

CENSUS DATA DISSEMINATION STRATEGY

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CDO

First things first - what are the challenges?

We have a lot of apps
(approx 100+...)

A lot of apps means a lot of interfaces

The image displays four distinct user interfaces from the United States Census Bureau:

- American FactFinder:** A search interface for demographic data. It features a sidebar with filters for Topics, Geographies, Race and Ethnic Groups, Industry Codes, and EEO Occupation Codes. The main area shows search results for "Race and Ethnic Group Filter Options" and a table of selected groups.
- Small Area Health Insurance Estimates (SAHIE):** A map-based interface showing "Percent Uninsured - 2014" for areas under 65 years old. It includes a map of the United States with a legend and filter options for States, Counties, Year, Age Group, Race, Sex, and Income.
- Tigerweb:** A geographic information system (GIS) interface for mapping census data. It shows a map of the Washington D.C. area with various layers like Labels, Transportation, and PUMAs, UGAs, and ZCTAs. It includes a search bar and a legend.
- My Congressional District:** An interface for finding and exploring a congressional district. It features a map of the United States, a search bar, and a list of districts. The selected district is "Congressional District 3" in Arizona. It also includes icons for various data categories like People, Workers, Housing, Socio-Economic, Education, and Business.

and I don't just mean graphical user interfaces

```
api.census.gov/data/2016/pep/population?  
  get=POP,GEONAME  
  &  
  for=region:*&DATE=9  
  &  
  key=YOUR_KEY
```

```
import requests  
from requests.auth import HTTPBasicAuth  
  
apikey = "your_api_key"  
request_url = "http://citysdk.commerce.gov"  
  
request_obj = {  
  'zip': '21401',  
  'state': 'MD',  
  'level': 'state',  
  'sublevel': False,  
  'api': 'acs5',  
  'year': 2010,  
  'variables': ['income', 'population']  
}
```

and a lot of these apps have their own update cycle

which means they can get out of sync

which makes maintenance and quality assurance hard

We also tend to arrange our data based on Census structure

which makes it hard for folks to know what we have
and where to find it

So what are we doing about it?

We're starting by looking at our data from our users'
perspective

That's cool. What does that mean?

First - the data needs to be discoverable

Second - it needs to be understandable

And third - it needs to be extensible

How are we approaching these challenges?

we're beginning with a flexible, centralized
infrastructure

```
url: http://data.census.gov/api/endpoints/args
{
  "services":
    [
      "endpoints",
      "facets",
      "locations",
      "search",
      "states",
      "tablemetadata",
      "tables",
      "typeahead",
      "valideos"
    ],
  message: "***Welcome to the CEDSCI API***"
```

then building a front-end to prove it out

Explore Census Data

B02003: Detailed



Advanced Search

This is a preview of the Census Bureau's new data exploration platform. We'll be releasing platform features in phases so you can try them sooner and send us your feedback. The data presented here are test data and should not be used for purposes beyond evaluating the functionality of the platform. For official Census data, please continue to use our data resources at census.gov/data.html. 

so what's the idea here?

if we can do it, they can do it better

What's the rough idea?

Veteran Status i



Trending Now



Your Surveys



Veteran Status in Washington DC



Advanced Search

All Tables Web Maps

Showing 36 results for: Veterans District of Columbia Clear Filters

Topics

Filter By Topic

Age 216

Ancestry 8

Business Owner 7

Disability 34

Healthcare 30

Hispanic Or Latino Origin 30

Labor Force Status 193

Migration 3

More +

Geographies

Filter By Geography

National

Tribal Areas

State

Congressional District

County

City or Place

Zipcode/ZCTA

Veterans in the District of Columbia

District of Columbia Veteran Population: 29,557
Source: 2014 American Community Survey 5-Year Summary File
Total Population of the District of Columbia: 672,228
Source: Vintage 2015 Population Estimates: Population Estimates
Male Veteran Population in District of Columbia: 26,450
Source: 2014 American Community Survey 5-Year Summary File



Keep Exploring

About this result

SEX BY AGE BY VETERAN STATUS FOR THE CIVILIAN POPULATION 18 YEARS AND OVER

Table ID: B21001

2014: ACS 5-Year Summary File



VETERAN STATUS BY EDUCATIONAL ATTAINMENT FOR THE CIVILIAN POPULATION 25 YEARS AND OVER

Table ID: B21003

2014: ACS 5-Year Summary File



MEDIAN INCOME IN THE PAST 12 MONTHS (IN 2014 INFLATION-ADJUSTED DOLLARS) BY VETERAN STATUS BY SEX FOR THE CIVILIAN POPULATION 18 YEARS AND OVER WITH INCOME

Table ID: B21004

2014: ACS 5-Year Summary File



Documents related to Veterans in the United States

History and Evolution of Veteran Status Questions

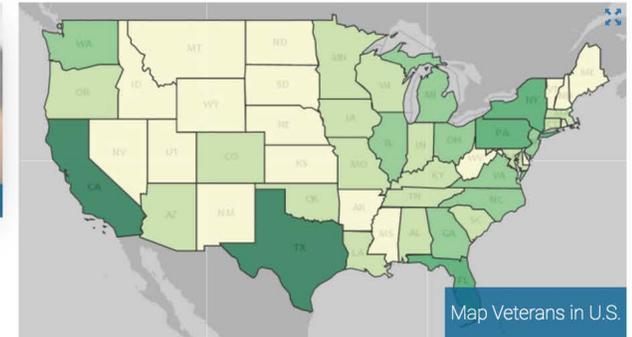
Veterans' Racial and Ethnic Composition and Place of Birth: 2011

Introduction to Veteran Statistics

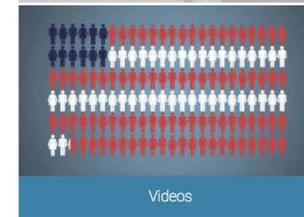
Veterans: About section: Demographic data

In 2011, about 21.5 million (9.1 percent)

Introduction to Veteran Statistics: ... the veteran status question was simplified and



Map Veterans in U.S.



Videos



Images

Veteran Status in Washington DC



Advanced Search

All Tables Web **Maps**

Showing 36 results for: **Veterans** **District of Columbia** Clear Filters

Filters

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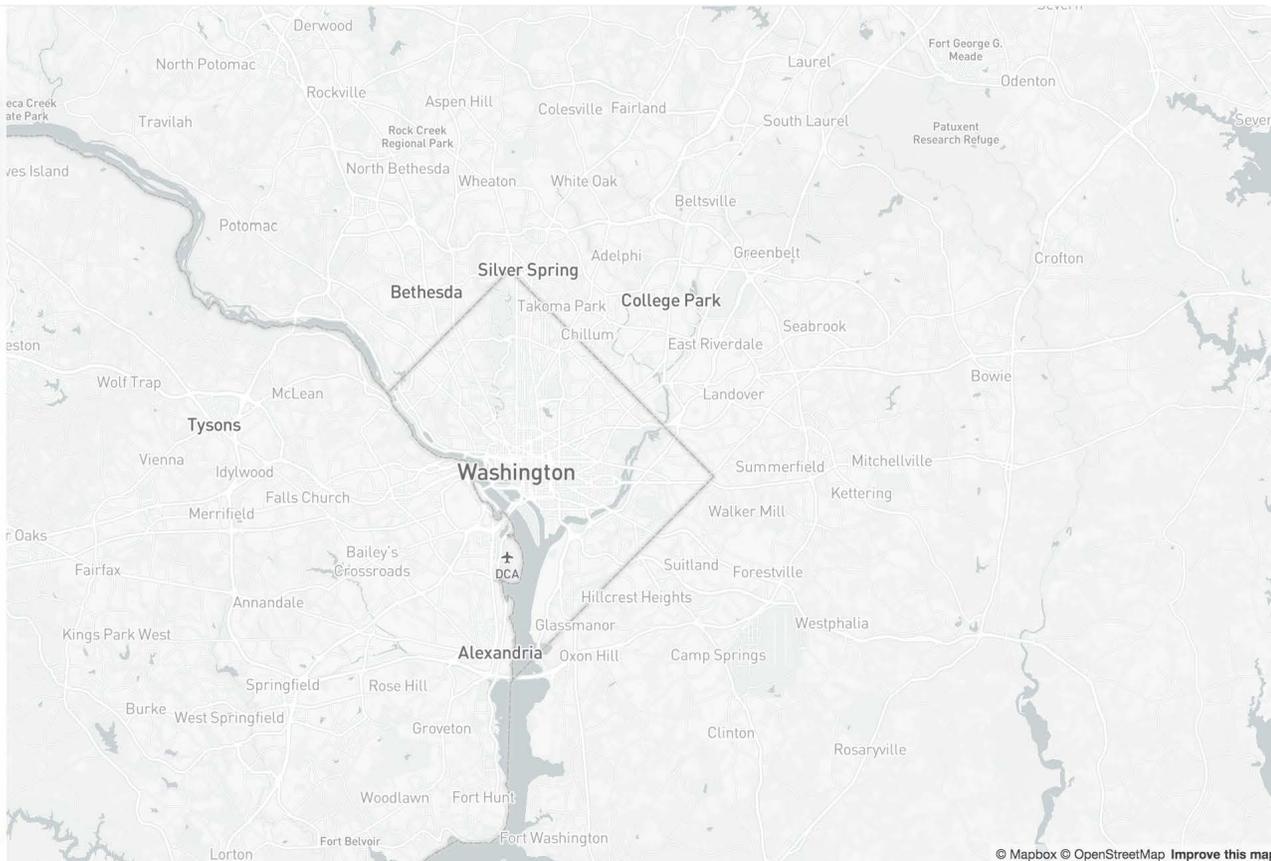
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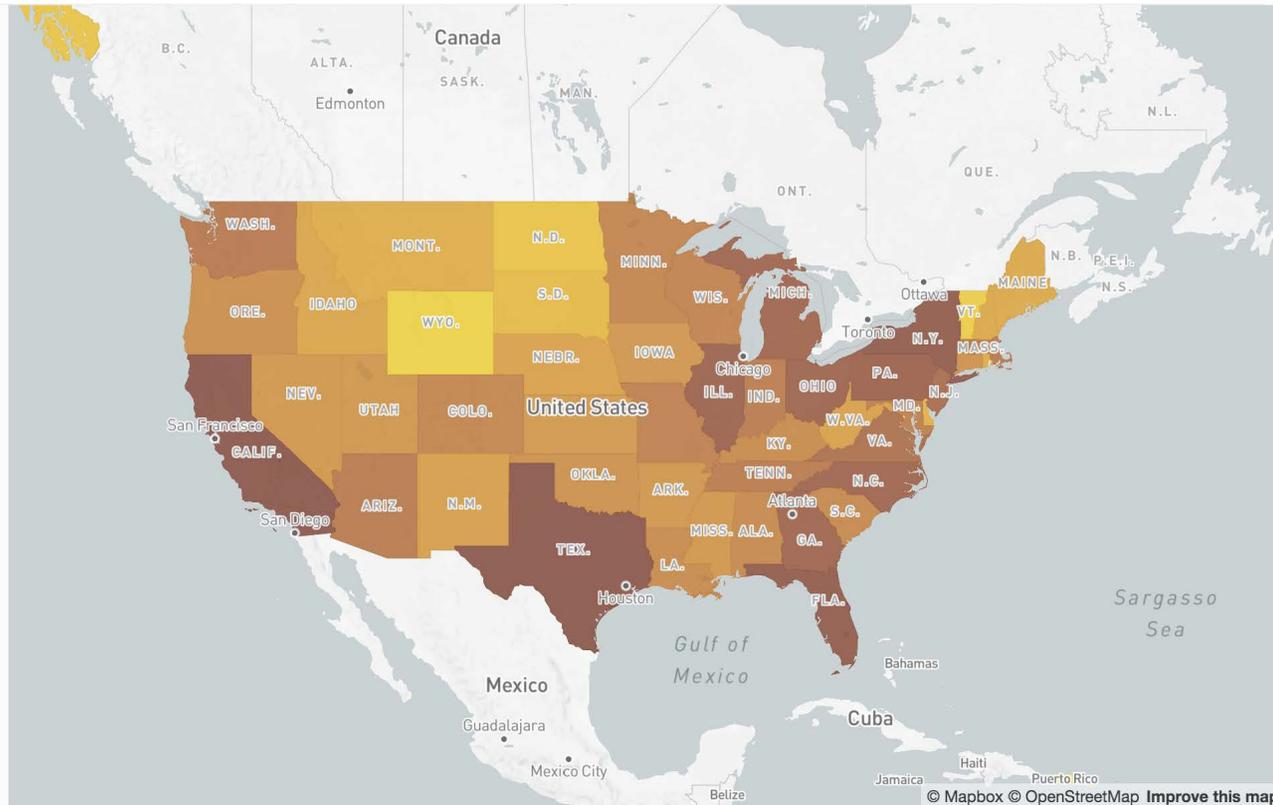
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Map by Variable

Total Population
Total Population: Veteran
Total Male Population: Veteran
Total Female Population: Veteran
Total Male Population 18 to 34: Veteran
Total Female Population 18 to 34: Veteran
Total Male Population 35 to 54: Veteran
Total Female Population 35 to 54: Veteran
Total Male Population 55 to 64: Veteran
Total Female Population 55 to 64: Veteran

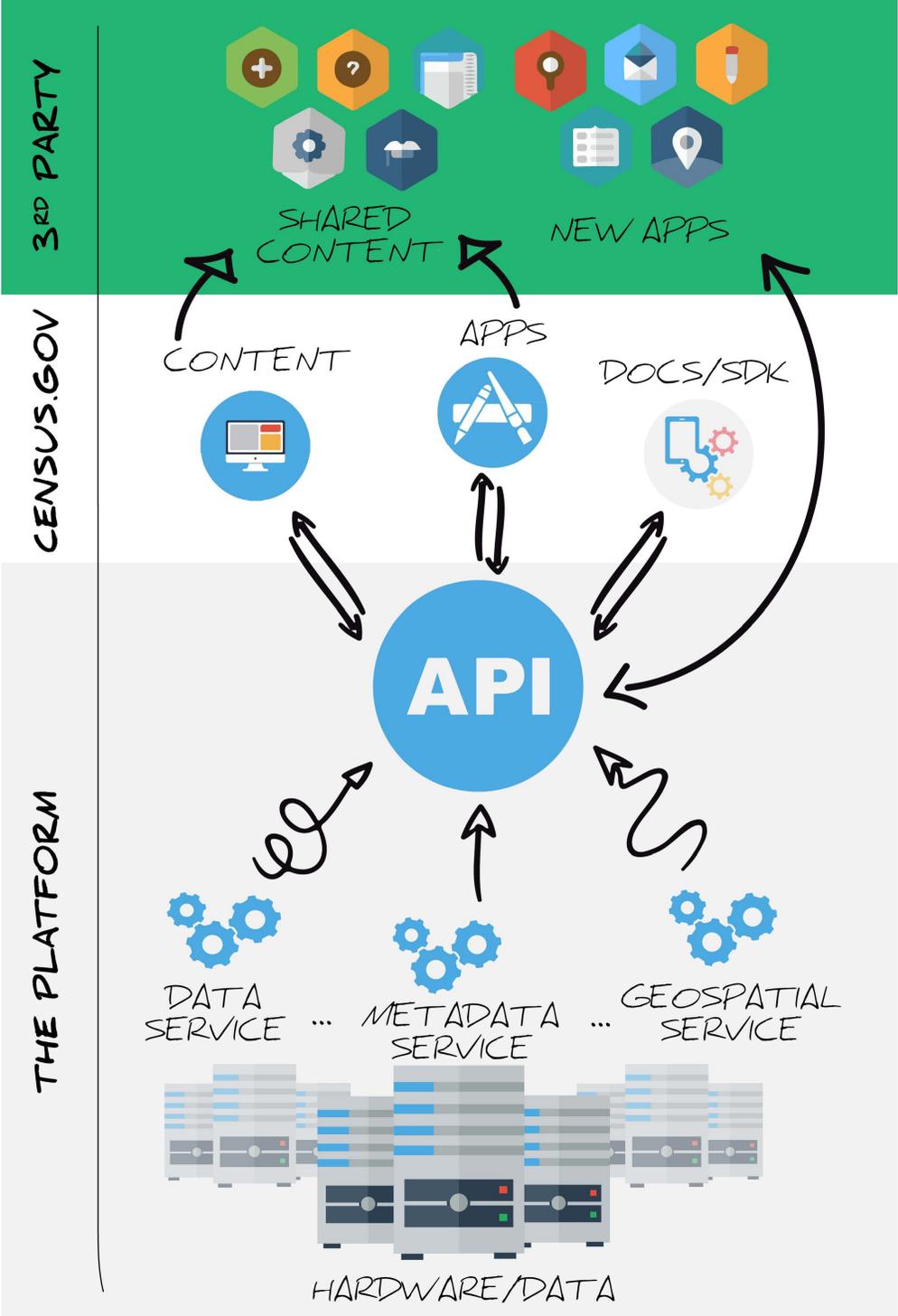


where we are today

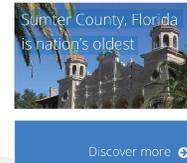
prototypes

- data services interface
- single search bar
- table result set
- table interface
- basic mapping capabilities

How does this all fit together?



where else are we going?



Census API

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



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



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
Get started right away by using our sandbox API development environment.

Tools and Applications

Get a jumpstart on your business, analysis, or curiosity with our ready-made data apps.

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](#)

