DATA.CENSUS.GOV
DEEP LINKING GUIDE

Census Enterprise Dissemination Services and Consumer Innovation (CEDSCI)

Version 1.0

1/29/2020
## Document Revision History

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<thead>
<tr>
<th>Version</th>
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<th>Section</th>
<th>Author</th>
</tr>
</thead>
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</tr>
</tbody>
</table>
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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

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).

The below table 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 geographic summary level 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Meaning</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>/all?</td>
<td>Default parameter for search results. When inserted, all result types</td>
<td><a href="https://data.census.gov/cedsci/all">https://data.census.gov/cedsci/all</a>?</td>
</tr>
<tr>
<td></td>
<td>(maps, tables, and)</td>
<td></td>
</tr>
<tr>
<td>/map?</td>
<td>When inserted following the base URL, displays map results</td>
<td><a href="https://data.census.gov/cedsci/map">https://data.census.gov/cedsci/map</a>?</td>
</tr>
<tr>
<td>/table?</td>
<td>When inserted following the base URL, displays table results</td>
<td><a href="https://data.ditd.census.gov/cedsci/table">https://data.ditd.census.gov/cedsci/table</a>?</td>
</tr>
<tr>
<td>q=</td>
<td>Text typed in single search</td>
<td>q=income (see section 2.3 for information on how to handle spaces in text searches)</td>
</tr>
<tr>
<td>t=</td>
<td>Topics from the filter panel</td>
<td>t=poverty</td>
</tr>
<tr>
<td>g=</td>
<td>GEOIDs from your geographies</td>
<td>g=0400000US24 (see section 2.1.1 for detailed explanation)</td>
</tr>
<tr>
<td>y=</td>
<td>Year</td>
<td>y=2017</td>
</tr>
<tr>
<td>d=</td>
<td>Dataset</td>
<td>d=DEC%20Summary%20File%201</td>
</tr>
<tr>
<td>n=</td>
<td>NAICS Industry Code(s)</td>
<td>n=5312</td>
</tr>
<tr>
<td>p=</td>
<td>Product/Service Code(s)</td>
<td>p=10113</td>
</tr>
<tr>
<td>table=</td>
<td>The table ID in view</td>
<td>table=S1701</td>
</tr>
<tr>
<td>tid=</td>
<td>The year, dataset, and table ID in view</td>
<td>tid=ACSST1Y2017.S1701</td>
</tr>
<tr>
<td>comm</td>
<td>Commodity code</td>
<td>&amp;comm=022</td>
</tr>
</tbody>
</table>

### 2.1.1 Geo IDs Explained

Geographic identifiers (Geo IDs) 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 Geo IDs can be found on the Census.gov website on the [Understanding Geographic Identifiers (GEOIDs)](https://www.census.gov/geo/id/time-tables.html) page.

For further information on Census Geographies, see the [Guidance for Geography Users](https://www.census.gov/geo/guidance.html).
2.1.2 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**

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

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 (US02) and Florida (US12) within State (040) AND selecting Baltimore County MD (24005) under Maryland within County
- `g=0400000US02,12_0500000US24005,26003` - Selecting Alaska (US02) and Florida (US12) within State (040) AND selecting Baltimore County MD (24005) and Alger County, MI (26003) within County

The Geographic ID for a specific location can be obtained using the **Advanced Search** function of data.census.gov. On the advance 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**
2.2 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Meaning</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>layer=</td>
<td>Layer (Summary Level) name on the base map. This corresponds to the entries displayed in the Geographies dropdown in the map view.</td>
<td>layer=county layer=place</td>
</tr>
<tr>
<td>cid=</td>
<td>Cell ID for selected data variable. This corresponds to the entries in the Data Variable dropdown.</td>
<td>cid=S1501_C01_003E cid=S1501_C01_001E</td>
</tr>
</tbody>
</table>
### 2.2.2 Table Specific Parameters

Table 3 – Table Specific Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Meaning</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>palette=</td>
<td>Selected theme colors</td>
<td>palette=Spectral</td>
</tr>
<tr>
<td></td>
<td>Available color palettes can be</td>
<td>palette=YlOrBr</td>
</tr>
<tr>
<td></td>
<td>viewed by selecting <strong>Customize Map</strong> and then selecting the <strong>Color Palette</strong> Dropdown</td>
<td></td>
</tr>
<tr>
<td>break=</td>
<td>Selected number of ranges to divide thematic data</td>
<td>break=5</td>
</tr>
<tr>
<td></td>
<td>Available breaks range from 1 to 9</td>
<td>break=6</td>
</tr>
<tr>
<td>classification=</td>
<td>Selected classification used to determine breaks</td>
<td>classification=Natural%20Breaks</td>
</tr>
<tr>
<td></td>
<td>Available classifications:</td>
<td>classification=Quantile</td>
</tr>
<tr>
<td></td>
<td>• Natural Breaks</td>
<td>classification=Equal%20Interval</td>
</tr>
<tr>
<td></td>
<td>• Quantile</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Equal Interval</td>
<td></td>
</tr>
<tr>
<td>mode=</td>
<td>Whether to display extended map customization options</td>
<td>mode=customize</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> if mode= does not have a value, the customization panel will</td>
<td></td>
</tr>
<tr>
<td></td>
<td>not display and instead the table results list will display next to</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the map</td>
<td></td>
</tr>
<tr>
<td>vintage=</td>
<td>Selected vintage of geography extent(s) and vector tiles.</td>
<td>vintage=2018</td>
</tr>
<tr>
<td></td>
<td>Vintage is controlled by the year of the product selected. For example</td>
<td>vintage=2014</td>
</tr>
<tr>
<td></td>
<td>selecting 2014 ACS 5-Year estimates will select 2014 vintage geography</td>
<td></td>
</tr>
<tr>
<td></td>
<td>extents and vector tiles.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**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**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Meaning</th>
<th>Example</th>
</tr>
</thead>
</table>
| /profile? | When inserted in conjunction with a geographic entity, this creates a URL for a profile page. | profile?g=0400000US51  
profile?g=0400000US53 |

**Note**: Currently, profile pages are 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**

<table>
<thead>
<tr>
<th>Special Character</th>
<th>Description</th>
<th>URL Encoded Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space</td>
<td>Space</td>
<td>%20</td>
</tr>
<tr>
<td>!</td>
<td>exclamation  point</td>
<td>%21</td>
</tr>
<tr>
<td>#</td>
<td>Hash</td>
<td>%23</td>
</tr>
<tr>
<td>$</td>
<td>dollar sign</td>
<td>%24</td>
</tr>
<tr>
<td>%</td>
<td>percent sign</td>
<td>%25</td>
</tr>
<tr>
<td>+</td>
<td>plus sign</td>
<td>%2B</td>
</tr>
<tr>
<td>/</td>
<td>Slash</td>
<td>%2F</td>
</tr>
</tbody>
</table>
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**

<table>
<thead>
<tr>
<th>Special Character</th>
<th>Description</th>
<th>Function in data.census.gov URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;</td>
<td>double quotes</td>
<td>Used to enclose a text string so that string is treated as a complete term. Example: d:&quot;ACS 1-Year Estimates Detailed Tables&quot;</td>
</tr>
<tr>
<td>-</td>
<td>minus sign</td>
<td>Used in certain product names</td>
</tr>
<tr>
<td>.</td>
<td>Period</td>
<td>Used as part of the domain name and in table IDs. Example: data.census.gov Example: tid=ACSDP1Y2018.DP05</td>
</tr>
<tr>
<td>_</td>
<td>Underscore</td>
<td>Used as part of URL construction</td>
</tr>
</tbody>
</table>
3 Use Cases of Deep Links

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 Populations and People in Maryland 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

Submitting the above URL to DATA.CENSUS.GOV yields the below URL, which includes additional information. This information is added to the URL when the results of this search are returned and provide additional information:

1. hidePreview = False – Indicates that a preview for the first table result will be shown
2. table=S0101 – Indicates the table S0101 is shown in the table preview
3. tid=ACSST1Y2018.S0101 – Indicates 2018 ACS 1-Year data for table S0101 is shown in the preview
4. vintage=2018 – Indicates 2018 data for B01001H is displayed in the preview
5. layer=state – Indicates the state summary level is shown on the map preview
6. cid=S0101_C01_001E – Indicates cell C01_001E of table S0101 is displayed in the map preview
7. lastDisplayedRow=23 – Indicates row 23 is the last row displayed in the preview

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

Clicking CUSTOMIZE TABLE for the previewed S0101 table will load a full view of the table, expanding the number of rows displayed. This is reflected in the URL by &DisplayedRow=41


From this full view, manipulations to the table are further reflected in the URL for example, adding &moe=false will remove the Margin of Error.

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

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]

This URL in turn yields the below URL, which includes the following information:

1. &hidePreview = False – Indicates a preview for the first table result will be shown
2. &table=DP05 – Indicates the table DP05 is shown in the table preview
3. &tid=ACSST1Y2018.DP05 – Indicates the 2018 ACS 1-Year data for table DP05 is shown in the preview
4. &vintage=2018 – Indicates 2018 data for DP05 is displayed in the preview
5. &layer=state – Indicates the state summary level is shown on the map preview
6. &cid=DP05_0001E – Indicates that cell 0001E of table DP05 is displayed in the map preview
7. &lastDisplayedRow=15 – Indicates that row 15 is the last row displayed in the preview

https://data.census.gov/cedsci/all?g=0400000US24&t=Population%20Total&hidePreview=false&table=DP05&tid=ACSDP1Y2018.DP05&vintage=2018&layer=state&cid=DP05_0001E&lastDisplayedRow=15
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?g=0400000US24&t=Population%20Total&hidePreview=false&table=DP05&tid=ACSDP1Y2018.DP05&vintage=2018&layer=state&cid=DP05_001E&lastDisplayedRow=15

Map manipulations are reflected in the URL, allowing users to easily return to a customized map. In the below example, the data variable has been changed from Total Population – Estimate to Total Population Percent Estimate. This is reflected in the URL as &cid=DP05_0001PE

https://data.census.gov/cedsci/map?g=0400000US24&t=Population%20Total&hidePreview=false&table=DP05&tid=ACSDP1Y2018.DP05&vintage=2018&layer=state&cid=DP05_0001PE&lastDisplayedRow=15
3.2.3 Linking to Customized Map Results

Clicking CUSTOMIZE TABLE allows a user to further customize a map view. These customizations are captured in the URL. In the below 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 ranges adjusted to 4 - &break=4
4. Palette color set to Orange - &palette=orange

3.3 Use Case – Profile Page Deep Linking

3.3.1 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 available for geographies. The below link shows a direct link to the Maryland Profile Page

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

Note that when this URL is loaded, a table ID is added, indicating that the generated profile page is referencing 2018 ACS 1-year data from table S0101.

3.3.2 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:

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.

- Display Search Results for "Maryland Population"
  
  https://data.census.gov/cedsci/all?q=Maryland%20Population&hidePreview=false&table=DP05&tid=ACSDP1Y2017.DP05&g=0400000US24&vintage=2017&layer=state&cid=DP05_0001E&lastDisplayedRow=15

  The page shows preview of table DP05 and corresponding map from the 2010-2017 American Community Survey 1-Year Estimates for Maryland demography and housing.

- Display Search Results for Maryland and for NAICS code 3111, 3115
  
  https://data.census.gov/cedsci/all?q=NS1700NONEMP&hidePreview=false&table=NS1700NONEMP&tid=NONEMP2017.NS1700NONEMP&g=0400000US24&n=3111%3A3115&lastDisplayedRow=6

  The page shows preview of table NS1700NONEMP and corresponding map from the 2017 Economic Annual Surveys for Number of nonemployer establishments in Maryland in Animal food manufacturing (NAICS code 3111) and Dairy product manufacturing (NAICS code 3115)

- Display Search Results for United States and for 6-digit NAICS Codes
  
  https://data.census.gov/cedsci/all?q=N0600.00&table=NS1700NONEMP&tid=NONEMP2017.NS1700NONEMP&hidePreview=false&lastDisplayedRow=17&vintage=2017&layer=state&cid=NESTAB

  The page shows preview of table NS1700NONEMP from the 2017 Economic Annual Surveys for Nonemployer Statistics in the United States with selected 6-digit NAICS codes.

- Display search results for Population in all counties of Maryland
  

  The page shows preview of table S0101 from the 2010-2017 American Community Survey Estimates for demography of all counties of Maryland.
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 Demography and Housing
  
  https://data.census.gov/cedsci/table?q=marylandpopulation&hidePreview=true&table=DP05&tid=ACSDP1Y2017.DP05&g=0400000US24&vintage=2017&layer=state&cid=DP05_0001E&lastDisplayedRow=15

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

- 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?q=N0600.00&table=NS1700NONEMP&tid=NONEMP2017.NS1700NONEMP&hidePreview=false&lastDisplayedRow=17&vintage=2017&layer=state&cid=NESTAB

- Display List of Tables and Preview of First Table Related to Population of All Counties of Maryland
  
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 Number of Nonemployer Establishments for Maryland and for NAICS Code 3111, 3115


- Display Map of Population of All Counties of Maryland


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

https://data.census.gov/cedsci/map?n=N0600.00&table=NS1700NONEMP&tid=NONEMP2017.NS1700NONEMP&hidePreview=false&lastDisplayedRow=17&vintage=2017&layer=state&cid=NESTAB

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

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 Colorado Profile
  https://data.census.gov/cedsci/profile?q=Colorado&g=0400000US08
APPENDIX A  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.

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**.

![BROWSE FILTERS panel](image)

<table>
<thead>
<tr>
<th>BROWSE FILTERS</th>
<th>TOPICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topics</td>
<td>Business and Economy</td>
</tr>
<tr>
<td></td>
<td>Education</td>
</tr>
<tr>
<td></td>
<td>Employment</td>
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<tr>
<td></td>
<td>Health</td>
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<tr>
<td></td>
<td>Housing</td>
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<td></td>
<td>Income and Poverty</td>
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<tr>
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<td>Populations and People</td>
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<tr>
<td></td>
<td>Race and Ethnicity</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EMPLOYMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Employment</td>
</tr>
<tr>
<td>[ ] Class of Worker</td>
</tr>
<tr>
<td>[ ] Commuting</td>
</tr>
<tr>
<td>[ ] Employment and Labor Force Status</td>
</tr>
<tr>
<td>[ ] Industry</td>
</tr>
<tr>
<td>[ ] Occupation</td>
</tr>
<tr>
<td>[ ] Work Experience</td>
</tr>
<tr>
<td>[ ] Work from Home</td>
</tr>
</tbody>
</table>

**Narrow search with filters**

**FIND A FILTER**

e.g. 336111 - Automobile Manufacturing
3. In the **EMPLOYMENT** panel, select **Industry**. The URL reads

4. In the EMPLOYMENT panel, select Occupation. The URL reads

The selected topics are represented by parameter: t.
t=Industry%3AOccupation, which is the encoded form of t=Industry:Occupation
The colon is used as delimiter for topics.

Reminder: For readability, example URLs shown in this document show unencoded characters (e.g., ":" rather than "%3A").
5. In the **BROWSE FILTERS** panel, select **Geography > State**.
6. In the **STATE** panel, select **California**. The URL reads

In the **STATE** panel select **Florida**. The URL reads

```
```

The selected geographies are represented by parameter: `g` `g=0400000US06,12` where the comma is used as delimiter for FIPS codes.

Geographic identifiers are constructed as follows:

```
0100000US      - United States
0100001US      - United States - Urban
0400000US39    - Ohio
0500000US39023  - Clark County, Ohio
1600000US3974118 - Springfield City, Ohio
5000600US0602  - Congressional District 2 (106th Congress), California
```

When geographies within different geographic summary levels are selected they are divided by an underscore:

```
g=0400000US02,12_0500000US24005 – Selecting Alaska (US02) and Florida (US12) within State (040) AND selecting Baltimore County MD (24005) under Maryland within County
```
g=0400000US02,12_0500000US24005,26003 - Selecting Alaska (US02) and Florida (US12) within State (040) AND selecting Baltimore County MD (24005) and Alger County, MI (26003) within County

8. Click the **Search** button.

9. The search results appear in page **All** and the URL reads


   The above link represents all search result pages; which displays tables, maps and webpages. The tables and maps are from 2010-2018 American Community Survey 1-Year Estimates for two states (California and Florida) and for topic (Occupation).