

The Future of Census Bureau Data Dissemination

Data.census.gov Platform Preview and Feedback Session

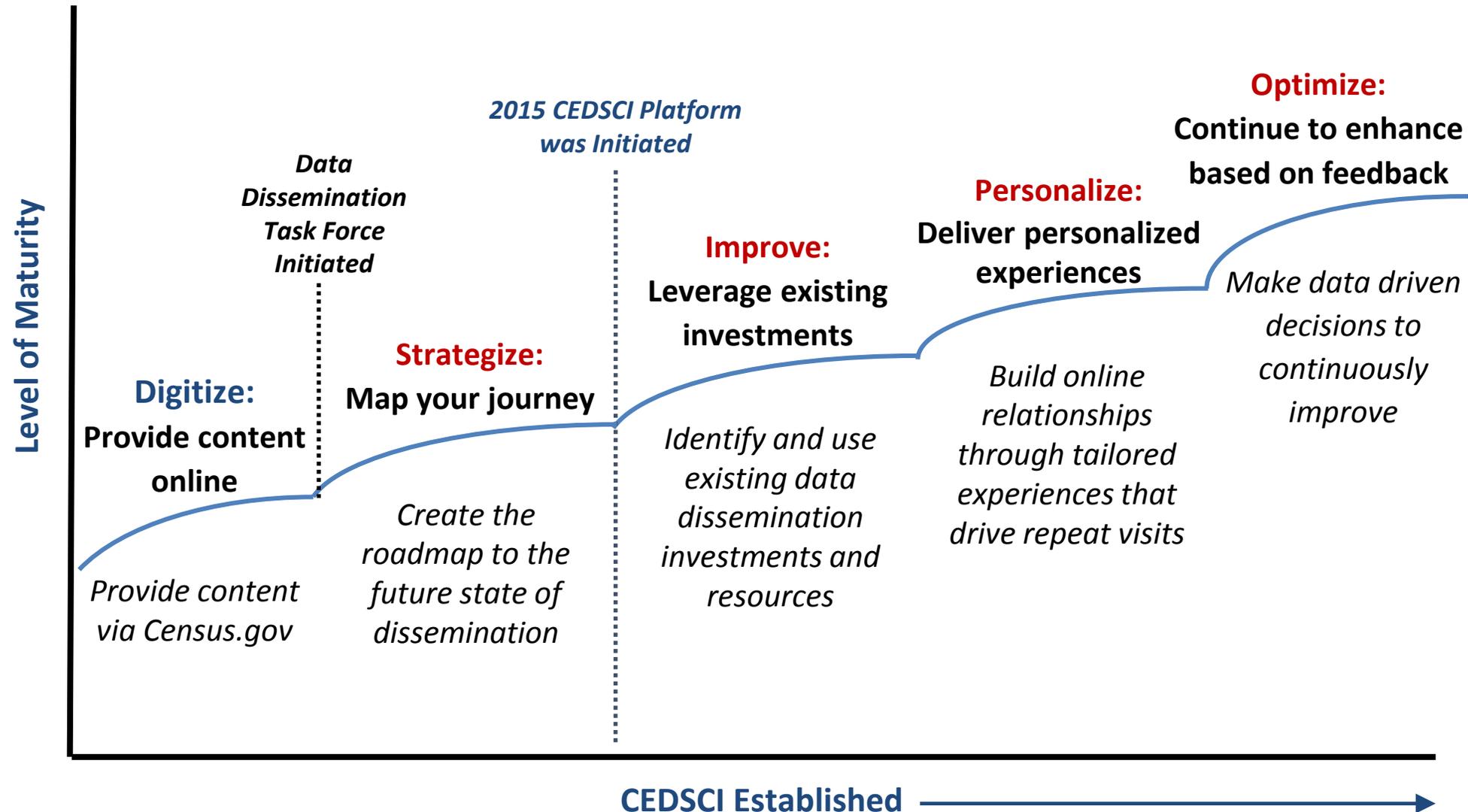
Census Bureau Mission

To serve as the leading source of quality data about the nation's people and economy.

We honor privacy, protect confidentiality, share our expertise globally, and conduct our work openly.



Data Dissemination Journey





Call to Action

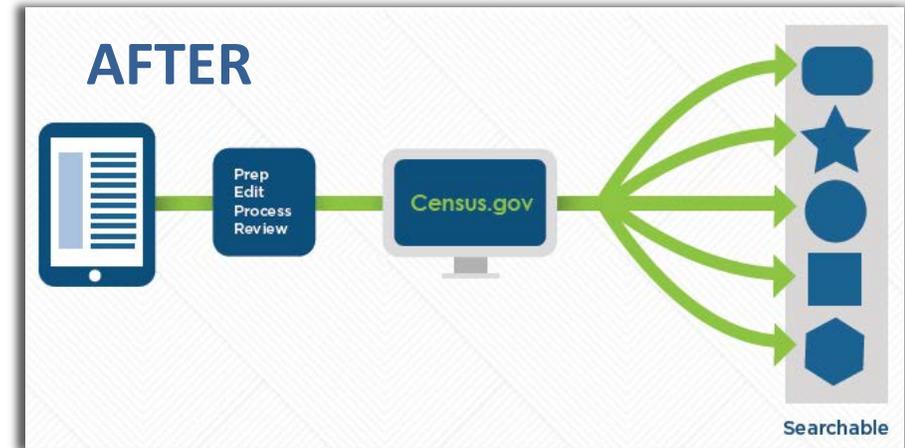
The Census Bureau *is* the source of quality data about the nation's people, places, and economy.

However, we recognize the need to evolve how we disseminate data and information to our customers.

We established the Center for Enterprise Dissemination Services and Consumer Innovation (CEDSCI) to transform and improve the customer experience for finding, using, and sharing all Census Bureau data.

Role of the CEDSCI Program

- Centralize and standardize metadata, data, and software
- Create a customer-oriented platform for easy access to Census Bureau data
- Move dissemination from duplicative tools to streamlined, efficient platform



CEDSCI Program Overview

Enabling Technology Platform

- Standardized central metadata repository
- Develop technology components to support generalized dissemination capabilities

Content Harmonization

- Establishment of metadata standards, business rules, and policies across all censuses and surveys

Governance and Program Management

- Establish a governance structure and body to coordinate policies and procedures associated with the dissemination vision
- Establish and implement business processes to manage and coordinate dissemination activities and tools

Digital Transformation Integration

Customer Experience Management

- Captures customer interactions and provides insights to drive the evolution of dissemination tools, systems, and processes

External Information Services

- Promote a set of dissemination tools that are integrated with Census.gov to provide a seamless customer experience

Dissemination Transition

- Transition selected data, metadata, and components from legacy dissemination systems to new data dissemination platform
- Ensure a smooth transition to new platform

Center for Enterprise
Dissemination and
Consumer
Innovation (CEDSCI)

Video: The Future of Census.gov



Follow this link to hear more about our plans for the future of Census.gov

<https://youtu.be/tR2TgVA83Wo>



Data.census.gov

WHERE ARE WE NOW?

Explore Census Data

The Census Bureau serves as the leading source of quality data about the nation's people and economy.

Landing page with a simplified look and feel, including plenty of white space and a single-search bar.

Get data from one reliable source



Icons link directly to data search on [Data.census.gov](https://data.census.gov).



Get data from one reliable source



Start with search

We're combining our data tools into a single experience. Use the search bar to find the information you need.



Try new features

We release updates every two months. Explore features that will help you interact with our data.



Give us feedback

We need your help to develop a seamless experience. Tell us how to improve this platform: cedsci.feedback@census.gov

Additional instructions provide suggestions on using the preview site.

Our process

We design, develop, and release new features every two months.



Current updates

- Enhanced search
- Pseudo geographies

Upcoming features

- Geography profile pages
- Enhanced mapping
- Pattern library
- Accessible backend

Official release

-  Look for continuous improvements from now until our official launch.



Help us build this experience

Your input is important as we develop this platform. Start searching and let us know how we can make your experience better.

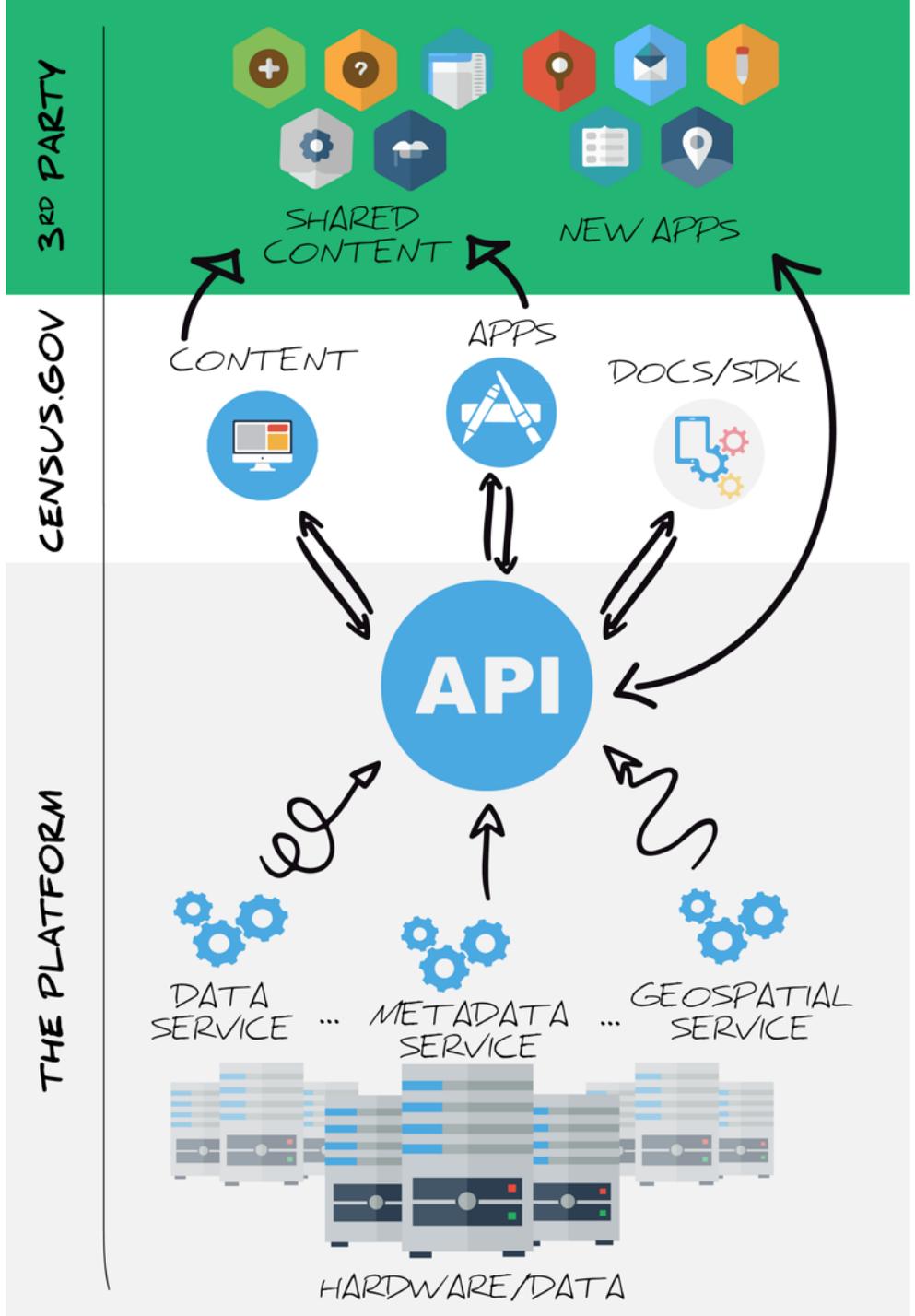
Email feedback to: cedsci.feedback@census.gov

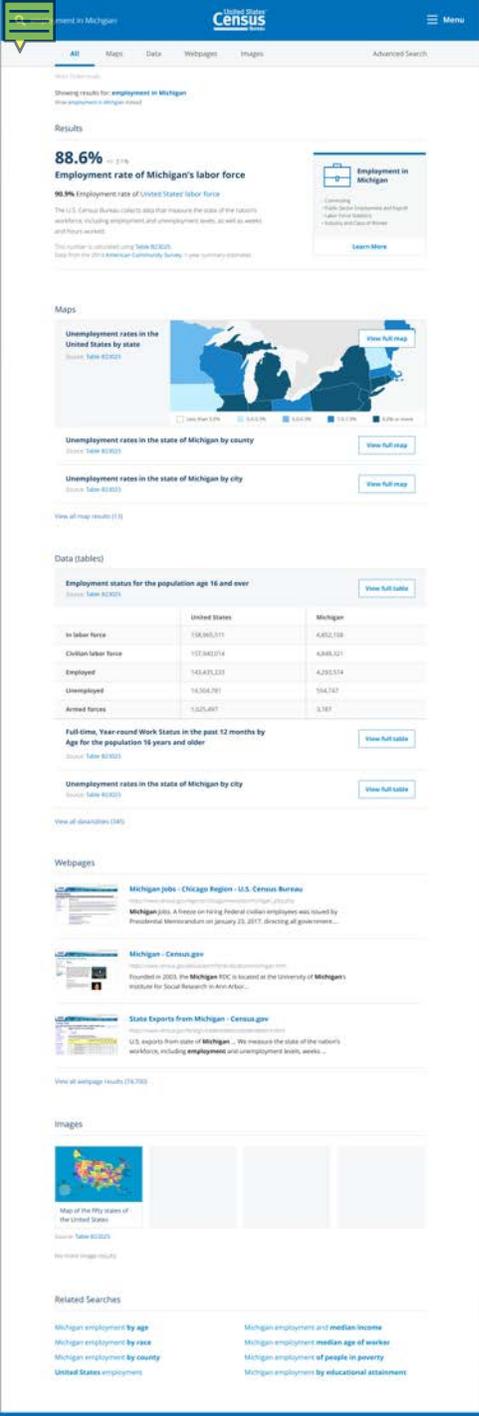


Continue to check out data.census.gov, and provide your feedback to cedsci.feedback@census.gov.

Upcoming Releases

WHERE ARE WE HEADED?





1

2

3

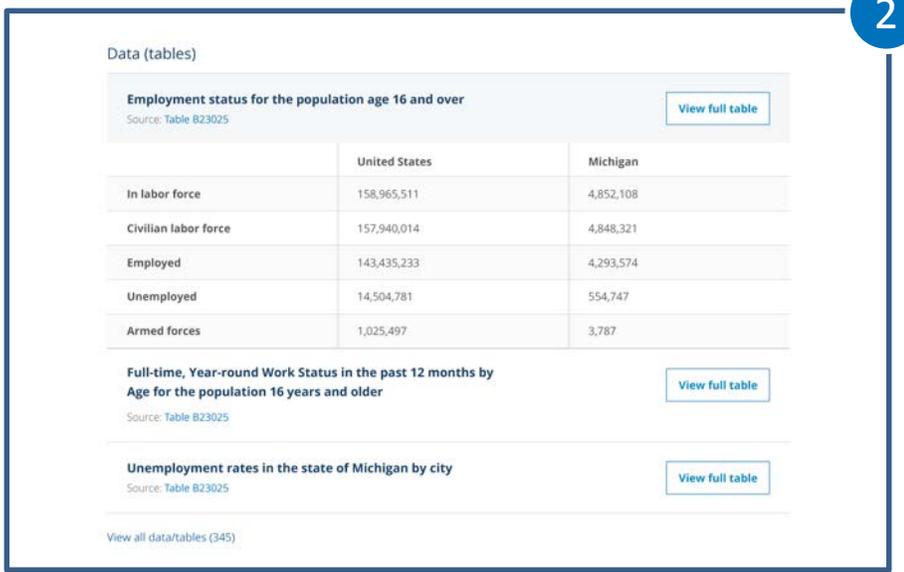
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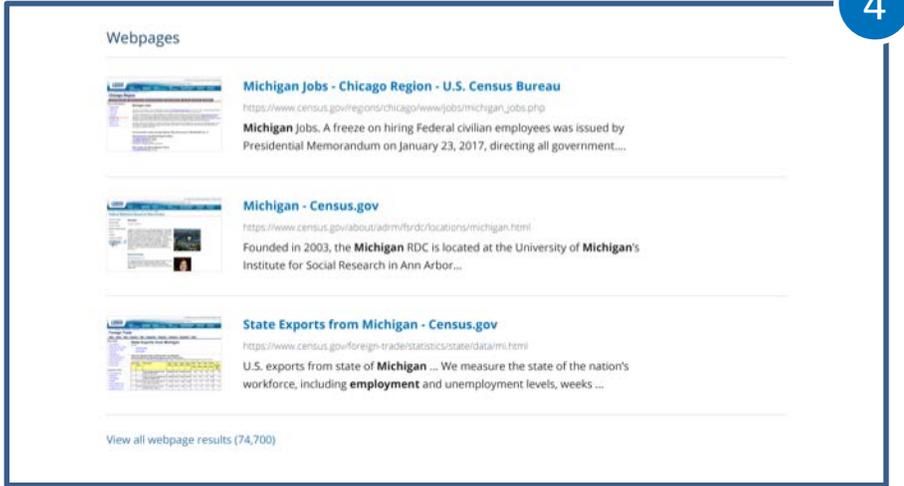
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3



2



4

Department of Commerce
and Statistics Administration
BUREAU OF ECONOMIC ANALYSIS

Virginia

State in United States



Virginia at a Glance
 Virginia is the 12th largest state in the United States by population. Virginia has a total area of 42,774.2 square miles, including 3,180.13 square miles of water, making it the 35th-largest state by area. Virginia is bordered by Maryland, Washington, D.C., North Carolina, Tennessee, Kentucky, and West Virginia.

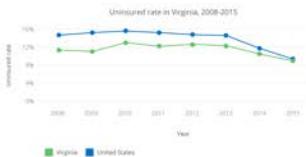
STATE CAPITAL: **Richmond**
 MOST POPULATED COUNTIES: **Fairfax, Prince William, Loudoun**

8,382,993 POPULATION
\$65,015 MEDIAN HOUSEHOLD INCOME
11.2% POVERTY RATE
90.9% EMPLOYMENT RATE
88.9% EDUCATIONAL ATTAINMENT

People Housing Economy

HEALTH

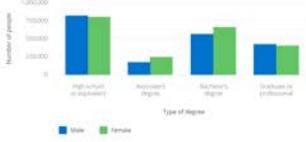
9.1%
 Uninsured, under age 65
 +/- 0.5%
 Source: 2008-2015 American Community Survey 1-Year



View options +

EDUCATION

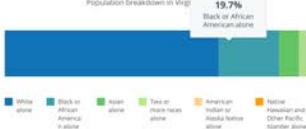
88.9%
 High school graduate or higher
 +/- 0.5%
 Source: Table DP02_0066PE, 2015 American Community Survey 1-Year



View options +

POPULATION

8,382,993
 Population estimate
 +/- 0.5%
 Source: 2015 American Community Survey 1-Year



View options +

HOUSING

\$65,015
 Median household income
 +/- 0.5%
 Source: 2015 American Community Survey 1-Year



View options +

- Related Searches
- Washington, D.C.
 - Maryland
 - Fairfax County, Virginia
 - Prince William County, Virginia
 - Loudoun County, Virginia
 - Richmond
 - Arlington, Virginia
 - Virginia Beach
 - Arlington County, Virginia
 - Norfolk
 - Chesapeake
 - Newport News

1

2

3

United States Census Bureau

Virginia

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State in: United States



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View options +

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View options +

Related Searches

- Washington, D.C.
- Maryland
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- Loudoun County, Virginia
- Richmond
- Arlington, Virginia
- Virginia Beach
- Arlington County, Virginia
- Norfolk
- Chesapeake
- Newport News

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Census API

Learn the basics of the Census API, from table response to data discovery methods.

Documentation
The API reference documentation is available online in the Census API, learn about the data, errors, and how to format your requests.

Guides
These guides will help you learn how to use the Census API. It includes how you can use the API to get data and how to use the data in your projects.

Sandbox
Get started quickly by testing your API requests in the sandbox environment.

Tools and Applications

Get the reports, tools, business catalogs, or our easy-to-use ready-made data app.

Census Business Builder

Are you looking for data to help you start or grow a business, or understand the business landscape for a region?

Get Started



United States Census Bureau

Documentation Sandbox API Status

Get started with the Census API

The API Reference describes each available resource in the Census API. Learn about parameters, errors, and how to format your requests.



Start now →



Guides

These guides will help you learn how to power your application using the Census API. Illustrate how you can identify the right data source, and visualize data on a web map.



Sandbox

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News

National Day of Civic Hacking 2017

June 2nd, 2017

National Day of Civic Hacking is a celebration of the open data movement, and a chance for the community to come together to create new applications and services using open data.

Alexa Open Data Skills Challenge

June 2nd, 2017

National Day of Civic Hacking is a celebration of the open data movement, and a chance for the community to come together to create new applications and services using open data.

[View more](#)

Featured Applications



Reference

Overview

[API Root](#)[Authorization](#)[Data](#)[Geography](#)[Metadata](#)[Programs](#)[Search](#)[Discover](#)

Get started with the Census API

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API Root

HTTP Method	Endpoint	Function
GET	/	API Root

Authorization

HTTP Method	Endpoint	Function
POST	/authorize	Link your application
GET	/authorize	Get a list of your applications

...

API

Access Token

- API Root
- Authorization
- Data
- Geography
- Metadata
- Programs
- Search
- Discover

Data

- Access Token
- API Root
- Authorization

Metadata

- Access Token
- API Root
- Authorization

Display Metadata

- Access Token
- API Root
- Authorization

Geospatial Data

- Access Token
- API Root
- Authorization

Geospatial Metadata

- Access Token
- API Root
- Authorization

Display a Census basemap

Initialize a map in an HTML element and call Census vector basemap services.



```

<!DOCTYPE html>
<html>
<head>
  <meta charset='utf-8' />
  <title></title>
  <meta name='viewport' content='initial scale=1,maximum scale=1,user scalable=no' />
  <script src='https://api.tiles.mapbox.com/mapbox-gl-js/v0.34.0/mapbox-gl.js'></script>
  <link href='https://api.tiles.mapbox.com/mapbox-gl-js/v0.34.0/mapbox-gl.css' rel='stylesheet' />
  <style>
    body { margin:0; padding:0; }
    #map { position:absolute; top:0; bottom:0; width:100%; }
  </style>
</head>
<body>

  <div id='map'></div>
  <script>
    mapboxgl.accessToken = 'pk.eyJ1IjoiendoaXRtYW4iLCJhIjoieCZNeHdNQSj9.mXXZjJ2PYMZ6le-o3f90A';
    var map = new mapboxgl.Map({
      container: 'map', // container id
      style: 'mapbox://styles/mapbox/streets-v9', //stylesheet location
      center: [-74.50, 40], // starting position
      zoom: 9 // starting zoom
    });
  </script>

</body>
</html>

```

API Status

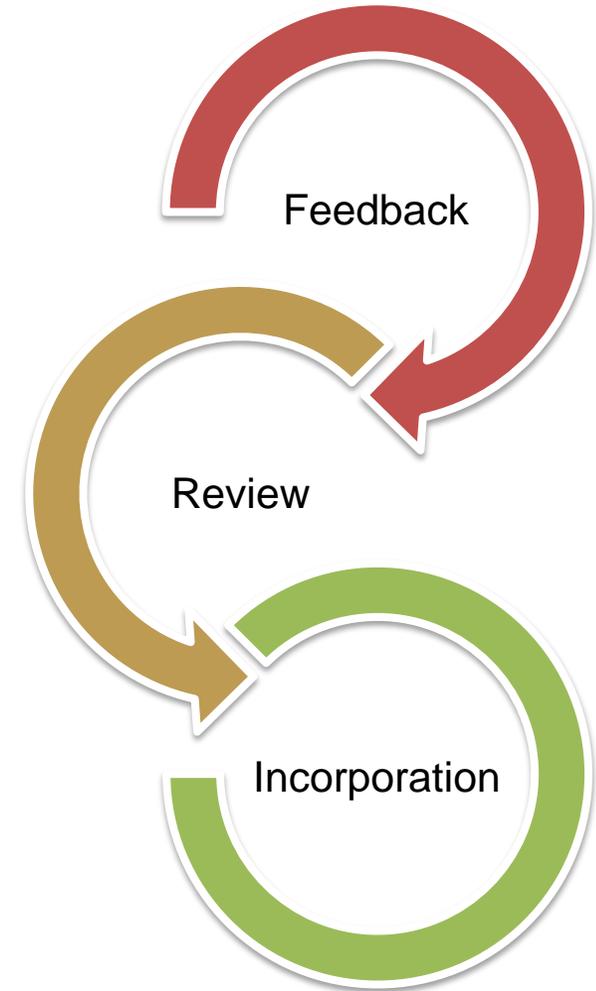
Datacenter	Status	Uptime today	Uptime this week	Uptime this month	Report
CENSUS01		100%	100%	99.95%	
CENSUS02		50%	100%	99.95%	
CENSUS03		100%	100%	99.95%	
CENSUS04		100%	100%	99.95%	
CENSUS05		100%	100%	99.95%	
CENSUS06		100%	100%	99.95%	
CENSUS07		100%	100%	99.95%	
CENSUS08		100%	100%	99.95%	

Keys to Our Success

STAKEHOLDER ENGAGEMENT AND USER FEEDBACK

Engaging Stakeholders for Feedback

- Continue outreach with stakeholders to understand requirements, successes, and suggestions
- Suggestions incorporated into platform to date:
 - Select all geographies
 - Search by Table ID
 - Mapping enhancements
 - Filtering enhancements
 - General look & feel
- Future enhancements to include:
 - Custom data aggregations / manipulations within tables
 - Easy access to single data cells (e.g., average commute time)





What would you like to see in the platform?

For the next few minutes, consider what you have seen in the slides for potential upcoming features.

- What did you like?
- What didn't you like?
- Is there anything missing?
- Are there features you want to be sure we add?



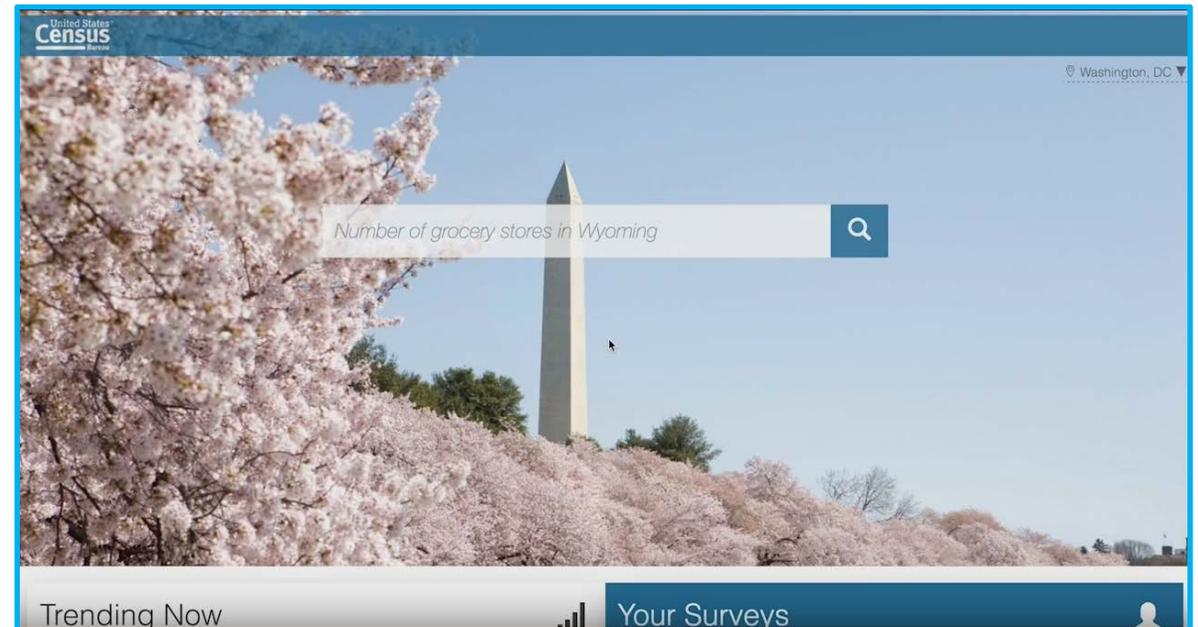
What would you like to see in the platform?

Then, please tell us what you'd like to see, related to:

- **File formats** – for download, presentation, etc.
- **Data sets** – are there datasets we should be sure to include?
- **Data aggregation** – is this something you're interested in? By geographic region or by other methods?
- **Other** – what else would you like to see? Dynamic maps, visualizations, tabulation capabilities, etc.? We need your ideas!

Our progress depends on you!

Please visit [Data.census.gov](https://data.census.gov) regularly, and provide your feedback at cedsci.feedback@census.gov!



Questions or Additional Information?

Please contact me!

Ally Burleson-Gibson

External Communications,
CEDSCI, U.S. Census Bureau

allyson.r.burleson.gibson@census.gov

301-763-6306

