

CEDSCI Stakeholder Overview (Alpha Testing)

March 23, 2016

Table of Contents

Overview & Update

Alpha Features

Testing Overview

Feedback Process

Logistics

Alpha Demo

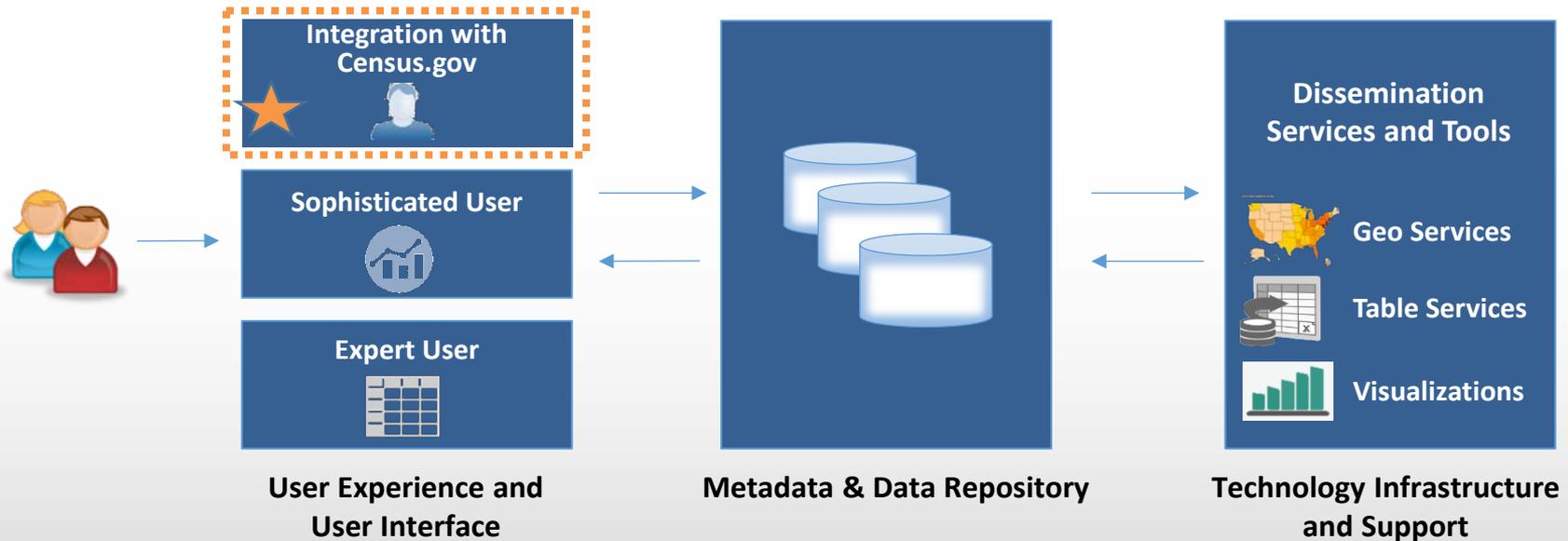
Appendix

Testing Cheat Sheet and Tips

Screenshots of Alpha Features

What is CEDSCI?

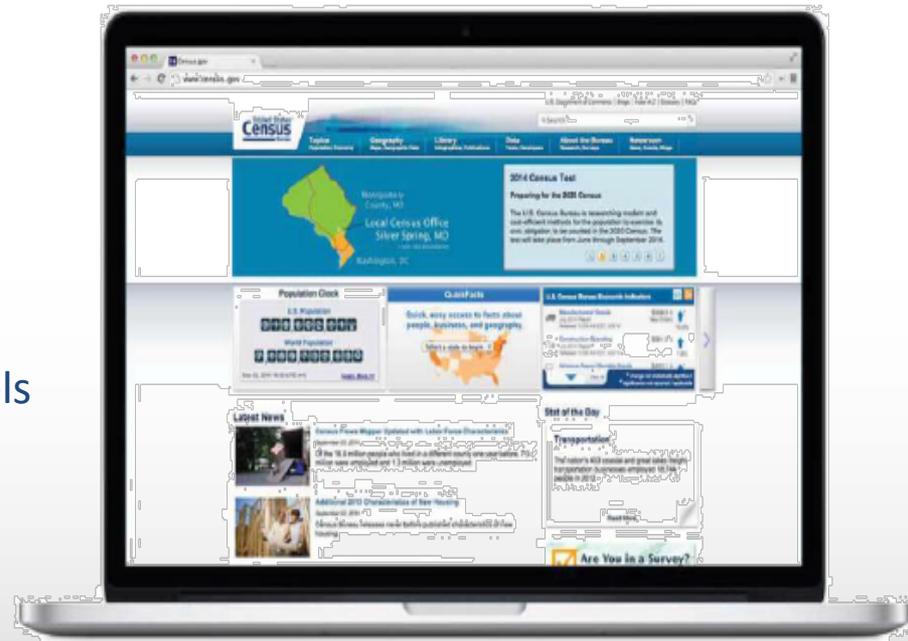
CEDSCI will establish a modernized technology platform that leverages existing innovations to provide a set of shared data dissemination services that enable consumers to do more with the massive amounts of valuable content we publish year round.



 CEDSCI Initial Release

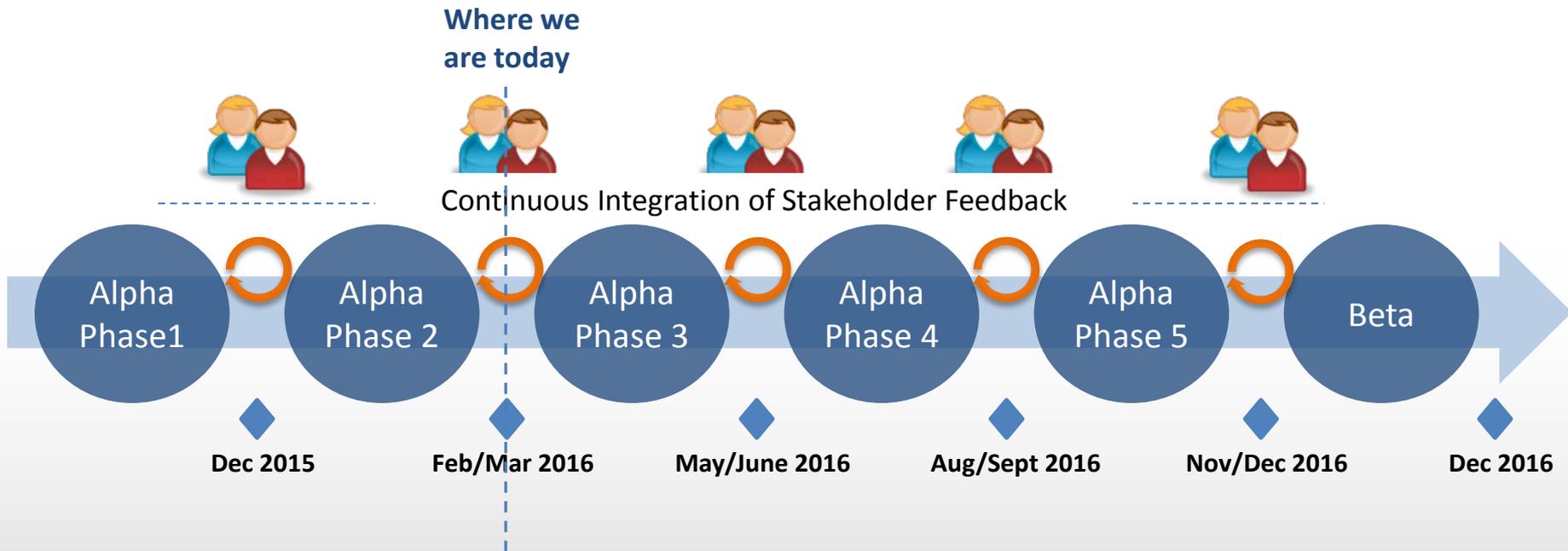
CEDSCI Vision

- Enable data to be easily *discovered*, *accessed*, and *consumed*
- Make data useful for a *diverse set of customer needs* (internal and external)
- Take advantage of *digital opportunities*
- **Consolidate** data dissemination systems, processes, and tools while using existing tools better to drive *efficient and effective enterprise-wide dissemination operations*
- **Centralize and standardize** the data, metadata, and software needed to build dissemination tools



CEDSCI's Iterative Approach

CEDSCI is being developed in an iterative process with stakeholder feedback driving continuous improvements along the way



Alpha Phase 1 Testing Recap

Participants

- Steering committees from SDC and CIC
- Small number of users from the data dissemination specialist

Results

- Received over 50 comments from stakeholders
- Incorporated 13 of the comments into the Alpha Phase 2 release

Enhancement Highlights

Stakeholder Feedback



Ability to view or download tables without having to preview

Create an advanced search path with options like dataset and program since most people have no idea what these mean in terms of what they are looking for

Allow users to select geographies based on FIPS codes – to service experienced users

Ability to filter within the more geographies box by state and county

Improve the display of the table results with more prominent shading and provide users with the option to sort, filter, and page the list of table results

Option to select “All Counties”, “All States”, etc.

Include a keyword search that allows users to type in what they are searching for in addition to the Data Explore facets

Enhancements to allow users to manipulate data within a table: create custom tables, perform percentage calculations, or view more than one table at a time

Make Your Selection Box visible when scrolling down the page

Alpha Phase 2 Testing Overview

Alpha Phase 2 Testing Goals

- Share CEDSCI early
- Capture feedback
- Identify improvements

Approach/Participants

- Phase 2 will include expanded functionality and additional datasets
- Expanded user group to include all SDC, CIC, FSCPEs, ACS PRG, and DDS stakeholders

Alpha Phase 2 Testing Timeline

- Kick Off Session – March 23rd
- Stakeholder Testing – now to May 31st (as stakeholders are available)
- Follow Up Session – late-April
- Webinars – as needed

Note: We will continue to communicate with the group as the schedule is finalized.

Table of Contents

Overview & Update

Alpha Features

Testing Overview

Feedback Process

Logistics

Alpha Demo

Appendix

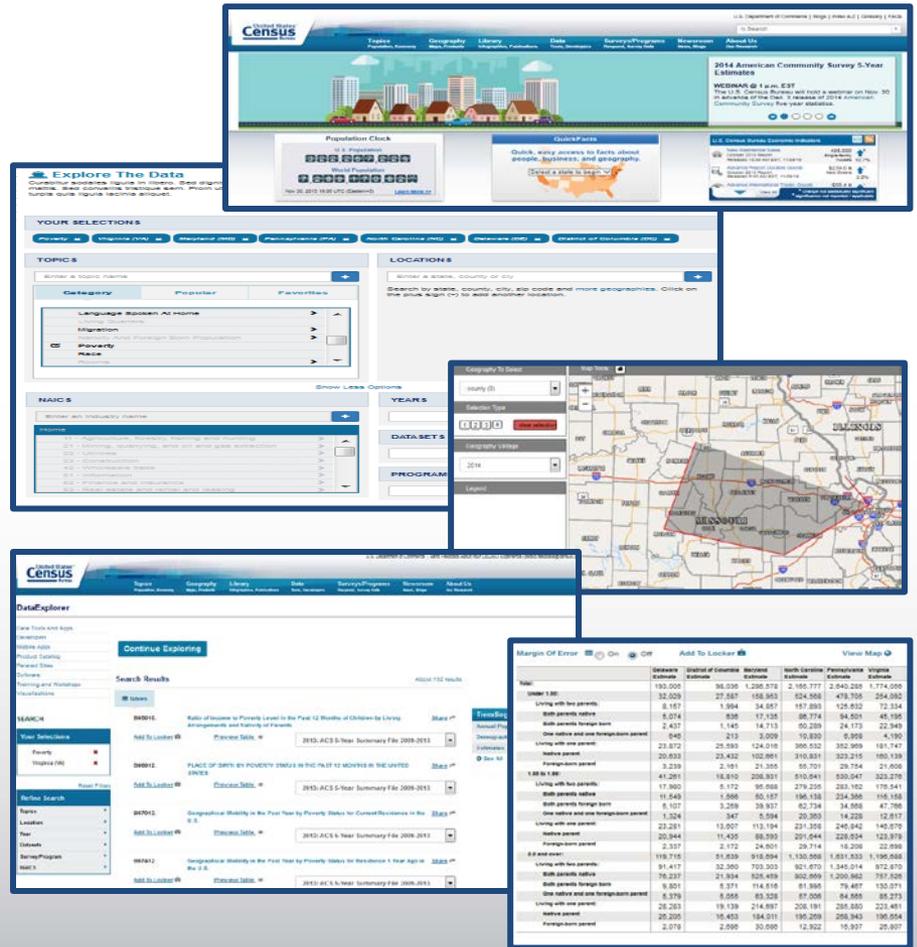
Testing Cheat Sheet and Tips

Screenshots of Alpha Features

Alpha Phase 1 & 2 Feature Recap

Summary of key features:

- **Data Explorer.** Supports the ability to explore data by selecting a topic, location, NACIS, year, program, or dataset
- **Map as a Selection.** Provides the option for users to select a location from a map by a point, polygon, rectangle, or circle, when searching for Census data
- **Faceted Filtering.** Allows users to refine their search results by selecting additional search criteria
- **Table View.** Displays data in table format and provides users with the ability to transpose datasets and download in CSV format
- **Multi-select Geographies.** Allows users to choose from multiple geographies levels when searching for data



Alpha Phase 1 & 2 Data

- ACS (Detailed Tables)
 - 1-Year (2012, 2013, 2014)
 - 3-Year (2012, 2013)
 - 5-Year (2012, 2013, 2014)
- ACS 1 Yr 2012-2014 Profile Tables
- ACS 3 Yr 2012-2013 Profile Tables
- ACS 5 Yr 2012-2014 Profile Tables
- Econ Census – EWKS (2012)
- County Business Patterns – CBP (2012, 2013)
- Non Employer Statistics (2012, 2013)
- SF1 2010 [Need to address additional summary levels]

What's coming next

Features currently targeted for Phase 3:

- Location Groupings (All States, All Counties, etc.)
- Thematic Map
- Sharing
- Additional Table Features
 - Sorting
 - Filtering
 - Download in .xls format
- Datasets
 - Pop Estimates 2014
 - SAHIE 2012-2013
 - SAIPE 2012-2013
 - SBO 2012

Table of Contents

Overview & Update

Alpha Features

Testing Overview

Feedback Process

Logistics

Alpha Demo

Appendix

Testing Cheat Sheet and Tips

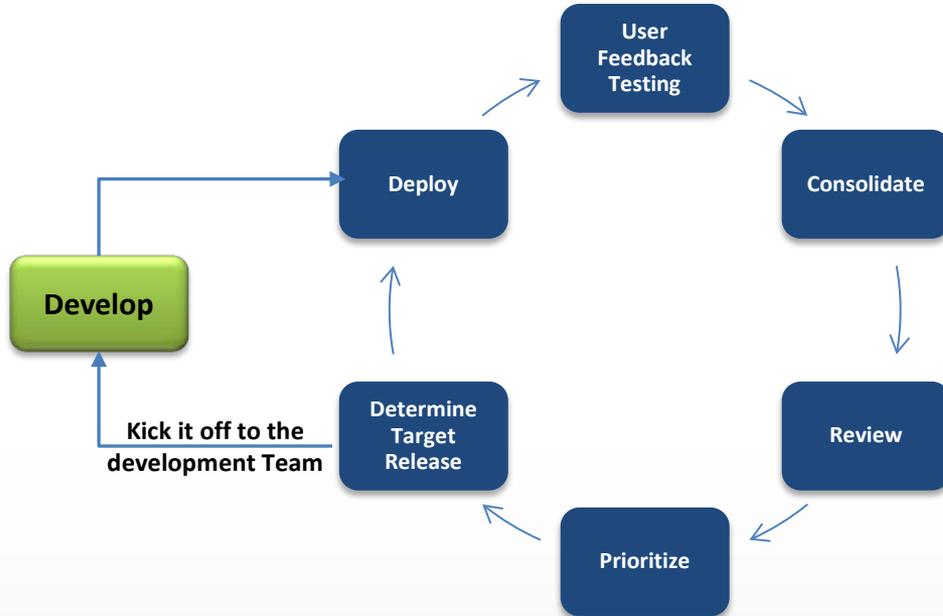
Screenshots of Alpha Features

Feedback

- Your feedback will be used to:
 - Implement changes to current features
 - Guide the development process and prioritize upcoming tasks
- Means by which your feedback will be collected:
 - Conference calls
 - Feedback Button
 - Email
 - Usability
 - Focus Groups



Feedback Process



- Conduct user feedback testing
- Consolidate feedback, received from external and internal user groups, in a central location for review
- Review each item independently to record its severity and the affected components
- Prioritize each item (High, Medium, Low)
- Determine target release, for each feedback, based on the assigned priority
- Develop & deploy changes to address user feedback items

STAKEHOLDER FEEDBACK				Reporter	CEDSCI TEAM			FOR INTERNAL USE		
#	Observed Issue Title	Description	Executed Steps		Defect/Enhancement/ BOI	Target Release	Status	Component	Severity	Priority
1	View Table Without Preview	Ability to view tables without having to preview	The "preview table" is a nice feature for novice users. Experienced users will prefer to view or download the table without having to preview it first. Can a view/download option be added to the "add to locker" "preview table" options		Enhancement	Alpha Phase 2 0.2.2.0	Complete	Table Results	Low	High

Please Do Not Share username and password

Logistics

- Access the test site at:
<https://edi.test.ditd.census.gov/cedsci>
- Login Details:
 - User Name – CedsciAlpha
 - Password - CedsciAlpha
- Feedback/Technical Issues:
 - Click the feedback button on the top right corner of the page
 - Email directly at cedsci.feedback@census.gov

Please Do Not Share username and password

Accessing the Test Environment

Step 1: Type the URL into your internet browser

<https://edi.test.ditd.census.gov/cedsci>



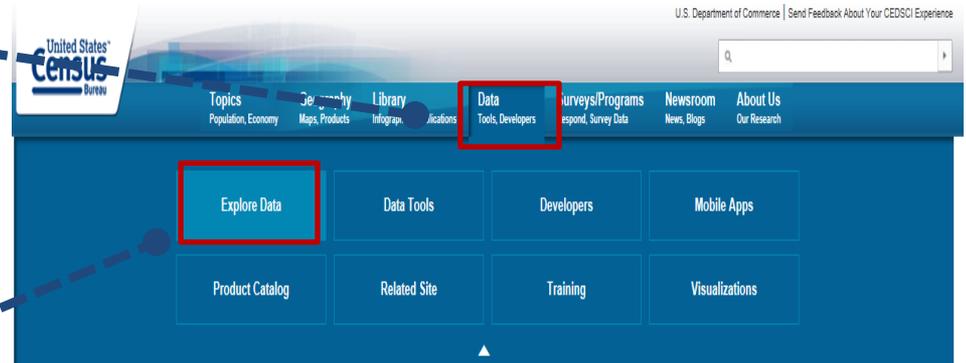
Step 2: Enter the username and password:

- *User Name:* CedsciAlpha
- *Password:* CedsciAlpha

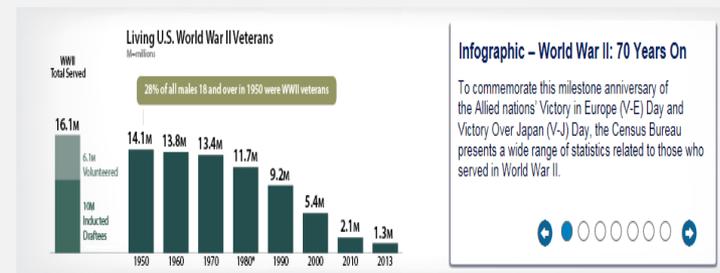


Navigating to Explore Data Page

Step 3: Click on the Data Tab at the top of the page.



Step 4: Click on the Explore Data Box.



Explore The Data

Step 5: Begin using the new tool!!

The screenshot shows the U.S. Census Bureau Data Explorer interface. At the top, there is a navigation bar with the following tabs: Topics, Geography, Library, Data, Surveys/Programs, Newsroom, and About Us. Below the navigation bar, the main content area is titled "Data Explorer" and "Explore The Data". The interface includes a sidebar on the left with links for "Data Tools And Apps", "Developers", "Mobile Apps", "Product Catalog", "Related Sites", "Software", "Training and Workshops", and "Visualizations". The main content area features a "YOUR SELECTIONS" section, a "TOPICS" section with a search input and a list of categories (Demographic Characteristics, Economic Characteristics, Education, Educational Attainment, Families, Fertility, Geographic Characteristics), and a "LOCATIONS" section with a search input and a "Show Map" button. A "Get Data" button is located at the bottom of the interface.

Table of Contents

Overview & Update

Alpha Features

Testing Overview

Feedback Process

Logistics

Alpha Demo

Appendix

Testing Cheat Sheet and Tips

Screenshots of Alpha Features

Alpha Phase 2 Demo

<https://edi.test.ditd.census.gov/cedsci/>

Table of Contents

Overview & Update

Alpha Features

Testing Overview

Feedback Process

Logistics

Alpha Demo

Appendix

Testing Cheat Sheet and Tips

Screenshots of Alpha Features

Cheat Sheet/Tips (1 of 7)

General Tips

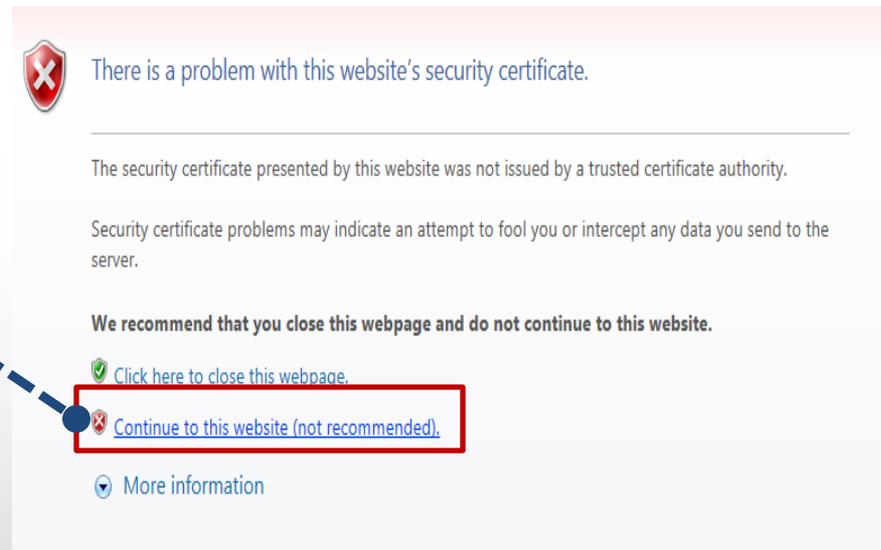
- If you click along the top of the webpage (ex. Topics), with the expectation of the Data Tab, then you will leave the test environment
 - Clicking the back arrow will usually bring you back to the test environment
- If the URL contains <http://www.census.gov>, then you have left the test environment
 - Test environment contains 'EDI.Test.DITID' in the URL
- If you notice the mobile icon on the top right corner of your screen, then increase the size of your screen.
 - The website is being designed for mobile devices; therefore, it will adjust if your screen size is smaller than a typical desktop screen



Cheat Sheet/Tips (2 of 7)

General Tips

- When first accessing the test environment, you may be presented with a security certification notification.
 - The notice may look slightly different depending on your browser (Chrome, Firefox, IE).
 - Click 'continue' or 'proceed' to accept the security certificate and access the test environment.
 - This only needs to be done once and should not appear on your second visit.



Please Do Not Share username and password

Cheat Sheet/Tips (3 of 7)

Accessing the Test Environment

Step 1: Type the URL into your internet browser

<https://edi.test.ditd.census.gov/cedsci>



Step 2: Enter the username and password:

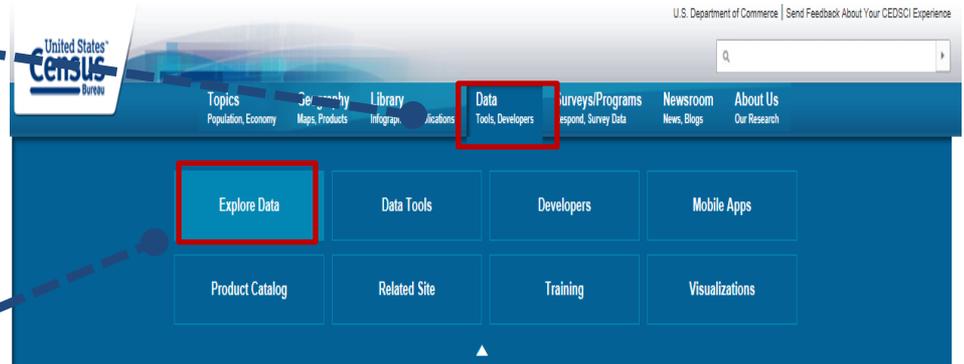
- *User Name:* CedsciAlpha
- *Password:* CedsciAlpha



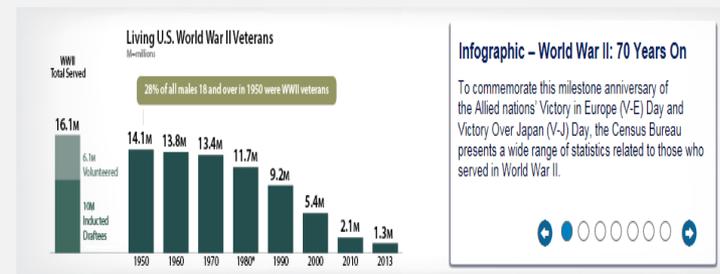
Cheat Sheet/Tips (4 of 7)

Navigating to Explore Data Page

Step 3: Click on the Data Tab at the top of the page.



Step 4: Click on the Explore Data Box.



Cheat Sheet/Tips (5 of 7)

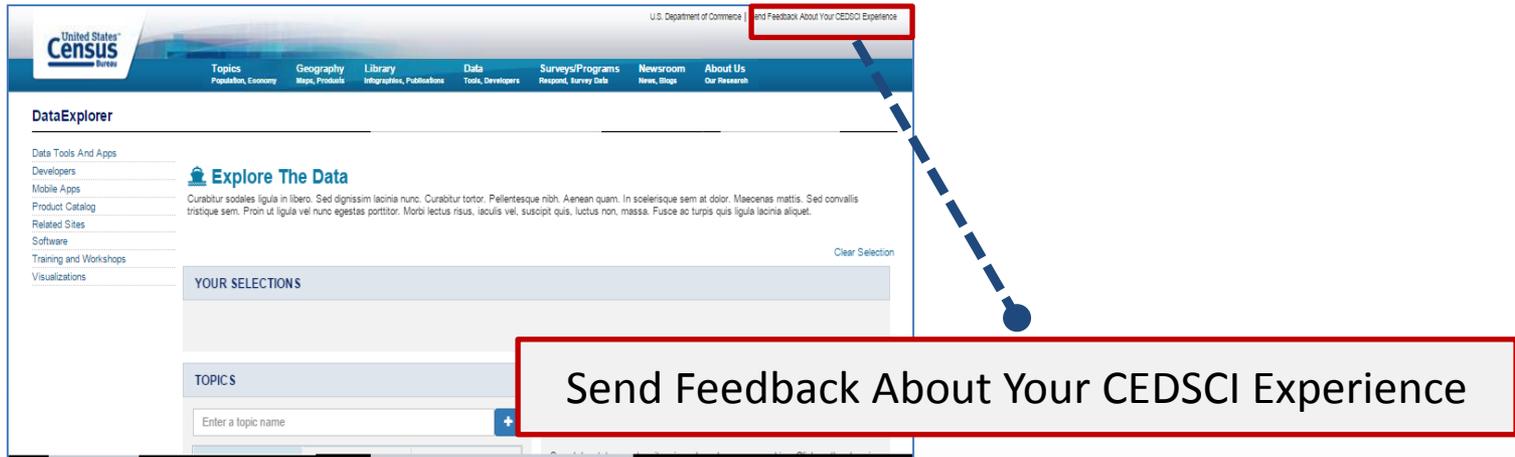
Explore The Data

Step 5: Begin using the new tool!!

The screenshot shows the 'Explore The Data' interface on the U.S. Census Bureau website. The page has a blue header with the 'United States Census Bureau' logo and navigation tabs for Topics, Geography, Library, Data, Surveys/Programs, Newsroom, and About Us. Below the header, the 'Data Explorer' section is visible, with a sidebar on the left containing links for Data Tools And Apps, Developers, Mobile Apps, Product Catalog, Related Sites, Software, Training and Workshops, and Visualizations. The main content area is titled 'Explore The Data' and includes a 'YOUR SELECTIONS' section. Below this, there are two columns: 'TOPICS' and 'LOCATIONS'. The 'TOPICS' column has a search box and a list of categories with counts: Demographic Characteristics (81K), Economic Characteristics (2K), Education (443), Educational Attainment (69), Families (448), Fertility (0), and Geographic Characteristics (180). The 'LOCATIONS' column has a search box and a 'Show Map' button. At the bottom of the interface, there is a 'Get Data' button.

Cheat Sheet/Tips (6 of 7)

Feedback Button



The screenshot shows the Data Explorer interface. At the top right, a red box highlights the text "Send Feedback About Your CEDSCI Experience". A dashed blue arrow points from this box to a blue button with a white plus sign located at the bottom right of the "TOPICS" section. A larger red box at the bottom of the image contains the text "Send Feedback About Your CEDSCI Experience".

To send feedback or report an issue:

- Click on the 'Send Feedback About Your CEDSCI Experience' text that appears on the top right corner of every page
- Email the CEDSCI team directly at cedsci.feedback@census.gov

Cheat Sheet/Tips (7 of 7)

Release Notes

The screenshot shows the DataExplorer website interface. At the top right, the text "Release Notes" is highlighted with a red box. A dashed blue arrow points from this box to a larger red-bordered box at the bottom right of the page, which also contains the text "Release Notes". The interface includes a navigation menu with categories like Topics, Geography, Library, Data, Surveys/Programs, Newsroom, and About Us. Below the menu is a "DataExplorer" section with a sidebar on the left and a main content area with "YOUR SELECTIONS" and input fields for "TOPICS" and "LOCATIONS".

To view release notes:

- Click on the 'Release Notes' text that appears on the top right corner of every page
- Choose to view or save a copy of the Alpha Phase 2 Release Notes

Alpha Phase 1 Features

Explore Data Leveraging Various Facets

Search by Topics

Search by Location

The screenshot displays a web interface for data exploration. At the top, there's a 'YOUR SELECTIONS' section with 'Educational Attainment' and 'Virginia (VA)' selected. Below this are several facets: 'TOPICS' with a search bar and a list of categories like 'Education (263)'; 'LOCATIONS' with a search bar and a 'Show Map' button; 'NAICS' with a search bar and a list of industry codes; 'YEARS' with a search bar and a dropdown; 'DATASETS' with a search bar and a dropdown; and 'PROGRAMS' with a search bar and a dropdown. A 'Get Data' button is located at the bottom center of the interface.

Search by NAICS Codes

Search by Year

Search by Dataset

Search by Program Areas

Get table results that match selected facets

Alpha Phase 1 Features

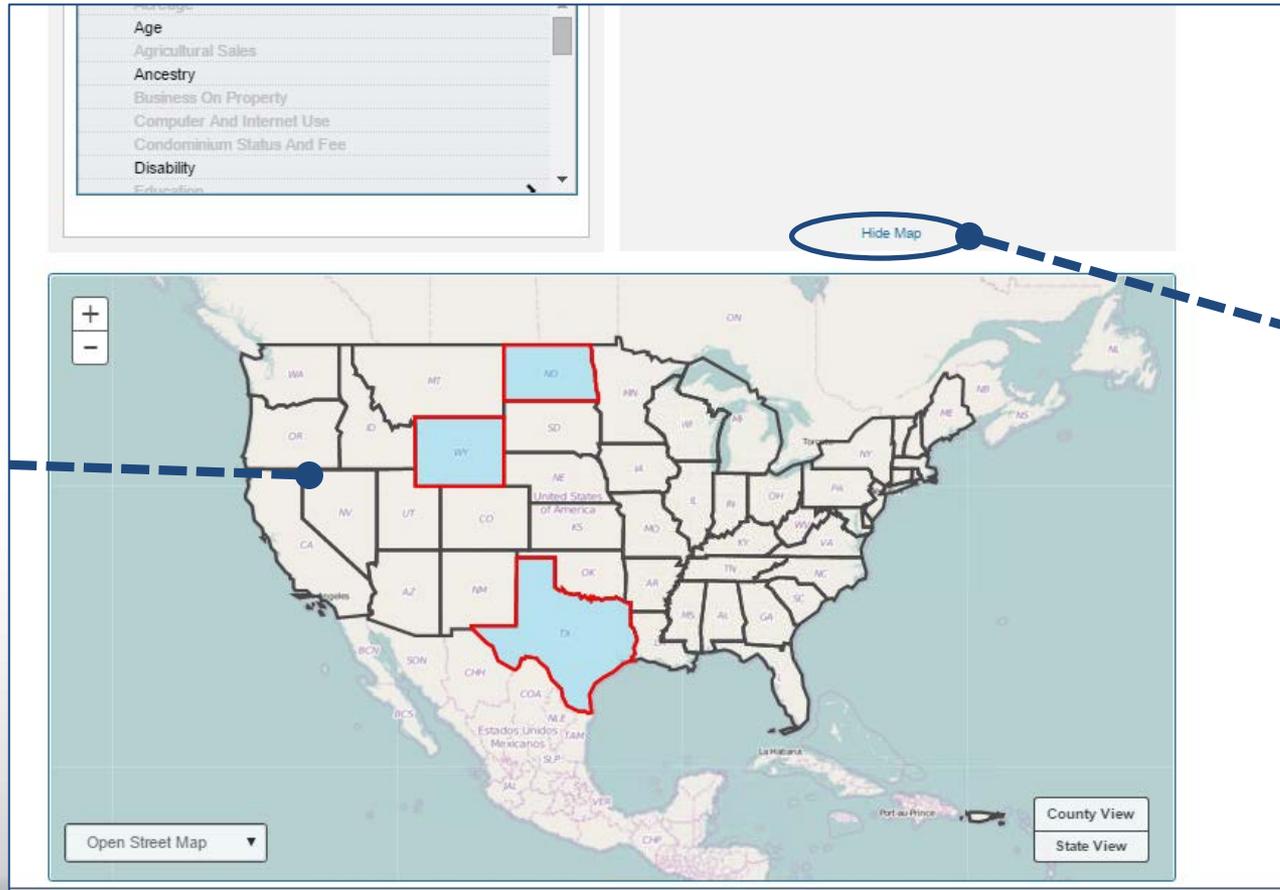
Type Ahead feature available within Topics, Locations and NAICS selection to quickly find and select desired facets

The image displays three screenshots of the application interface, each showing a search input field with a plus sign and a dropdown menu of suggestions.

- TOPICS:** The search input contains "ag". The dropdown menu lists: Age, Health Insurance Coverage, Mortgage Status, Acreage, Agricultural Sales, Ability To Speak English, Household Language, Linguistic Isolation, Residence 1 Year Ago, and Mortgage Payment.
- LOCATIONS:** The search input contains "vi". The dropdown menu lists: United States Virgin Islands (VI), Virginia (VA), Vian town, Oklahoma, Viborg city, South Dakota, Viburnum city, Missouri, and Vices city, Kentucky.
- NAICS:** The search input contains "112". The dropdown menu lists: Home, 11 - Agriculture, forestry, fishing and hunting, 21 - Mining, quarrying, and oil and gas extraction, 22 - Utilities, 23 - Construction, 42 - Wholesale trade, 51 - Information, 52 - Finance and insurance, and 53 - Real estate and rental and leasing.

Alpha Phase 1 Features

Use Map as a tool to select desired geographies to search for data



Show/Hide Map

Supported Geographies

- State
- County

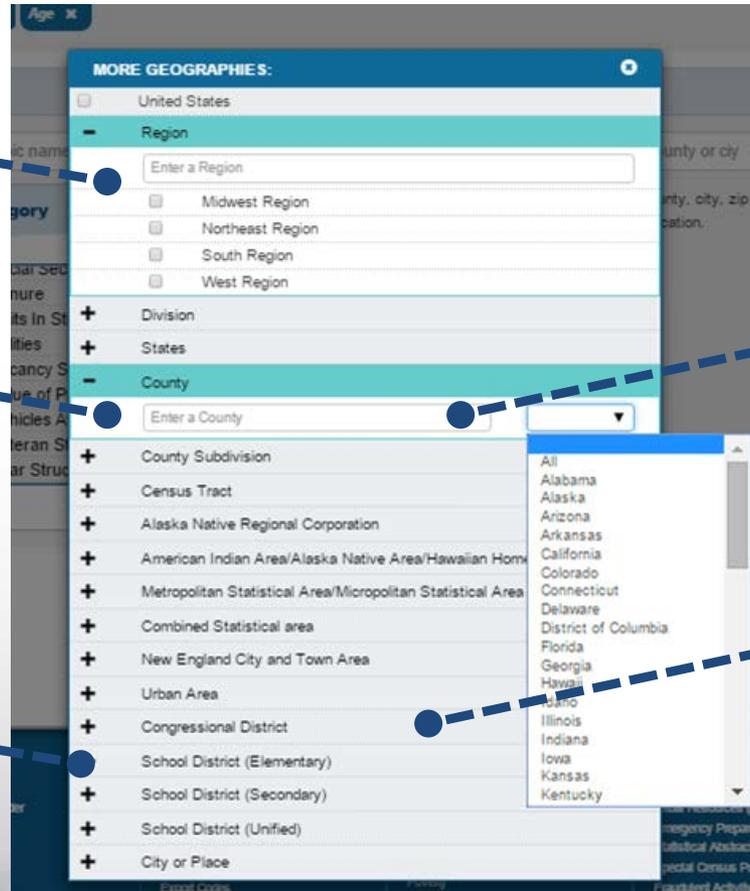
Alpha Phase 1 Features

Use More Geographies modal to select additional geography summary levels

Search by Region

Search by Counties

Search by School Districts



Type Ahead feature available to quickly find and select desired geographies

Search by Congressional Districts

Alpha Phase 1 Features

Results Page – Matching table results to selected facets organized by Table ID.

Your current selection

Select additional facets to further refine search results

The screenshot shows the Data Explorer interface with the following elements:

- Navigation:** United States Census Bureau logo, U.S. Department of Commerce, and a feedback link.
- Menu:** Topics (Population, Economy), Geography (Maps, Products), Library (Infographics, Publications), Data (Tools, Developers), Surveys/Programs (Respond, Survey Data), Newsroom (News, Blogs), About Us (Our Research).
- Data Explorer:** Links for Data Tools And Apps, Developers, Mobile Apps, Product Catalog, Related Sites, Software, Training and Workshops, and Visualizations.
- Search Results:** A list of tables with columns for Table ID, Title, and Date. The first table is B06009: PLACE OF BIRTH BY EDUCATIONAL ATTAINMENT IN THE UNITED STATES. Other tables include B07009, B07409, B13014, B14005, B15001, and B15002.
- Filters:** 'Your Selections' shows 'Educational Attainment' and 'Virginia (VA)'. 'Refine Search' includes categories like Topics, Location, Year, and Datasets.
- Additional Features:** 'Continue Exploring' button, 'Trending' section for 'Annual Population Estimates', and 'Add To Locker'/'Preview Table' buttons for each table.

Table Results matching the search criteria

Trending Data Coming Soon

Alpha Phase 1 Features

Table Viewer Feature – Ability to Preview Tables Directly From the Results Page

Preview desired tables side by side

Table results grouped by datasets to reduce duplicate table entries

Click on view table to launch the Full Table View

Search Results About 694 results

Tables

B01001. Sex by Age [Share](#)

[Add To Locker](#) [Close Preview](#)

2013: ACS 5-Year Summary File 2009-2013

	United States Estimate	Alabama Estimate	Arizona Estimate	Missouri Estimate
Total:	311,536,594	4,799,277	6,479,703	6,007,111
Male:	153,247,412	2,328,592	3,221,367	2,941,919
Under 5 years	10,247,162	154,615	227,775	195,911
5 to 9 years	10,404,611	156,368	228,431	198,915
10 to 14 years	10,591,348	163,186	233,380	203,152
15 to 17 years	6,540,597	99,840	138,498	124,340
18 and 19 years	4,603,826	69,792	96,305	87,387
20 years	2,437,109	37,802	50,715	46,403
21 years	2,358,127	38,413	49,318	43,275
22 to 24 years	6,509,032	95,880	139,723	121,674

[View Table](#) [View Map](#) [Download](#)

2013: ACS 5-Year Summary File 2009-2013

2013: ACS 5-Year Summary File 2009-2013

2013: ACS 3-Year Summary File 2011-2013

2013: ACS 1-Year Summary File 2013

2012: ACS 5-Year Summary File 2008-2012

2012: ACS 3-Year Summary File 2010-2012

2012: ACS 1-Year Summary File 2012

B01001A. SEX BY AGE (WHITE ALONE) [Share](#)

[Add To Locker](#) [Close Preview](#)

2013: ACS 5-Year Summary File 2009-2013

	United States Estimate	Alabama Estimate	Arizona Estimate	Missouri Estimate	Nebraska Estimate
Total:	230,592,579	3,326,188	5,131,739	4,984,653	1,624,312
Male:	113,846,006	1,632,825	2,546,937	2,451,173	804,421
Under 5 years	6,839,416	96,252	164,200	149,931	54,894
5 to 9 years	7,106,487	101,106	166,388	154,785	55,100
10 to 14 years	7,316,171	102,972	171,414	161,405	52,989
15 to 17 years	4,532,305	63,863	102,660	98,299	32,238
18 and 19 years	3,160,810	43,447	70,243	67,845	23,258
20 to 24 years	7,863,902	110,791	174,980	167,617	57,811
25 to 29 years	7,613,734	103,718	170,983	163,367	55,718
30 to 34 years	7,318,597	100,232	165,449	157,077	52,584

[View Table](#) [View Map](#) [Download](#)

Alpha Phase 1 Features

Full Table View – Further review data in Full Table View mode.

Ability to turn Margin of Error On / Off

Additional Features Coming Soon

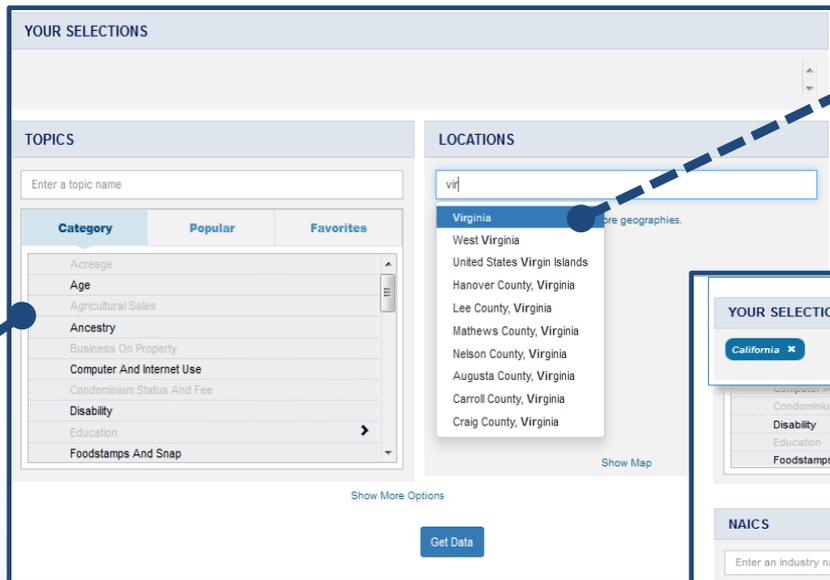
Modify Geography Directly From the Full Table View

The screenshot shows the 'Full Table View' interface for 'B01001. Sex by Age'. At the top left, there is a 'Back To Results' link and a 'Margin of Error' toggle set to 'Off'. Below this is a table with columns for 'United States' and seven states: Alabama, Arizona, Maryland, Missouri, Nebraska, and Washington. Each state column has an 'Estimate' sub-column. The table rows include 'Total:', 'Male:', and age groups from 'Under 5 years' to '30 to 34 years'. To the right of the table are several action buttons: 'Add To Locker', 'View Map', 'Download', 'Share', and 'Modify Geography'. A 'Notes' panel on the far right contains 'View Table Notes', 'View Geography Notes', and 'View Foot Notes'. Dashed lines with circular endpoints point from text labels to these specific UI elements.

	United States	Alabama	Arizona	Maryland	Missouri	Nebraska	Washington
	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate
Total:	311,536,594	4,799,277	6,479,703	5,834,299	6,007,182	1,841,625	6,819,579
Male:	153,247,412	2,328,592	3,221,367	2,824,531	2,941,951	913,478	3,401,539
Under 5 years	10,247,162	154,615	227,775	186,729	195,979	66,678	226,020
5 to 9 years	10,404,611	156,368	228,431	187,504	198,915	66,812	223,893
10 to 14 years	10,591,348	163,186	233,380	192,296	203,152	63,277	223,044
15 to 17 years	6,540,597	99,840	138,498	121,112	124,340	38,193	138,386
18 and 19 years	4,603,826	69,792	96,305	84,316	87,387	27,492	93,240
20 years	2,437,109	37,802	50,715	41,553	46,403	13,439	52,775
21 years	2,358,127	38,413	49,318	42,760	43,275	14,496	50,594
22 to 24 years	6,509,032	95,880	139,723	119,053	121,674	39,879	144,949
25 to 29 years	10,734,184	154,319	226,271	199,163	200,286	64,837	250,681
30 to 34 years	10,262,465	148,033	216,784	187,216	191,470	61,256	239,301

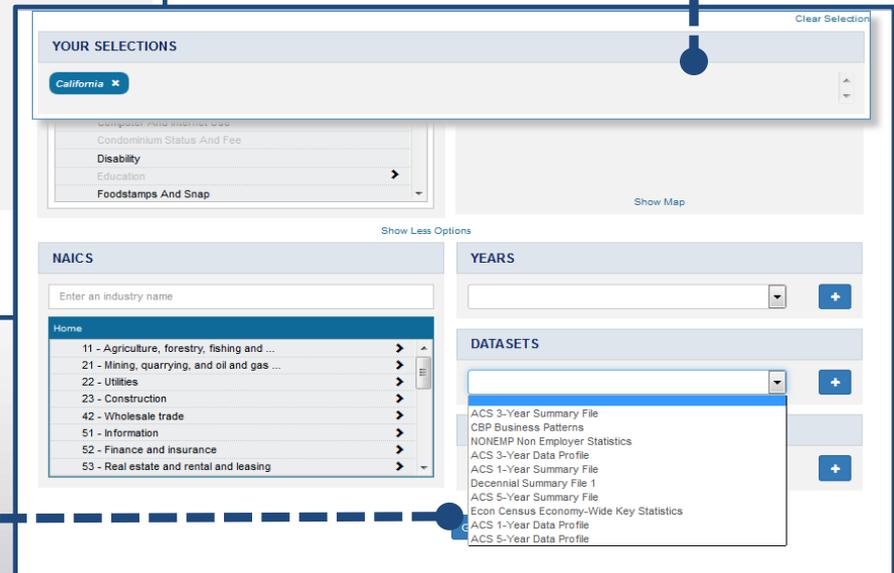
Alpha Phase 2 Features

Enhancements to the Facet selection on the Explore Data page



Expanded Type Ahead

Floating Your Selections box*

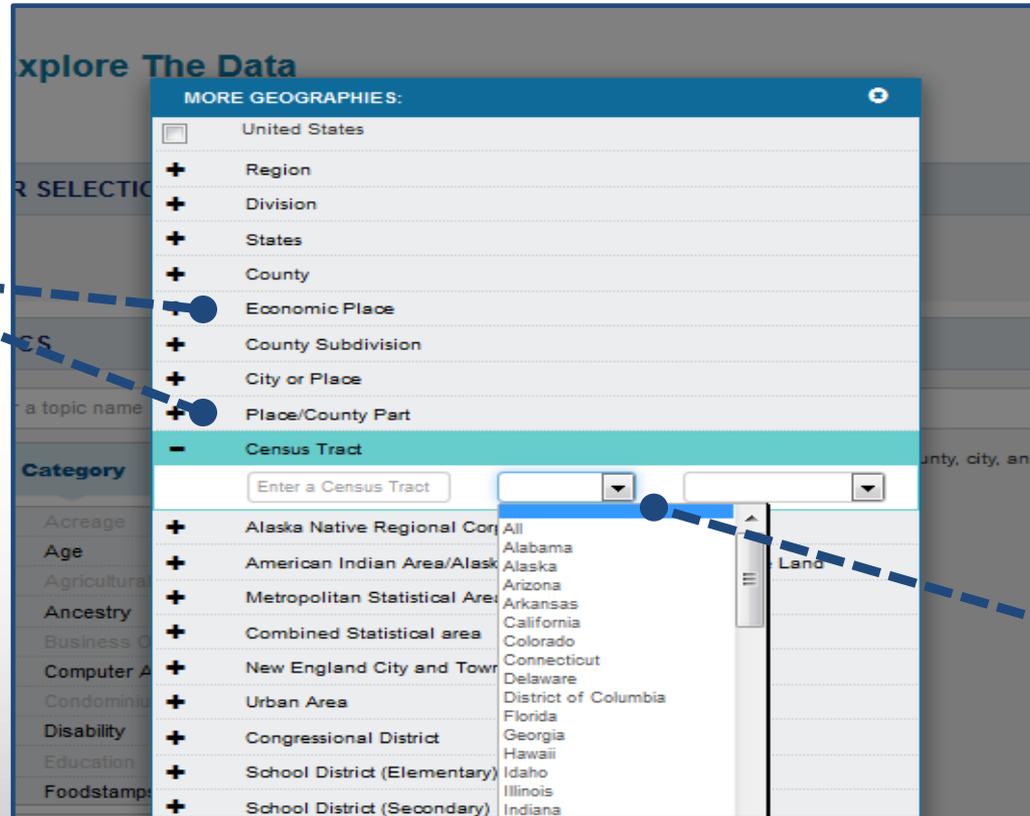


* Based on stakeholder feedback

Alpha Phase 2 Features

Improvements to the More Geographies selection

New Geography Filters*



Additional State and County sub-filters

* Based on stakeholder feedback

Alpha Phase 2 Features

Continued integration of Facets on the Data Explore page

YOUR SELECTIONS

Econ Census Economy-Wide Key Statistics ✕

MORE GEOGRAPHIES:

- United States
- + Region
- + Division
- + States
- + County
- + Economic Place
- + County Subdivision
- + City or Place
- + Place/County Part
- + Census Tract
- + Alaska Native Regional Corporation
- + American Indian Area/Alaska Native Area/Hawaiian Home Land
- + Metropolitan Statistical Area/Micropolitan Statistical Area
- + Combined Statistical area
- + New England City and Town Area
- + Urban Area
- + Congressional District
- + School District (Elementary)
- + School District (Secondary)
- + School District (Unified)

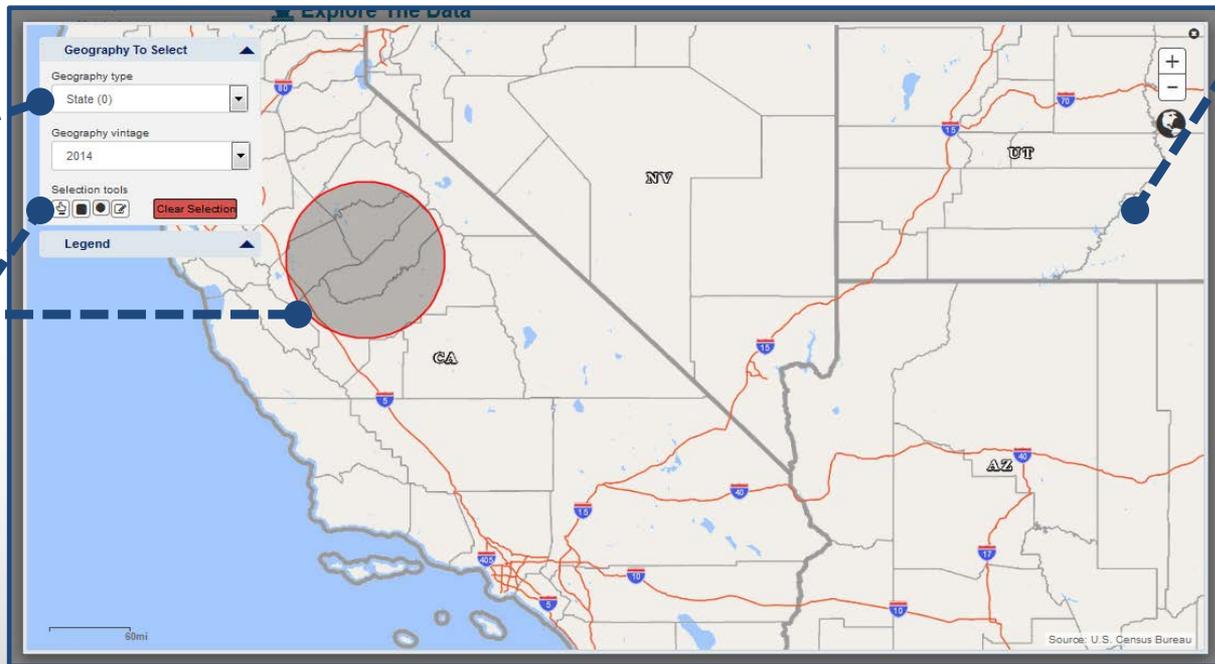
Geographies that are not associated with the Econ Census are greyed out

Alpha Phase 2 Features

Enhanced Map as a Selection

Select by geography (ex. state, county, and place)

Select a point, rectangle, circle, or polygon



Map is now a pop-up window

Alpha Phase 2 Features

Improvements to the Table Results page

The screenshot displays the 'Table Results' page for a search query. On the left, there is a 'SEARCH' sidebar with 'Your Selections' (Age, United States) and 'Refine Search' (Topics, Location, Year, Datasets, Survey/Program, NAICS). A 'Reset Filters' link is highlighted with a dashed blue arrow pointing to the text 'Fixed Reset Filters link*'. The main content area shows a list of tables with columns for Table ID, Title, and File Name. The first table is 'B01001 Sex by Age'. The second table is 'B01001A SEX BY AGE (WHITE ALONE)'. The third table is 'B01001B SEX BY AGE (BLACK OR AFRICAN AMERICAN ALONE)'. The fourth table is 'B01001C SEX BY AGE (AMERICAN INDIAN AND ALASKA NATIVE ALONE)'. The fifth table is 'B01001D SEX BY AGE (ASIAN ALONE)'. A dashed blue arrow points from the text 'Clicking on Table ID will not display the Full Table*' to the 'B01001' link. On the right, there is a 'Trending' section with a blue header and a list of items: 'Annual Population Estimates', 'Demographic & Housing', and 'Estimates'. A dashed blue arrow points from the text 'More defined shading to the table results list*' to the table results list.

Fixed Reset Filters link*

Clicking on Table ID will not display the Full Table*

More defined shading to the table results list*

* Based on stakeholder feedback

Alpha Phase 2 Features

Expansion of the Table View capabilities

Download in CSV

The screenshot shows a data table for 'B01001. Sex by Age' for the United States. The table has columns for 'United States' and 'Estimate'. The data is organized by age groups. A 'Download in CSV' button is visible in the top right of the table area. A 'More Options' dropdown menu is open, showing options for 'Dataset', 'Modify Geography', and 'Transpose Rows/Columns'. The 'Transpose Rows/Columns' option is highlighted, and a dashed line points to it from the label 'Transpose Table' below. The 'Dataset' dropdown is also highlighted, and a dashed line points to it from the label 'Dataset dropdown*' to the right.

	United States	Estimate
Total:	318,857,058	
Male:	158,890,101	
Under 6 years	10,117,103	
6 to 9 years	10,511,798	
10 to 14 years	10,596,279	
16 to 17 years	6,390,741	
18 and 19 years	4,550,073	
20 years	2,416,850	
21 years	2,375,223	
22 to 24 years	6,830,222	
26 to 29 years	11,070,617	
30 to 34 years	10,785,544	
36 to 39 years	10,001,134	
40 to 44 years	10,273,647	
46 to 49 years	10,309,499	
50 to 54 years	11,049,751	
56 to 59 years	10,333,822	
60 and 61 years	3,811,110	
62 to 64 years	5,174,218	
66 and 68 years	3,217,874	

Dataset dropdown*

Transpose Table

* Based on stakeholder feedback