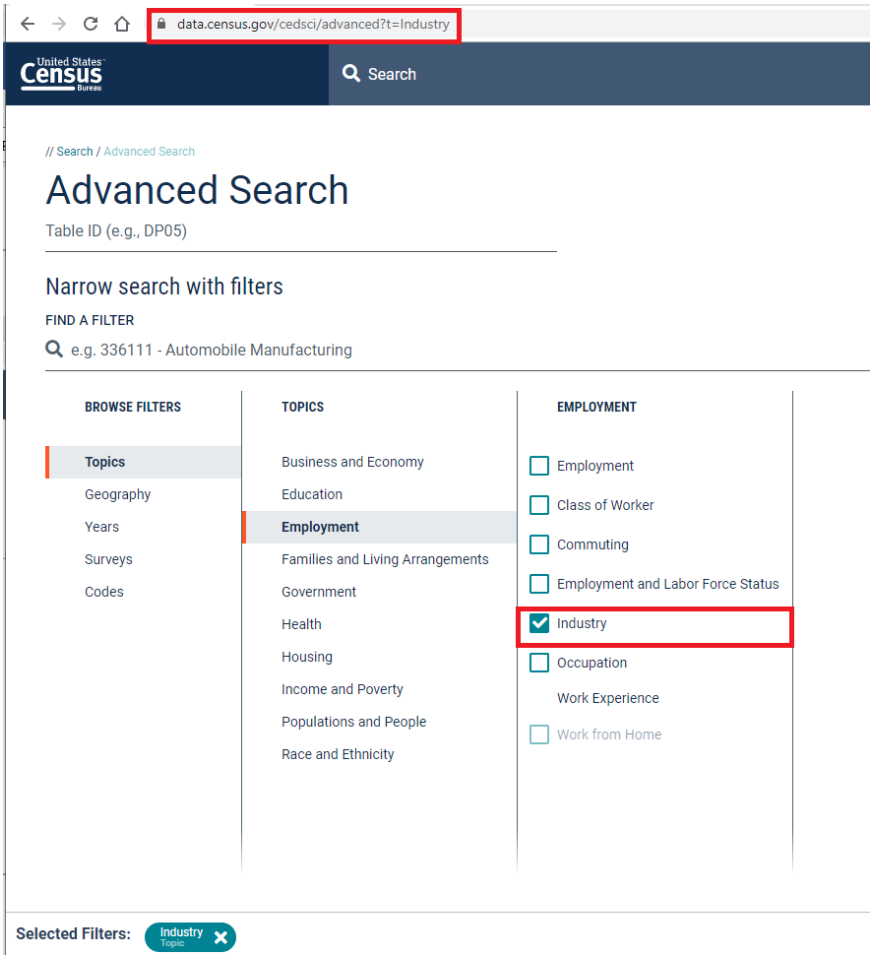


The URL reads https://data.census.gov/cedsci/advanced.



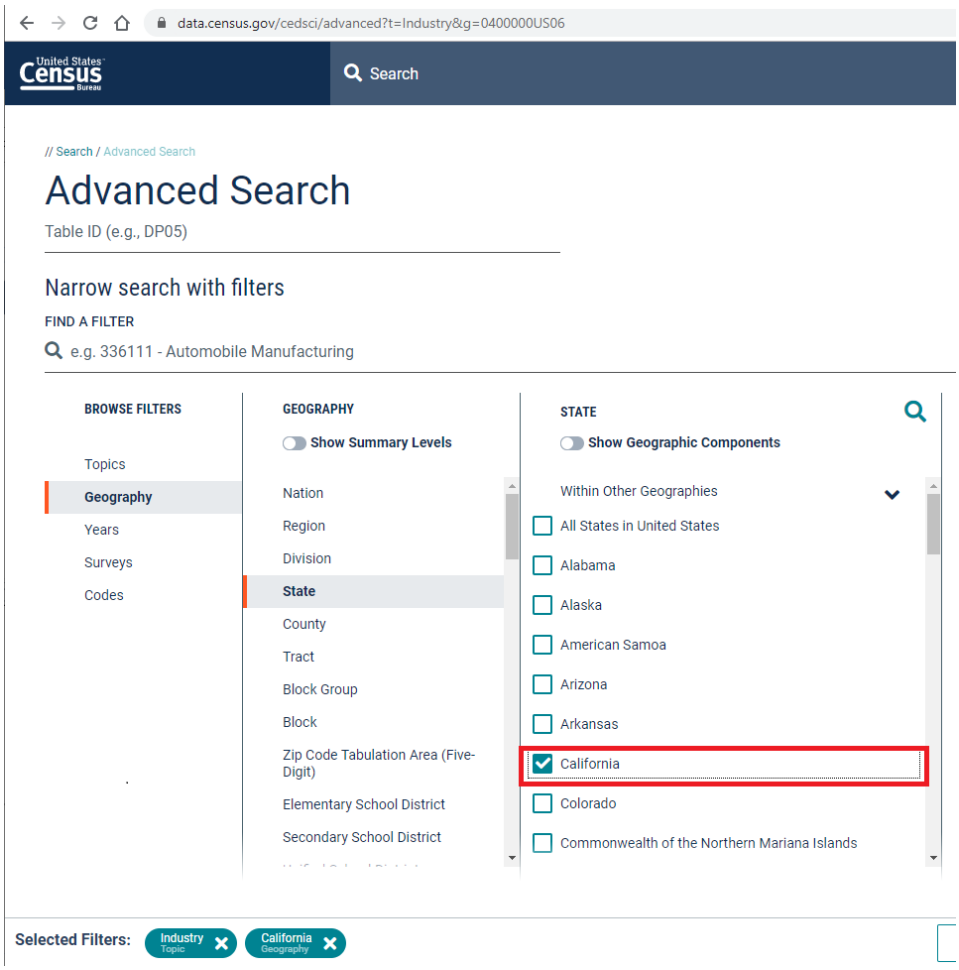
2. In the **BROWSE FILTERS** panel, select **Topics > Employment**

3. In the **EMPLOYMENT** panel, select **Industry**. The URL reads https://data.census.gov/cedsci/advanced?t=Industry

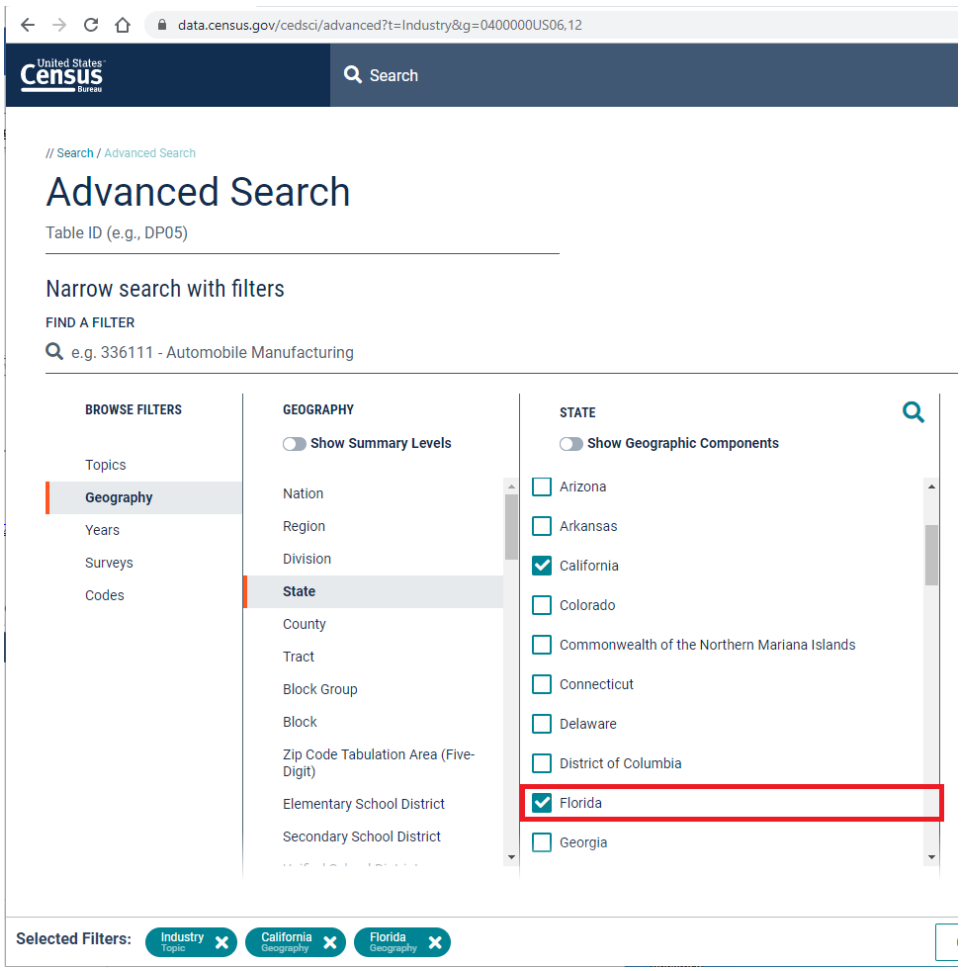


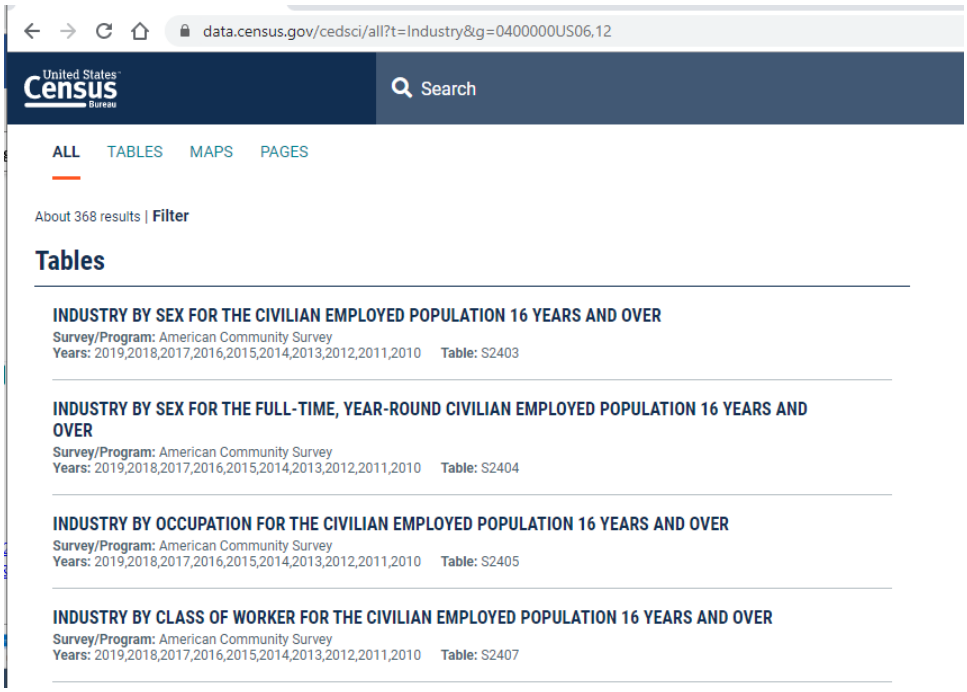
4. In the **BROWSE FILTERS** panel, select **Geography > State**.
5. In the **STATE** panel, select **California**. The URL reads

https://data.census.gov/cedsci/advanced?t=Industry&g=0400000US06



6. In the **STATE** panel select **Florida**. The URL reads https://data.census.gov/cedsci/advanced?t=Industry&g=0400000US06,12



7. Click the **Search** button.

8. The search results appear in page **All** and the URL reads https://data.census.gov/cedsci/all?t=Industry&g=0400000US06,12