

# Your Neighborhood by the Numbers: Advanced American FactFinder



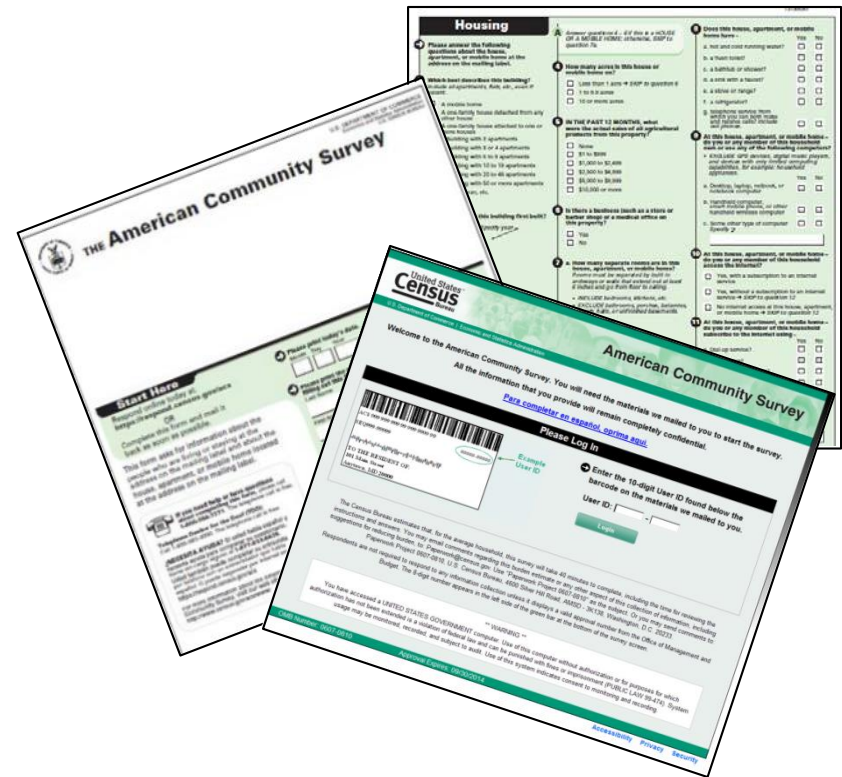
**Eric Coyle**  
**Data Dissemination Specialist**  
**U.S. Census Bureau**

# Outline

- Overview of Census Bureau Programs/Surveys
- ACS Overview
- Census Geography
- Accessing ACS Data Products
- Additional Resources
- Questions
- Online Demonstration

# ACS Basics: The Survey

- Ongoing monthly survey sent to 3.5 million addresses per year to produce detailed population and housing estimates each year
  - Visit 20,000 Group Quarter facilities and sample approximately 194,000 residents each year
- Designed to produce *critical information on small areas and small population groups* previously collected on the decennial long form
- Covers 35+ topics and supports over 300 known Federal Government uses
- Data released twice annually
  - 1-year estimates (12 months of data)
  - 5-year estimates (60 months of data)



# 2010 Census vs. ACS

2010  
Census

**100 % Data**

How many people  
live in the U.S.?

**Point in time** April  
1, 2010

**Count** - People,  
Housing units,

American  
Community  
Survey

=

2000 Long Form  
SF3 & SF4

**Sample Data**

How do people live  
in the U.S.?

**Period in Time**  
1yr, 5yr

**Characteristics**  
Income, Poverty,  
Education

# Current ACS 1-year/5-year Data

- **Areas with a population 65,000+: 1-year estimates**

(2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, **2016**)

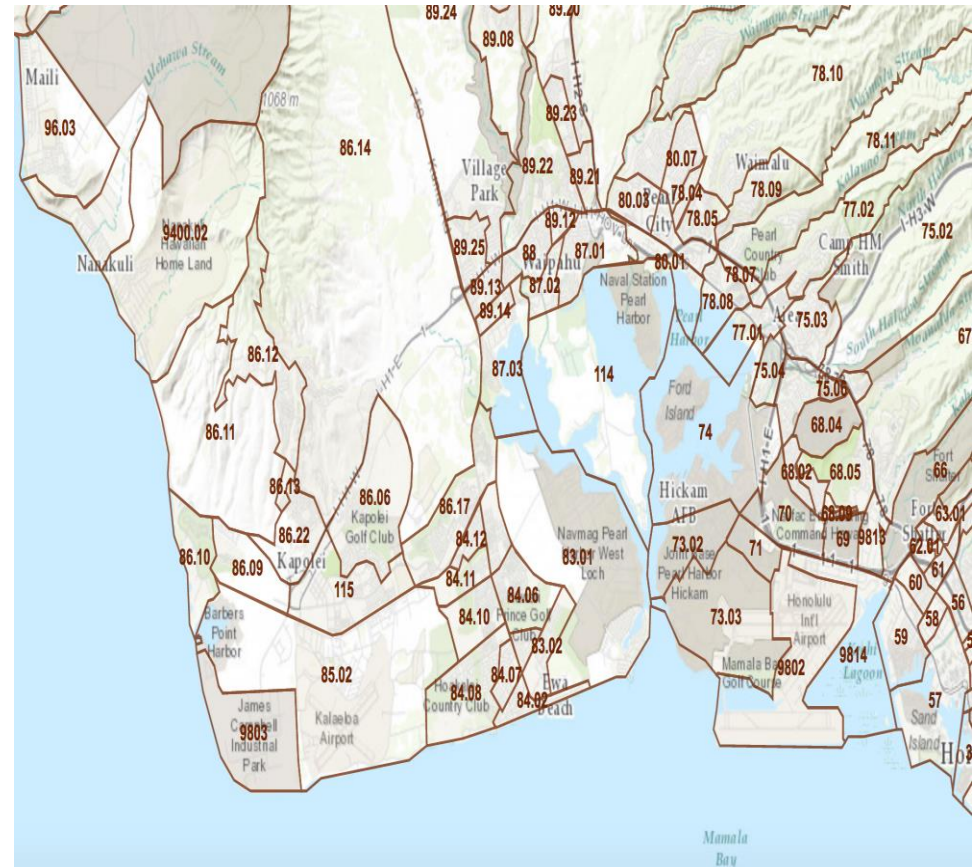
**All areas** (incl. census tracts & block groups): **5-year estimates**

(2005-2009, 2006-2010, 2007-2011, 2008-2012, 2009-2013, 2010-2014,  
2011-2015, **2012-2016**)

# Census Geography

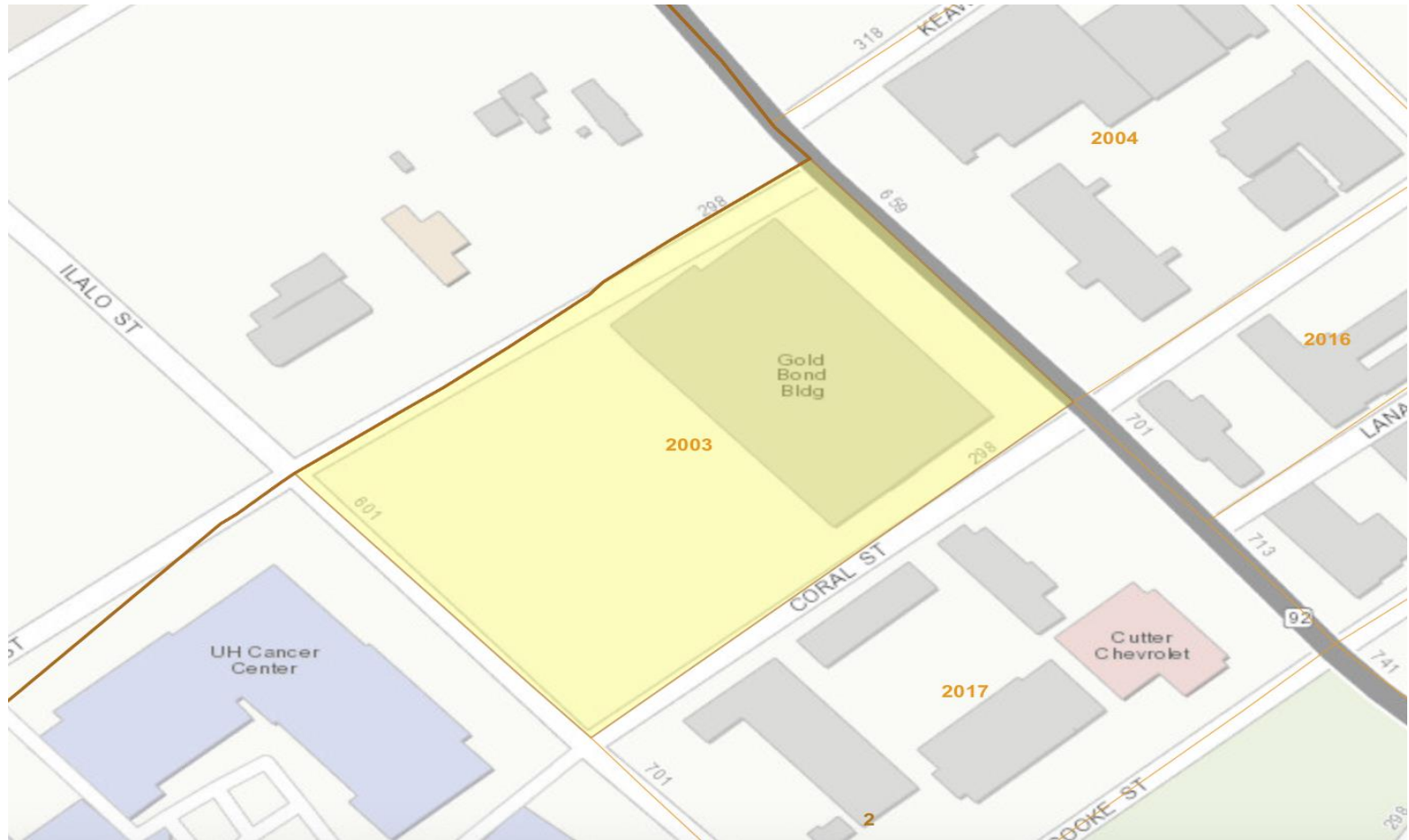
# Selected Census Geographic Concepts—Statistical Areas

- Regions
- Divisions
- Census Designated Places
- Census County Divisions
- Public Use Microdata Areas (PUMA)
- Zip Code Tabulation Areas (ZCTAs)
- Census Tracts
- Block Groups
- Block





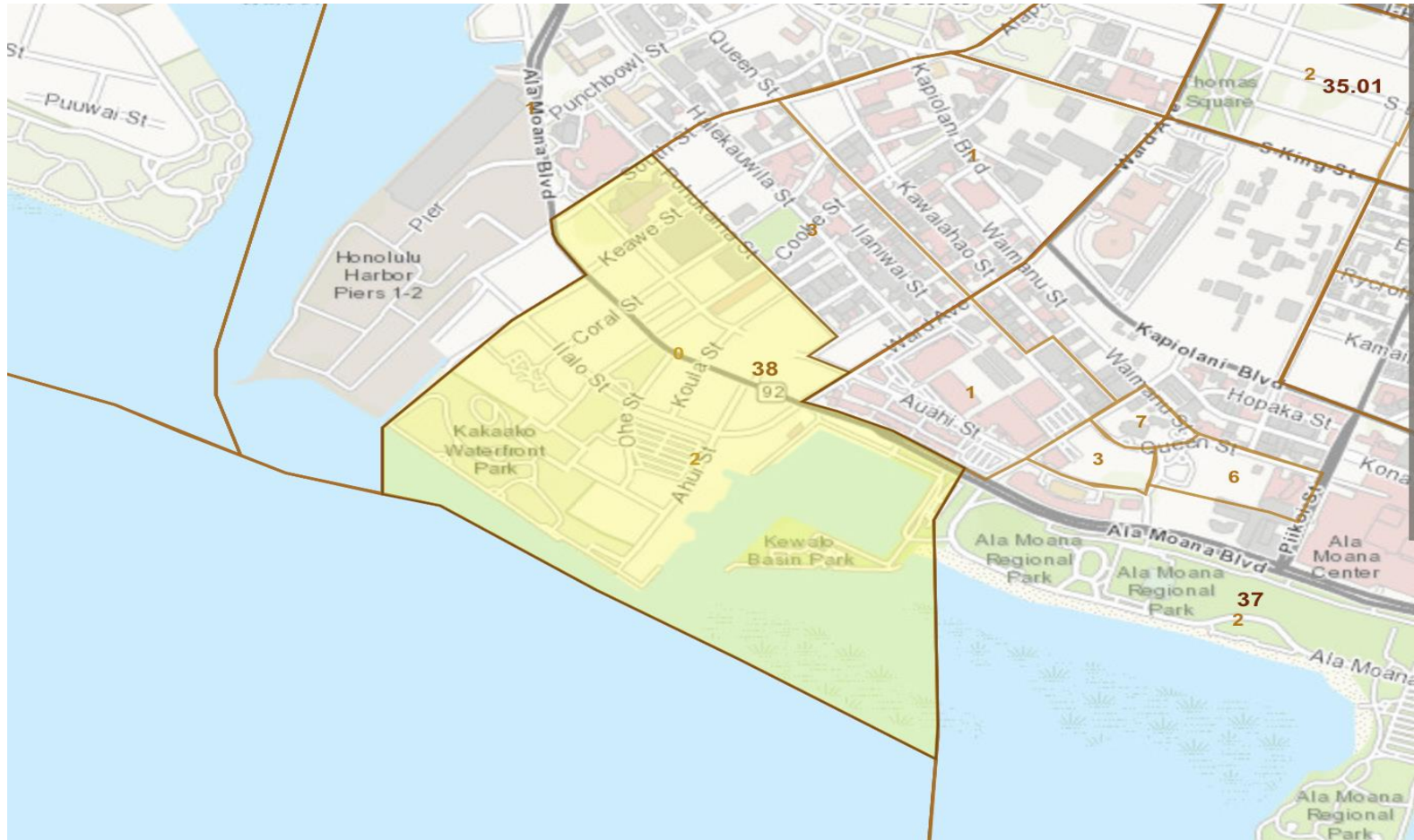
# Block 2003, BG 2, Tract 38, Honolulu County, HI



- ***Blocks: the smallest geographic level for which census data is available. No population threshold. Size varies.***

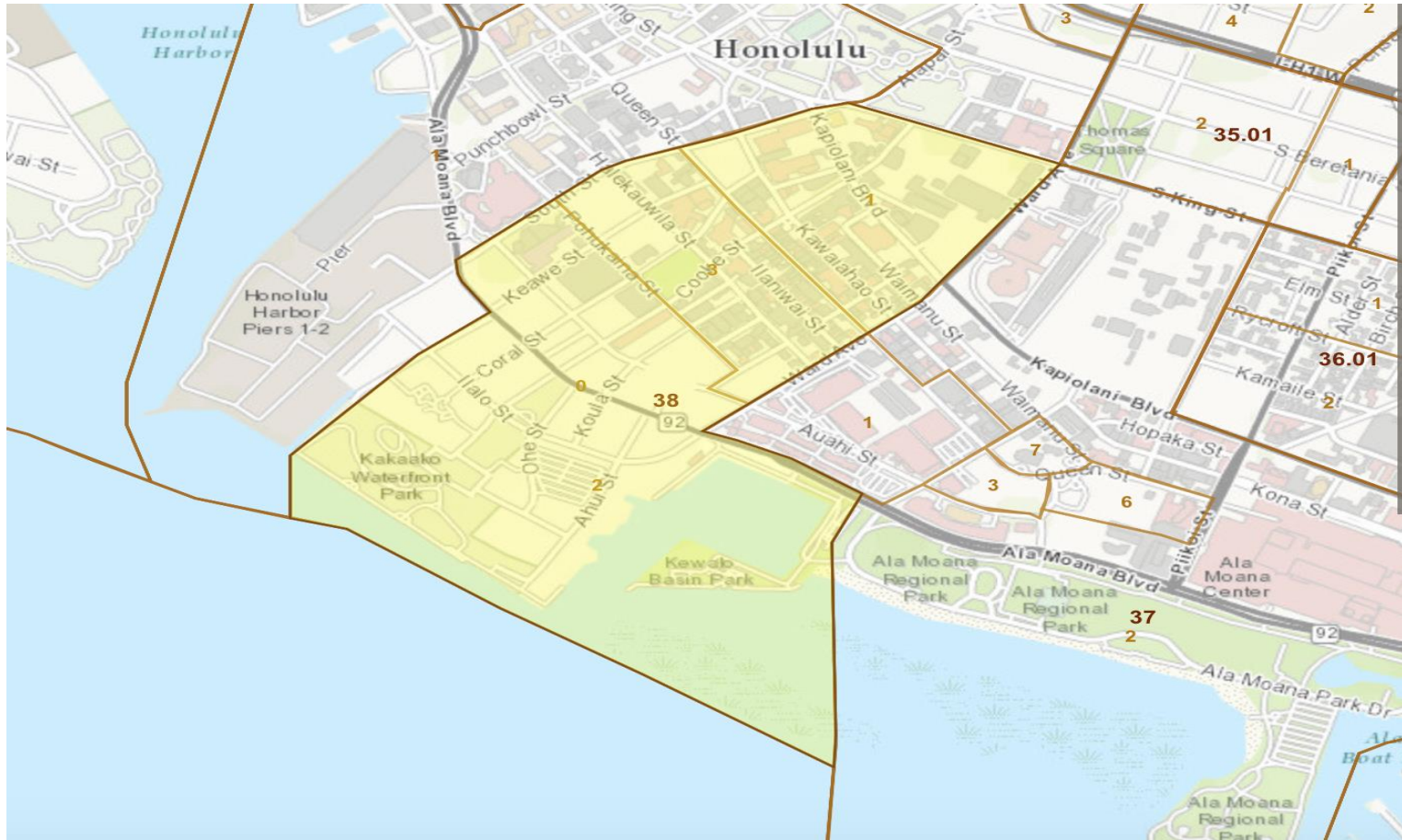


# BG 2, Census Tract 38, Honolulu County, HI



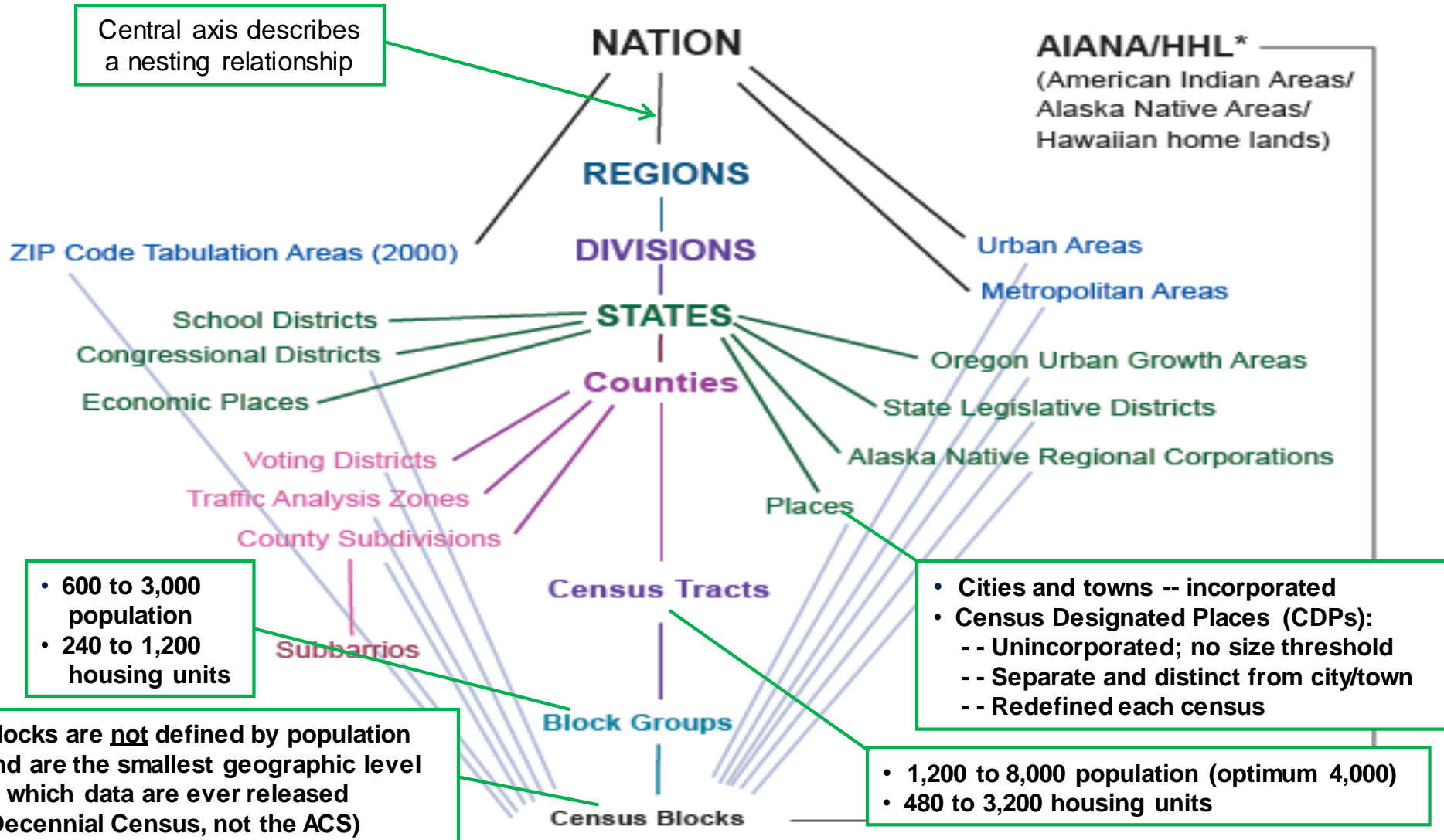
- **Block Groups** generally have a population of 600 to 3,000 (optimum 1,500) and follow physical boundaries.

# Census Tract 38, Honolulu County, HI



- **Census Tracts** generally have a population of 1,200 to 8,000 (optimum **4,000**) and follow physical boundaries.

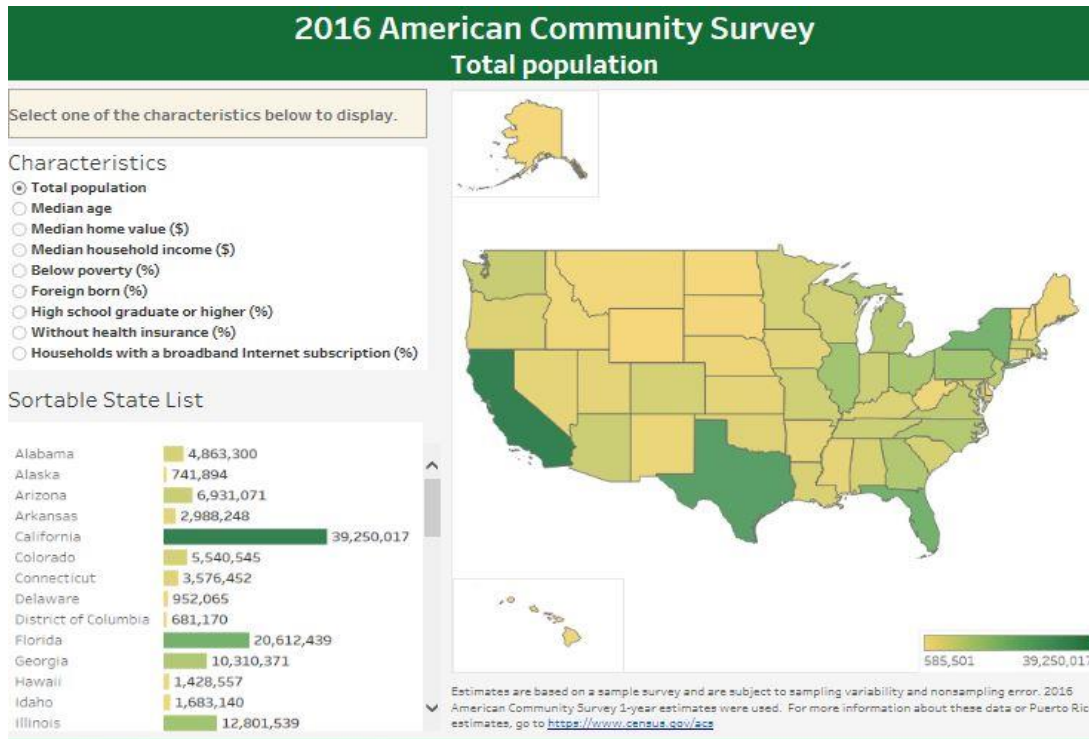
# Census Geography Hierarchy



# Accessing ACS Data Products

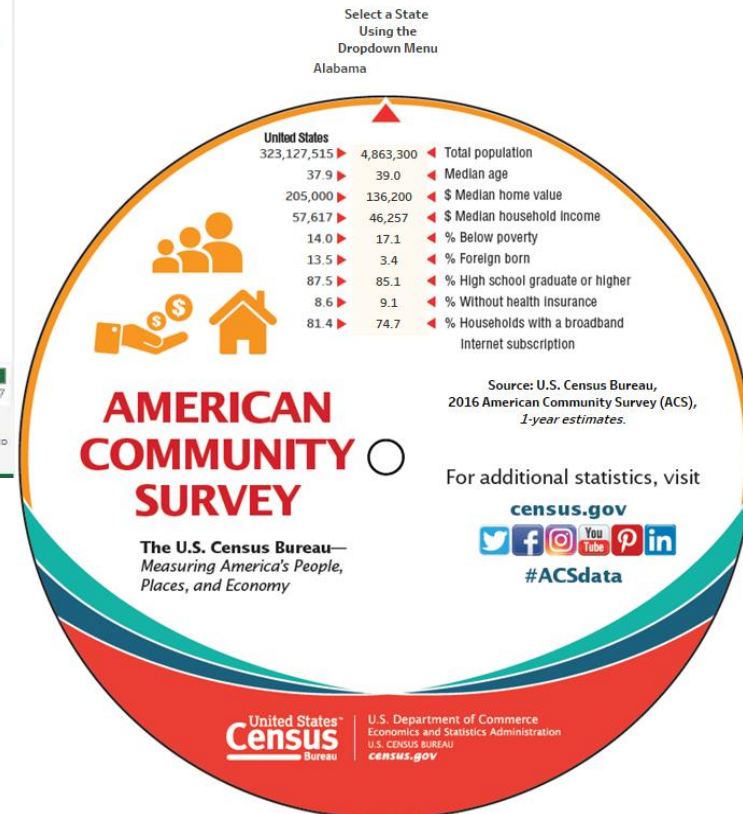


# New Data Visualization Tools



The [Data Wheel Dashboard](#) includes a bar graph and map of the U.S. highlighting ACS characteristics for all 50 states.

The [ACS Data Wheel](#) allows users to explore ACS data for all 50 states.



# ACS Website



U.S. Department of Commerce | Blogs | Index A-Z |

**TOPICS**

Population, Economy

**GEOGRAPHY**

Maps, Products

**LIBRARY**

Infographics, Publications

**DATA**

Tools, Developers

**SURVEYS/PROGRAMS**

Respond, Survey Data

**NEWSROOM**

News, Blogs

**ABOUT US**

Our Research

Search

Census.gov > Our Surveys & Programs > American Community Survey (ACS)

## American Community Survey (ACS)

About the Survey

Respond to the Survey

News & Updates

Data

Guidance for Data Users

Geography & ACS

Technical Documentation

Methodology

Library

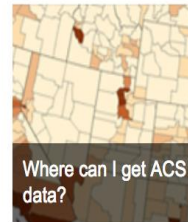
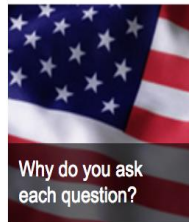
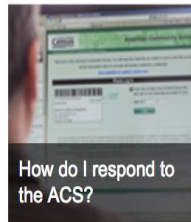
Operations and Administration

Contact Us



Respond to the ACS  
Learn how

The [American Community Survey](#) (ACS) helps local officials, community leaders, and businesses understand the changes taking place in their communities. It is the premier source for detailed population and housing information about our nation.



### Latest



### 2016 Data Release

Learn more about ACS data releases, including the January 18th release of 2012-2016 ACS 5-Year Public Use Microdata Sample files and Variance Replicate Tables.

[census.gov/acs](http://census.gov/acs)



U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU  
census.gov

# Narrative Profiles

## Population and Housing Narrative Profile 2009-2013 American Community Survey 5-Year Estimates

Select a New Geography

While the ACS produces sample-based population group and housing estimates used in this report, the Census Bureau's Population Estimates Program produces and disseminates official estimates of the population for the nation, states, counties, cities and towns, as well as estimates of housing units for states and counties. For more information see: <http://www.census.gov/popest/>

Note that for small geographic areas, the sample used for the Narrative Profile may be small as well. Users are encouraged to examine the detailed tables on [American FactFinder](#) that are associated with the Narrative Profile text. These tables provide additional information on sampling variability associated with the estimates in this report.

### Geography: Pahrump, Nevada

>> Expand All Sections

<< Collapse All Sections

### Households and Families

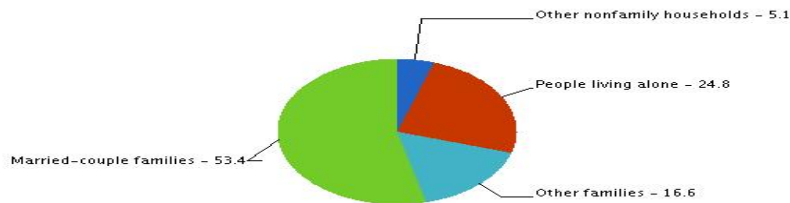
In 2009-2013 there were 14,900 households in Pahrump, Nevada. The average household size was 2.4 people.

Families made up 70 percent of the households in Pahrump, Nevada. This figure includes both married-couple families (53 percent) and other families (17 percent). Of other families, 5 percent are female householder families with no husband present and own children under 18 years. Nonfamily households made up 30 percent of all households in Pahrump, Nevada. Most of the nonfamily households were people living alone, but some were composed of people living in households in which no one was related to the householder.

In Pahrump, Nevada, 25 percent of all households have one or more people under the age of 18; 45 percent of all households have one or more people 65 years and over.

Types of Households in Pahrump, Nevada in 2009-2013

[click graph to view data in table format](#)



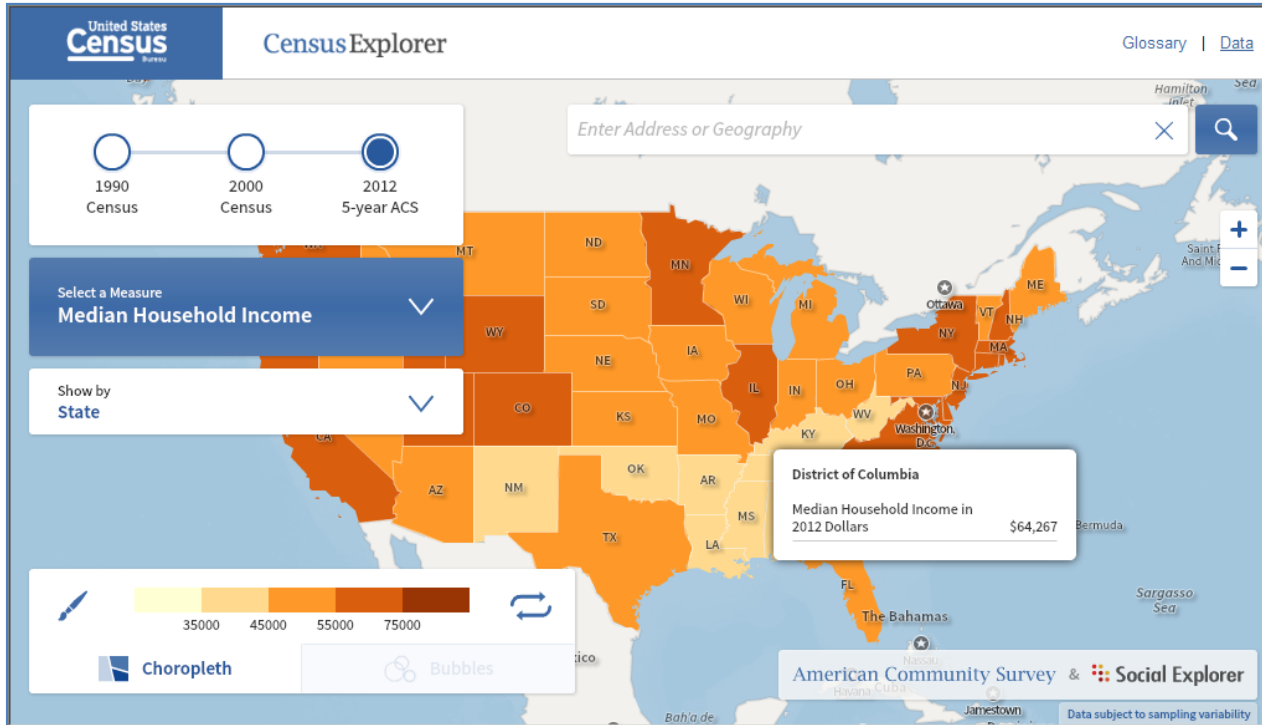
## When to use:

Browse statistics presented as a text-based report with plenty of colorful graphs and charts.

[census.gov/acs/data/data-tables-and-tools/narrative-profiles](http://census.gov/acs/data/data-tables-and-tools/narrative-profiles)



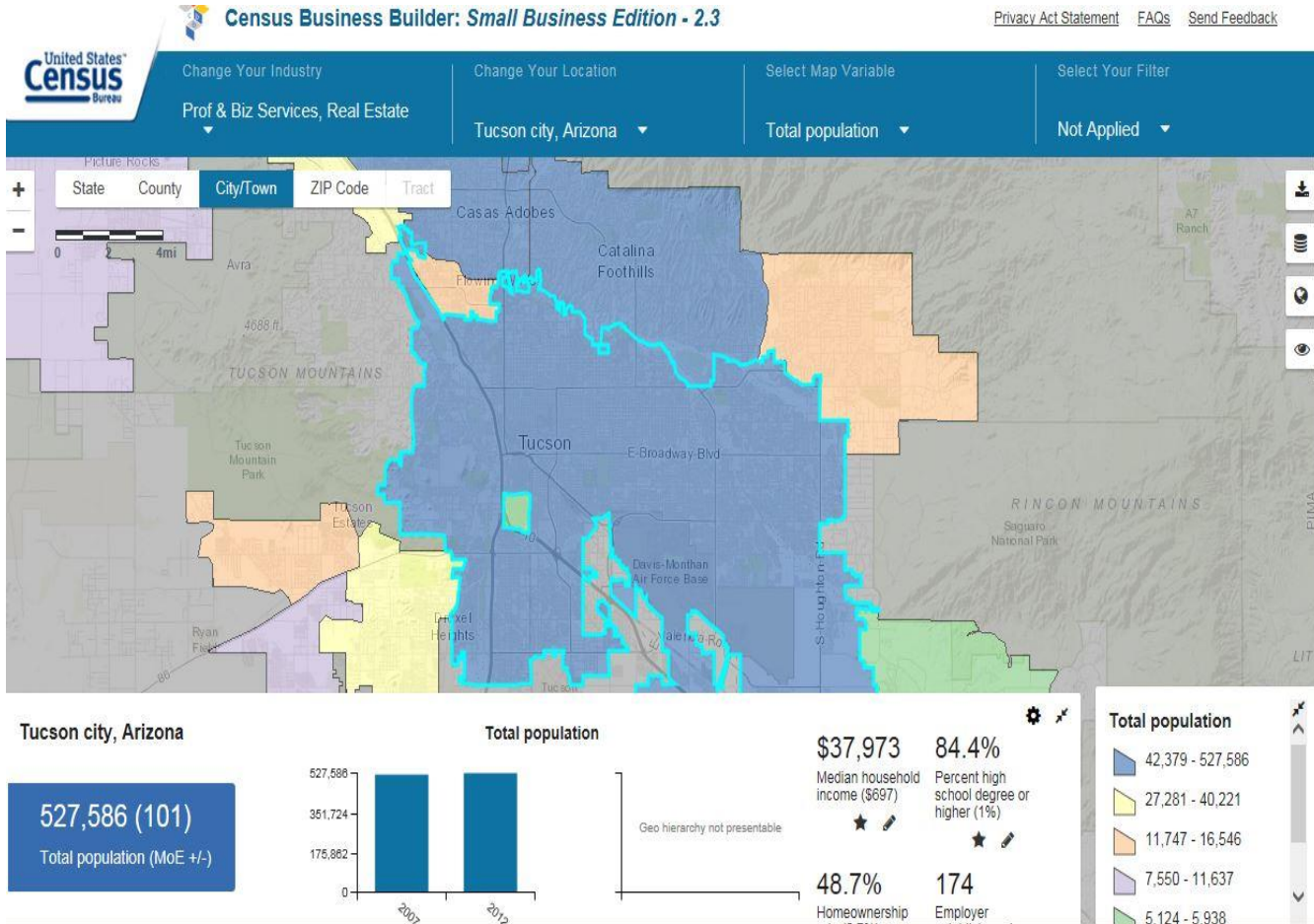
# Census Explorer



**When to use:**  
Explore selected estimates about people, education, income, and commuting in an interactive map to visualize how statistics change over time and across geographies.

[census.gov/censusexplorer](https://census.gov/censusexplorer)

# Census Business Builder



**When to use:**  
Offers prospective business owners selected Census Bureau statistics to guide their research into opening their new business.

[census.gov/data/data-tools/cbb](https://census.gov/data/data-tools/cbb)

# American FactFinder

The screenshot shows the American FactFinder website. At the top, there is a navigation bar with the U.S. Department of Commerce logo, the United States Census Bureau logo, and the American FactFinder title. A search bar is visible with a magnifying glass icon and the word "KANSAS" entered. To the right of the search bar are links for "Feedback", "FAQs", and "Glossary". Below the navigation bar is a main menu with options: "MAIN", "COMMUNITY FACTS", "GUIDED SEARCH", "ADVANCED SEARCH", "DOWNLOAD CENTER", "English", and "Espa". A notification banner states: "The U.S. Census Bureau's newly designed American Community Survey (ACS) website is now available." The main content area is divided into two columns. The left column contains a "Community Facts" section with a description: "Find popular facts (population, income, etc.) and frequently requested data about your community." Below this is a search input field with the text "e.g., Atlanta, GA" and a "GO" button. Further down are links for "Guided Search", "Advanced Search", and "Download Center". The right column features a large image of a smiling young woman in a classroom. Below the image is a "Popular Tables" section with two columns of links. The first column includes "Annual Population Estimates (2014 PEP, PEPANNRES)", "Demographic and Housing Estimates (2013 ACS, DP05)", "General Housing Characteristics (2013 ACS, DP04)", and "General Demographic Characteristics (2010 Census, DP-1)". The second column includes "Poverty and Income" with a link to "General Economic Characteristics (2013 ACS, DP03)", and "Age, Race, Sex and Education" with links to "Selected Social Characteristics (2013 ACS, DP02)" and "Educational Attainment (2013 ACS, S1501)". At the bottom of the page, there is a "News and Notes" section with a date of "June 02, 2015" and a "GET EMAIL UPDATES" button.

**When to use:**  
Search all ACS data for  
all geographies down to  
the block group level

[factfinder.census.gov](http://factfinder.census.gov)

# Application Programming Interface (API)

Census.gov Data Developers

## Developers

About this Section

API Forum

App Gallery

Available APIs

Geography

Guidance for Developers

News

Terms of Service

Updates

The Census Bureau has begun rolling out our datasets via APIs. Check out our [Discovery Tool](#). Sign up for our [newsletter](#) to get the latest updates and newest dataset addition. We also invite you to make requests for features / data via our [forum](#).

[Read More](#)

CITY SDK



MYOM: Make Your Own Maps!



Developers' Forum (Gitter.im)



Join the Mailing List

A video player interface for a tutorial titled 'CitySDK Tutorial with Jeff Meisel'. The video thumbnail shows a city skyline. Below the video are sections for 'Sources', 'Code Examples', and 'Gallery'. The 'Sources' section lists 'The State of the "Building Data" Initiative' and 'New York's Open Data Portal'. The 'Code Examples' section lists 'Using the CitySDK API' and 'Using the CitySDK API with Mapbox'. The 'Gallery' section lists 'Esri', 'The Opportunity Project', and 'The Opportunity Project'.



Latest

[Updates](#)

[Available APIs](#)

[News](#)

### International Trade (Time Series: 2005 - present)

June 02, 2017

The International Trade Datasets provide detailed monthly and annual statistics on trade between the United States and its international trade partners.



# Preview New Data Dissemination on [Data.census.gov](https://data.census.gov)



## Explore Census Data

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

I'm looking for...



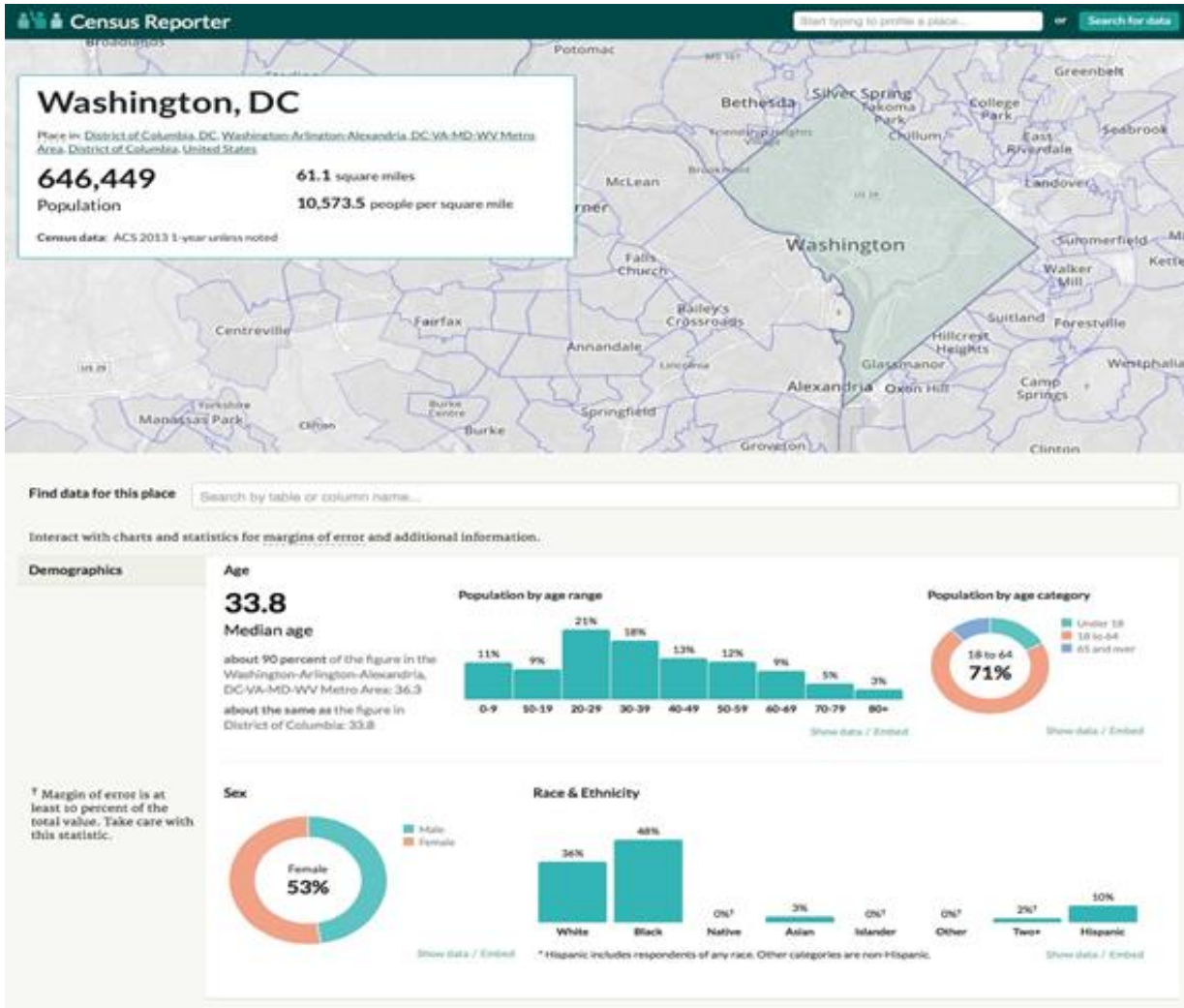
## Help us build this experience

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](mailto:cedsci.feedback@census.gov)

\*For official statistics, continue to use existing data tools on [census.gov](https://census.gov), such as American FactFinder

# Census Reporter



**When to use:**  
Place profiles and comparison pages provide a friendly interface for navigating data, including visualizations for a more useful first look. Census Reporter also offers handy tools for data comparison and makes it easy to create exports for further analysis in tabular or GIS formats.

[censusreporter.org](https://censusreporter.org)

# Source Us!


*U.S. Census Bureau's 2016 American Community Survey*

#ACSdata

@uscensusbureau



**America's Ongoing Love Affair With the Car**  
CityLab - Aug 17, 2015  
But the latest report on commuting habits from the U.S. Census Bureau ... is based on data from the 2013 American Community Survey (ACS).



**DataHaven**  
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DYK about [@uscensusbureau](#) [#ACSdata](#):  
300K address interviews/month  
>300 fed uses, \$400B/yr allocated based on  
11 billion estimates  
[#acsconf17](#)



# Continue the Conversation #ACSdata



Sign up for and manage alerts at  
<https://public.govdelivery.com/accounts/USCENSUS/subscriber/new>



More information on the  
American Community Survey:  
<https://www.census.gov/acs>



Census (Non-media inquiries)  
800-923-8282

Public Information Office (Media)  
301-763-3030



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[linkedin.com/company/us-census-bureau](https://linkedin.com/company/us-census-bureau)

# Resources: Need Assistance?

U.S. Census Bureau  
Data Dissemination Specialist (DDS)



**Eric Coyle**

**(702) 236-3202**

[eric.a.coyle@census.gov](mailto:eric.a.coyle@census.gov)



**Additional Assistance:**

**Toll-free number:**

**1-844-ASK-DATA (1-844-275-2342)**

[census.askdata@census.gov](http://census.askdata@census.gov)

# Questions?

