

Exploring Census Data Webinar Series: Webinar #4 – Geographies

An Overview of Census Bureau Economic Geographic Areas

**For audio, dial: 888-469-1572
Passcode: 4405817#**

June 16, 2020

Presented by: **Andrew W. Hait and Caleb Hopley**

US Census Bureau



Exploring Census Data Webinar Series

- Monthly webinars on key topics
- Follows real-life use cases
- Presented by Census subject matter experts
- Includes Q&A
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Exploring Census Data Webinar Series

Topic:

Date:

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Economic Geography

June 16, 2020

Emerging Technologies

July 21, 2020

New Businesses


August 11, 2020

Hidden Gems


September 22, 2020

SAVE THE DATE: All webinars are **FREE** and start 2:00pm, ET. No registration required – Log in details will be provided 24-48 hours prior to the event. For more information, please contact the Data User & Trade Outreach Branch at 800-242-2184 or ewd.outreach@census.gov

Objectives



Raise awareness of the geographic areas published in the Economic Census and other Census Bureau business programs



Train users on how best to use Census Bureau data published on these geographic areas and how they relate to the geographic areas published in other Census programs

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

- To obtain an archived copy, visit [census.gov](https://www.census.gov) / Explore Data / Census Academy
- Find stories and free visualizations under 'Library'



Outline

I. About the Census Bureau

II. Economic Census Geographies

- **States**
- **Metro Areas**
- **Counties**
- **Economic Places**
- **Other Geographic Areas**
- **Geographic Change Resources**

III. ACS Geographies

- **Which geographic areas are the same**
- **Which ones are different (similar)**
- **Which ones are unique to Census demographic programs**

Check Out Census Data in Action!

America Counts: Stories Behind the Numbers

We feature stories on various topics such as families, housing, employment, business, education, the economy, emergency preparedness, and population.

America Counts: Stories Behind the Numbers –
<https://www.census.gov/library/stories.html>



About the Census Bureau

- The U.S. Census Bureau is the federal government's largest statistical agency.
- We conduct more than 130 censuses and surveys each year, including
 - **The Decennial Census** – the once-a-decade population and housing count of the United States
 - **The American Community Survey** – the ongoing annual survey of the nation's population
 - **The Economic Census** – the official five-year measure of American business
 - **The Census of Governments** – identifies the scope and nature of the nation's state and local government sector
- Our mission is to serve as the leading source of quality data about America's people, places, and economy.

Decennial Population
and Housing Census
Every 10 years

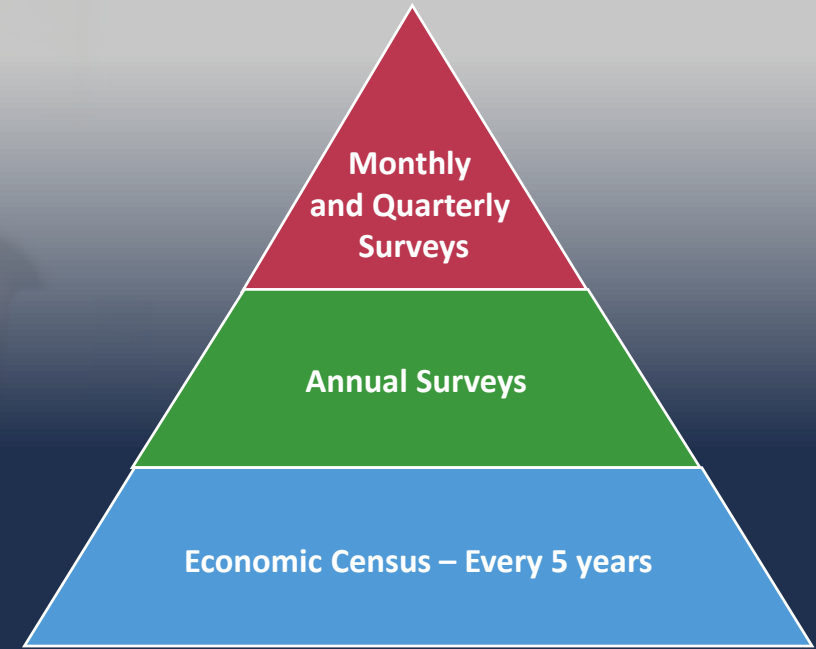
Economic Census
Every 5 years

Census of Governments
Every 5 years

American Community Survey
Annual

Annual Retail Trade
Annual

Plus more than 130
demographic and economic surveys
every year



Census Economic Surveys

- Census Bureau Economic Surveys are a key source for official statistics companies can use:
 - Monthly and Quarterly are small sample surveys that provide the most **TIMELY** data available
 - Annual surveys have larger samples and provide the most up-to-date **TREND** data available
 - Every 5 years, the Economic Census measures all businesses and provides the most **COMPREHENSIVE** data available
- These surveys set the standard for U.S. economic statistics, and are fueled by the data provided by individual businesses

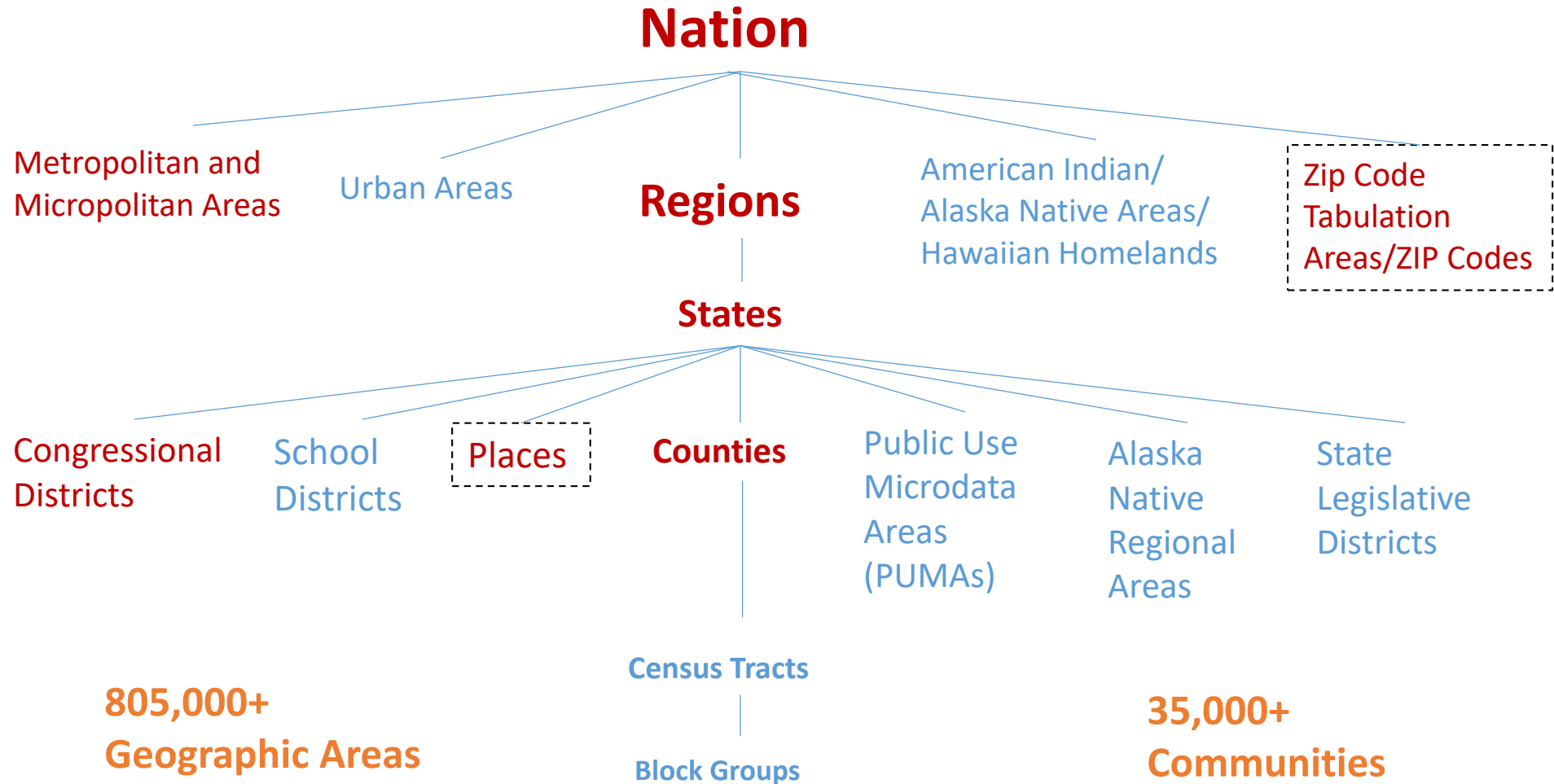
Key Census Bureau Terms

- NAICS (North American Industry Classification System)
 - Our primary data dimension
- Establishments (vs. Companies, Firms, etc.)
 - Our collection/tabulation level
- Employers (vs. Nonemployers)
 - Most programs only cover employer businesses
 - Nonemployers: self-employed individuals
- U.S. Code Title 13 and 26
 - Protects business privacy and confidentiality



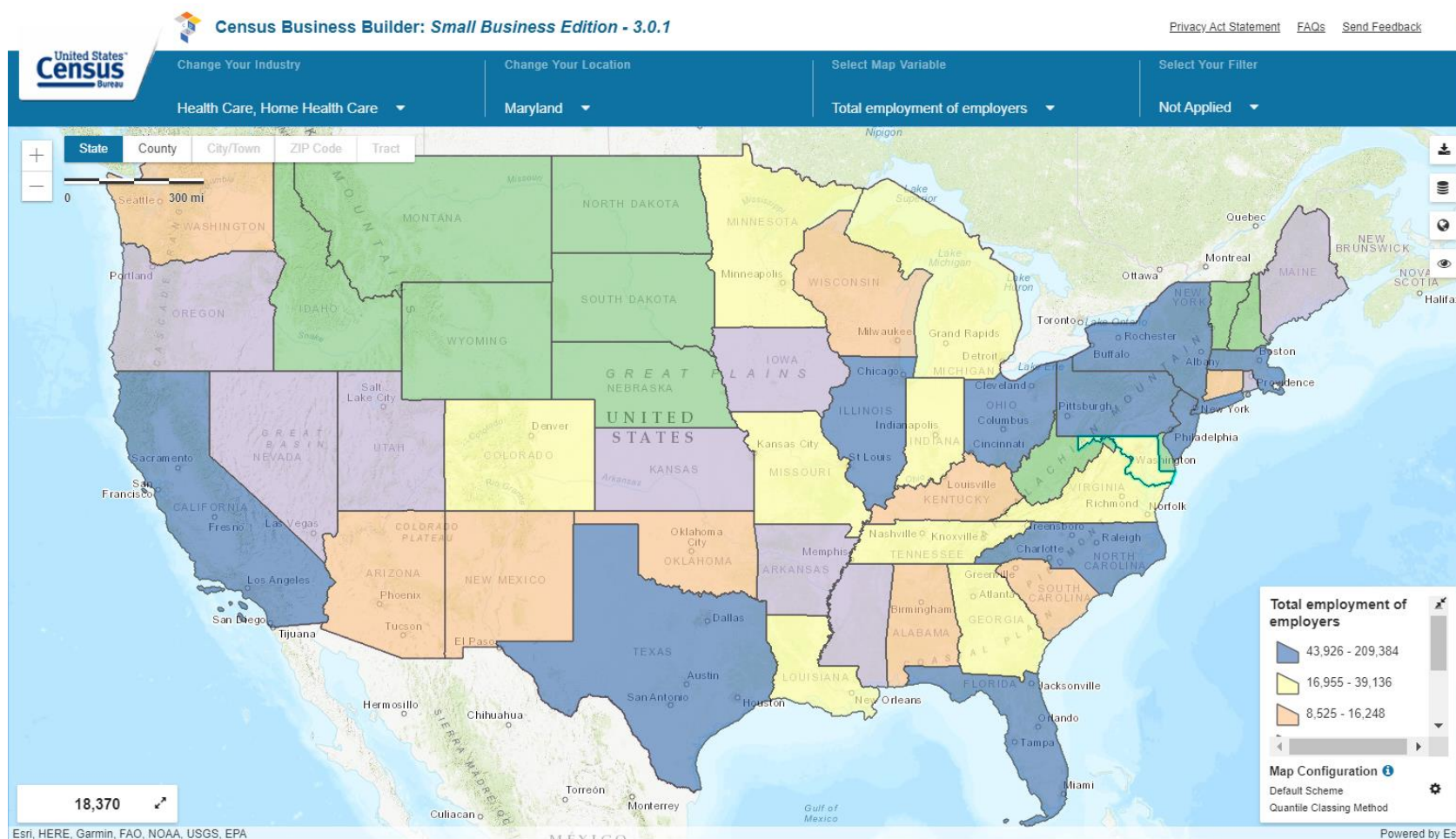
Census Bureau Geographies

Selected Census Bureau Geographic Concepts



Economic Geographies

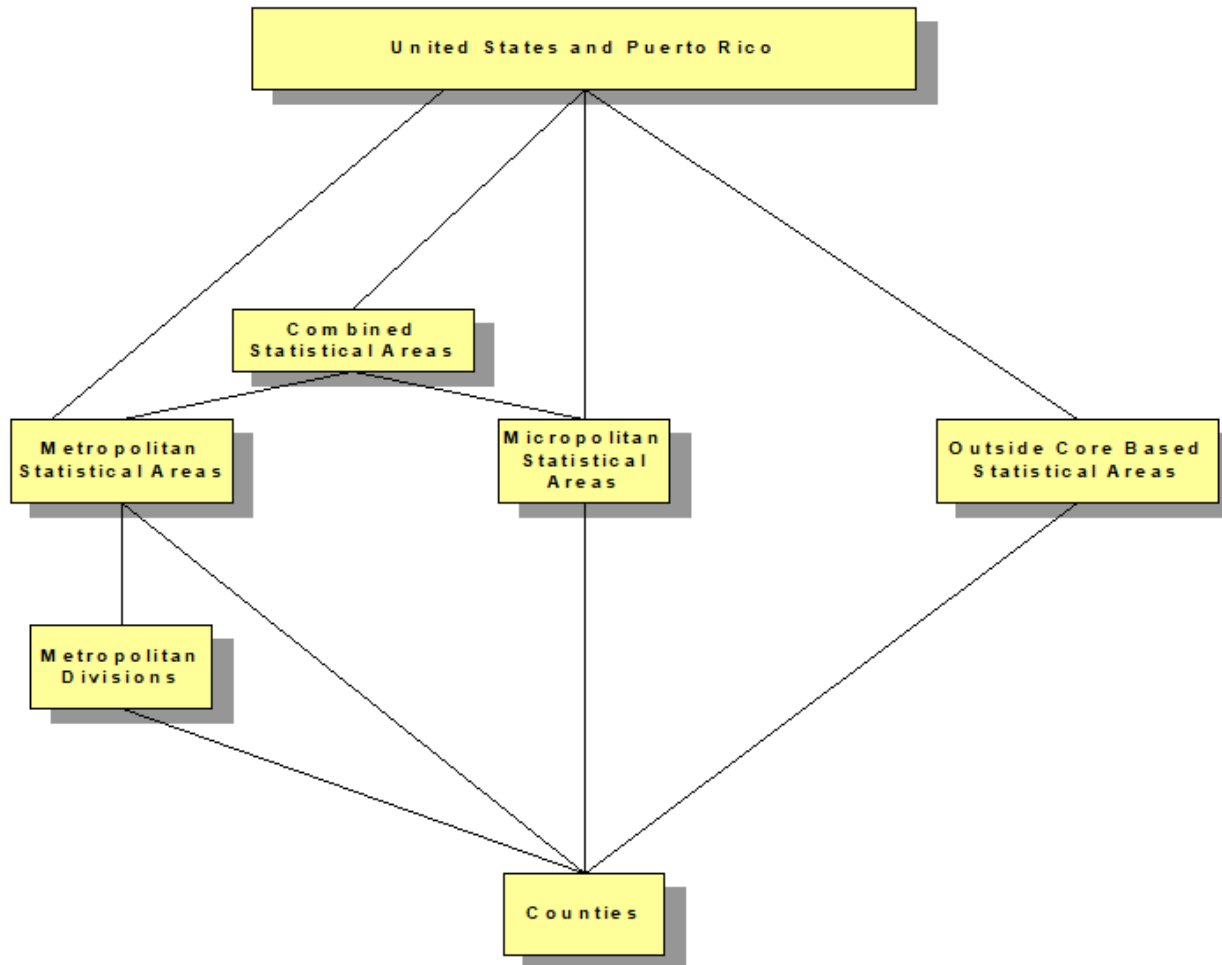
States



Home Health Care employment by State: 2017

- **EC** covers data for
 - The 50 U.S. States
 - The District of Columbia
 - Also breakout for
 - Metro and non-metro portion of the state
- **ECIA** covers data for
 - American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, Puerto Rico, and the US Virgin Islands
- **Boundaries** don't typically change (and haven't added any for a long time...)

Core Based Statistical Area Classification



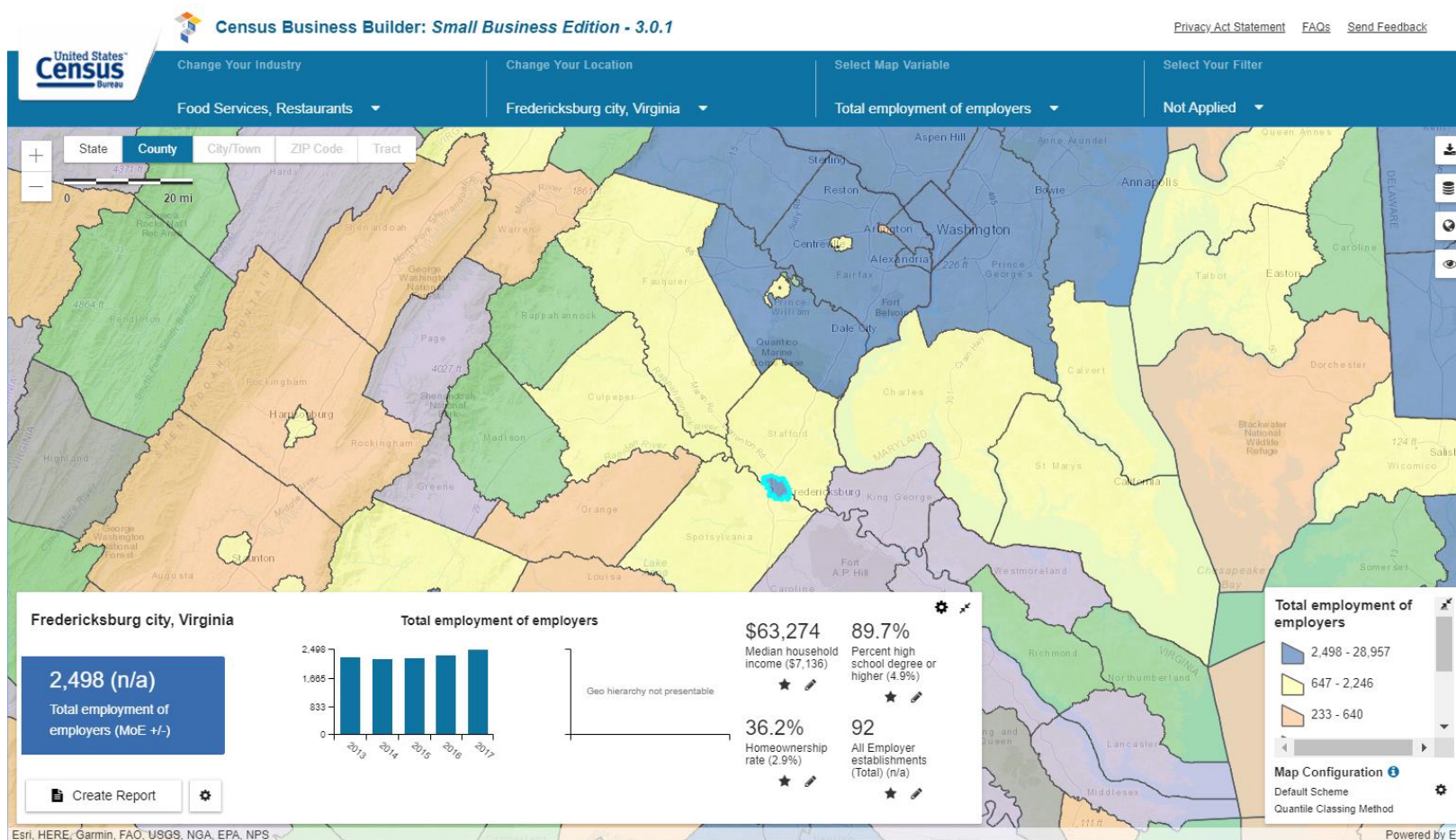
Oddities: CFS Areas... more about this later

- "Metro Areas" include:
 - CSAs
 - Metros
 - Micros
 - Metro Divisions
- Also have state parts of metros
- All are built from Counties
- **Boundaries periodically change**
 - 2017 EC metros as of 12/31/2016

Example

- Los Angeles CSA
 - LA MeSA
 - Anaheim MD
 - LA MD
 - Oxnard MeSA
 - Riverside MeSA

Counties



Restaurant employment by County: 2017 (with focus on Fredericksburg city, VA)

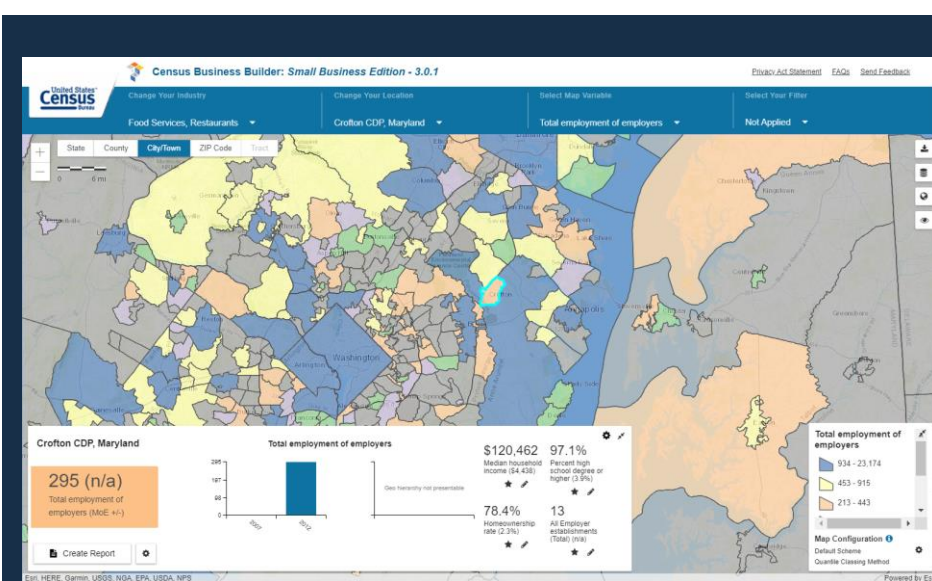
Include

- Counties
- Independent Cities (like Baltimore city)
- County equivalents
 - Parishes in LA, Census Areas in AK
- For Island Areas
 - Municipios in PR
 - Islands in USVI
- "Statewide" counties (CBP)

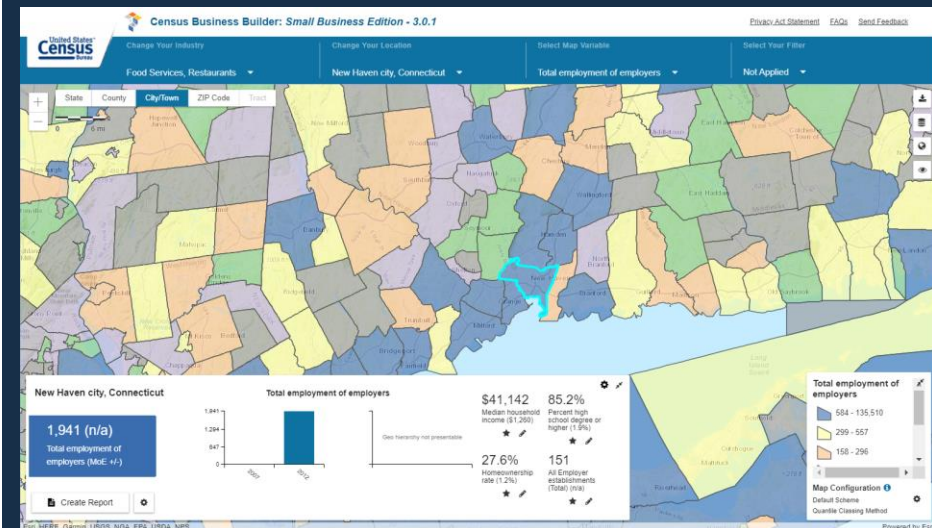
Boundaries CAN CHANGE

Economic Places

- **Include**
 - Incorporated cities, towns, villages, boroughs (municipalities)
 - Unincorporated areas (CDPs)
 - MCDs in New England states plus MI, MN, & WI
 - "Balance of County" places
 - Not the same as "Remainder of county"
 - Part-places (county parts of cross-over places)
 - Size cutoff: 2,500+ pop and/or jobs
- **Boundaries OFTEN CHANGE**
- Though not actually "places", EC also publishes data for Consolidated Cities



MD Places (including Crofton CDP)



CT Places (including New Haven city)

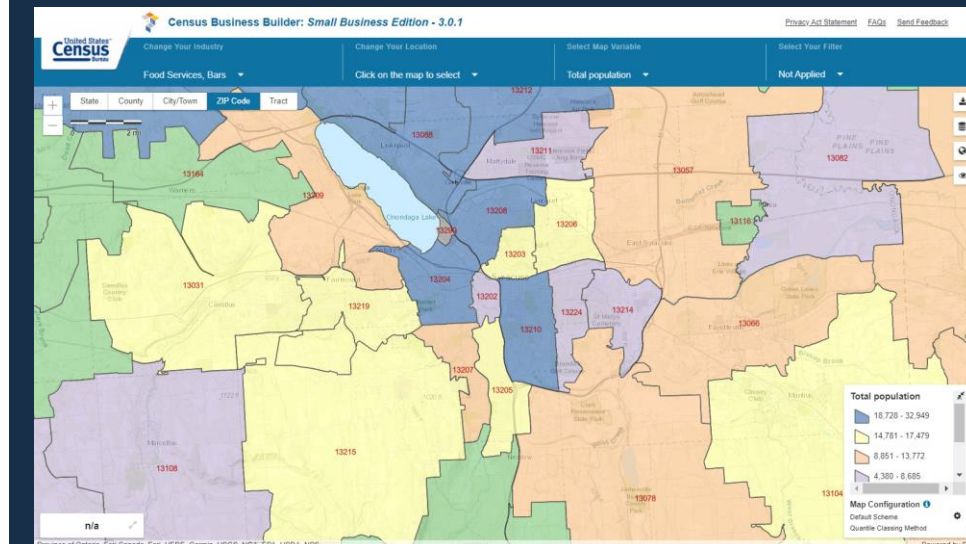
Other Geographic Areas

- **Regions and Divisions**
 - 4 Regions
 - 9 Divisions
 - In EC, published for the Construction sector only
- **PR Commercial Regions**
- **Offshore Areas**
 - In EC, Mining only
- **ZIP Codes**
 - Not (quite) the same as ZCTAs
 - In ZBP, exclude PO Box and single business ZIPs
 - USPS can change monthly
- For the Commodity Flow Survey: CFS Areas

Census Regions and Divisions



Syracuse NY area ZIP Codes



Economic Census Coverage by NAICS Sector

Sector	U.S./States	Metro Areas	Counties	Places
Mining	X			
Utilities	X	X	X	X
Construction	X			
Manufacturing	X	X	X	
Wholesale Trade	X	X	X	X
Retail Trade	X	X	X	X
Transportation and Warehousing	X	X	X	X
Information	X	X	X	X
Finance and Insurance	X	X	X	X
Real Estate and Rental and Leasing	X	X	X	X
Professional, Scientific, and Technical Services	X	X	X	X
Management of Companies and Enterprises	X			
Administrative and Support and Waste Management and Remediation Services	X	X	X	X
Educational Services	X	X	X	X
Health Care and Social Assistance	X	X	X	X
Arts, Entertainment, and Recreation	X	X	X	X
Accommodation and Food Services	X	X	X	X
Other Services (Except Public Administration)	X	X	X	X

Census Bureau Business Surveys, Censuses, and Programs by Geography

Geography	Survey, Program, or Census																																									
	ABS	ACES	ACS	ARTS	ASE	ASM	AWTS	BDS	BPS	BRDIS	CAPACITY	CBP	CFS	CIR	CNH	CONSPEND	EC	ECIA	ERETAIL	E-STAT	EXPORTER	ICT	J2J	LODES	M3	MARTS	MECS	MEPS	MFGEXP	MHS	MWTS	NES	NRESCON	NRESSALE	QFR	QSS	QWI	SAS	SBO	SUSB		
National	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
State	X		X		X	X		X	X			X	X				X	X					X	X	X	X	X					X	X			X		X	X	X		
Metro Area	X		X					X	X			X					X	PR						X								X					X		X	X	X	
County	X		X						X			X					X	X						X								X					X		X			
Place	X		X						X								X	X						X																X		
ZIP Code			X									X					X							X																		
Other			X										X		X									X						X			X					X				

ABS (Coming Soon)	Annual Business Survey	EXPORTER	Profile of US Importing and Exporting Companies
ACES	Annual Capital Expenditures Survey	ICT (Discontinued)	Information and Communication Technology Survey
ACS	American Community Survey	J2J	Job-to-Job Flows
ARTS	Annual Retail Trade Survey	LODES	LEHD Origin-Destination Employment Statistics
ASE	Annual Survey of Entrepreneurs	M3	Manufacturers' Shipments, Inventories, and Orders
ASM	Annual Survey of Manufactures	MARTS	Monthly Retail Trade Survey
AWTS	Annual Wholesale Trade Survey	MECS	Manufacturing Energy Consumption Survey
BDS	Business Dynamics Statistics (SIC-based)	MEPS	Medical Expenditure Panel Survey
BPS	Building Permits Survey	MFGEXP	Exports from Manufacturing
BRDIS	Business Research and Development and Innovation Survey	MHS	Manufactured Housing Survey
CAPACITY	Quarterly Survey of Plant Capacity Utilization	MWTS	Monthly Wholesale Trade Survey
CBP	County Business Patterns	NES	Nonemployer Statistics
CFS	Commodity Flow Survey	NRESCON	New Residential Construction Survey
CIR (Discontinued)	Current Industrial Reports	NRESSALE	New Residential Sales Survey
CNH	Characteristics of New Housing	QFR	Quarterly Financial Report
CONSPEND	Construction Spending Survey (Value of Construction Put in Place)	QSS	Quarterly Services Survey
EC	Economic Census	QWI	Quarterly Workforce Indicators
ECIA	Economic Census of Island Areas	SAS	Services Annual Survey
ERETAIL	Retail e-Commerce	SBO	Survey of Business Owners
E-STAT	e-Commerce Statistics	SUSB	Statistics of US Businesses

Geographic Changes

Continually change, but only implemented for the economic programs every Economic Census year (boundaries locked in for intra-Census years)

Occur due to:

- Annexations or detachments
- Incorporations or Disincorporations
- Treaties, executive & court orders, etc.
- Definition changes (i.e. metro areas)

Change Resources

<https://www.census.gov/programs-surveys/economic-census/geographies.html>

- Change Notes
(<https://www.census.gov/programs-surveys/economic-census/geographies/change-notes.html>)
- TIGERWeb Econ
(<https://tigerweb.geo.census.gov/tigerwebecon/>)
- Geographic Areas Reference File (see "U.S." under Change Notes)

2017 vs. 2012 Florida Metro Areas and Their County Components

TITLE	Notes	CSA code	MSA code	MD code	ST code	COUNTY code
Pensacola-Ferry Pass, FL-AL CSA	New combined Statistical Area, comprised of a new Micro Area, and a 2012 Metro Area	426	00000	99999	00	000
Atmore, AL Micro Area	New Micro Area	426	12120	99999	01	000
Escambia County	Non-metro in 2012	426	12120	99999	01	053
Pensacola-Ferry Pass-Brent, FL Metro Area	2012 Metro Area that previously did not belong to a CSA	426	37860	99999	12	000
Escambia County	Not in a CSA in 2012	426	37860	99999	12	033
Santa Rosa County	Not in a CSA in 2012	426	37860	99999	12	113

2017 Economic Census			
Economic Place Changes from 2012 to 2017 for: Florida			
Added Places		(Cross-over place parts highlighted in blue)	
COUNTY Code	TITLE	PLACE Code	TITLE
011	Broward County	61807	Roosevelt Gardens CDP
		75225	Washington Park CDP
017	Citrus County	33958	Inverness Highlands North CDP
021	Collier County	74235	Verona Walk CDP
043	Glades County	46550	Moore Haven city
055	Highlands County	38625	Lake Placid town
061	Indian River County	78225	Winter Beach CDP
075	Levy County	42787	Manatee Road CDP
086	Miami-Dade County	74575	Virginia Gardens village
087	Monroe County	06350	Big Coppitt Key CDP
095	Orange County	04150	Bay Lake city
		78050	Windermere town
097	Osceola County	09875	Campbell CDP
101	Pasco County	13965	Connerton CDP
Dropped Places			
COUNTY Code	TITLE	PLACE Code	TITLE
017	Citrus County	32375	Homosassa CDP
051	Hendry County	28925	Harlem CDP
065	Jefferson County	46500	Monticello city
071	Lee County	01125	Alva CDP
075	Levy County	11925	Chiefland city
		16175	Dade City North CDP
101	Pasco County	79231	Zephyrhills North CDP
103	Pinellas County	27360	Greenbriar CDP
117	Seminole County	25750	Geneva CDP
127	Volusia County	16975	De Leon Springs CDP

2017 Economic Census - GeoNotes File for Florida

(List of all newly-recognized places for the 2017 Economic Census and all places with any change from the 2012 Economic Census)

2017				2012			Description of Change (2012 to 2017)
Economic Place Long (LSAD) Name	ECPLACE Code	COUNTY code	COUNTY Name	Economic Place Long (LSAD) Name	ECPLACE Code	COUNTY code	
Alachua city	00375	001	Alachua County	Alachua city	00375	001	Area Gain
Altamonte Springs city	00950	117	Seminole County	Altamonte Springs city	00950	117	Area Gain
Apopka city	01700	095	Orange County	Apopka city	01700	095	Area Gain
Arcadia city	01750	027	DeSoto County	Arcadia city	01750	027	Area Gain
Asbury Lake CDP	02187	019	Clay County	Asbury Lake CDP	02187	019	Area Gain
Auburndale city	02550	105	Polk County	Auburndale city	02550	105	Area Gain
Avon Park city	02750	055	Highlands County	Avon Park city	02750	055	Area Gain
Bagdad CDP	02925	113	Santa Rosa County	Bagdad CDP	02925	113	Area Gain
Bartow city	03675	105	Polk County	Bartow city	03675	105	Area Gain
Bay Lake city	04150	095	Orange County	Balance of Orange County	98095	095	New Economic Place
Bayonet Point CDP	04162	101	Pasco County	Bayonet Point CDP	04162	101	Area Gain
Bay Pines CDP	04200	103	Pinellas County	Bay Pines CDP	04200	103	Area Gain
Bellair-Meadowbrook Terrace CDP	05025	019	Clay County	Bellair-Meadowbrook Terrace CDP	05025	019	Area Loss
Belle Glade city	05200	099	Palm Beach County	Belle Glade city	05200	099	Area Gain
Bellevue city	05375	083	Marion County	Bellevue city	05375	083	Area Gain
Big Coppitt Key CDP	06350	087	Monroe County	Balance of Monroe County	98087	087	New Economic Place
Bithlo CDP	06625	095	Orange County	Bithlo CDP	06625	095	Area Gain
Bonifay city	07450	059	Holmes County	Bonifay city	07450	059	Area Loss
Bonita Springs city	07525	071	Lee County	Bonita Springs city	07525	071	Area Gain
Boynton Beach city	07875	099	Palm Beach County	Boynton Beach city	07875	099	Area Gain
Bradenton city	07950	081	Manatee County	Bradenton city	07950	081	Area Gain
Brent CDP	08300	033	Escambia County	Brent CDP	08300	033	Area Loss
Brooksville city	08800	053	Hernando County	Brooksville city	08800	053	Area Gain

American Community Survey

American Community Survey

- The nation's most current, reliable, and accessible data source for local statistics on critical planning topics such as age, children, veterans, commuting, education, income, and employment
- Surveys 3.5 million addresses and informs over \$675 billion of Federal government spending each year
- Covers 40+ topics, supports over 300 evidence-based Federal government uses, and produces 11 billion estimates each year

Three key annual data releases:

1-year Estimates:

Population of 65,000 or more

1-year Supplemental Estimates:

Population of 20,000 or more

5-year Estimates:

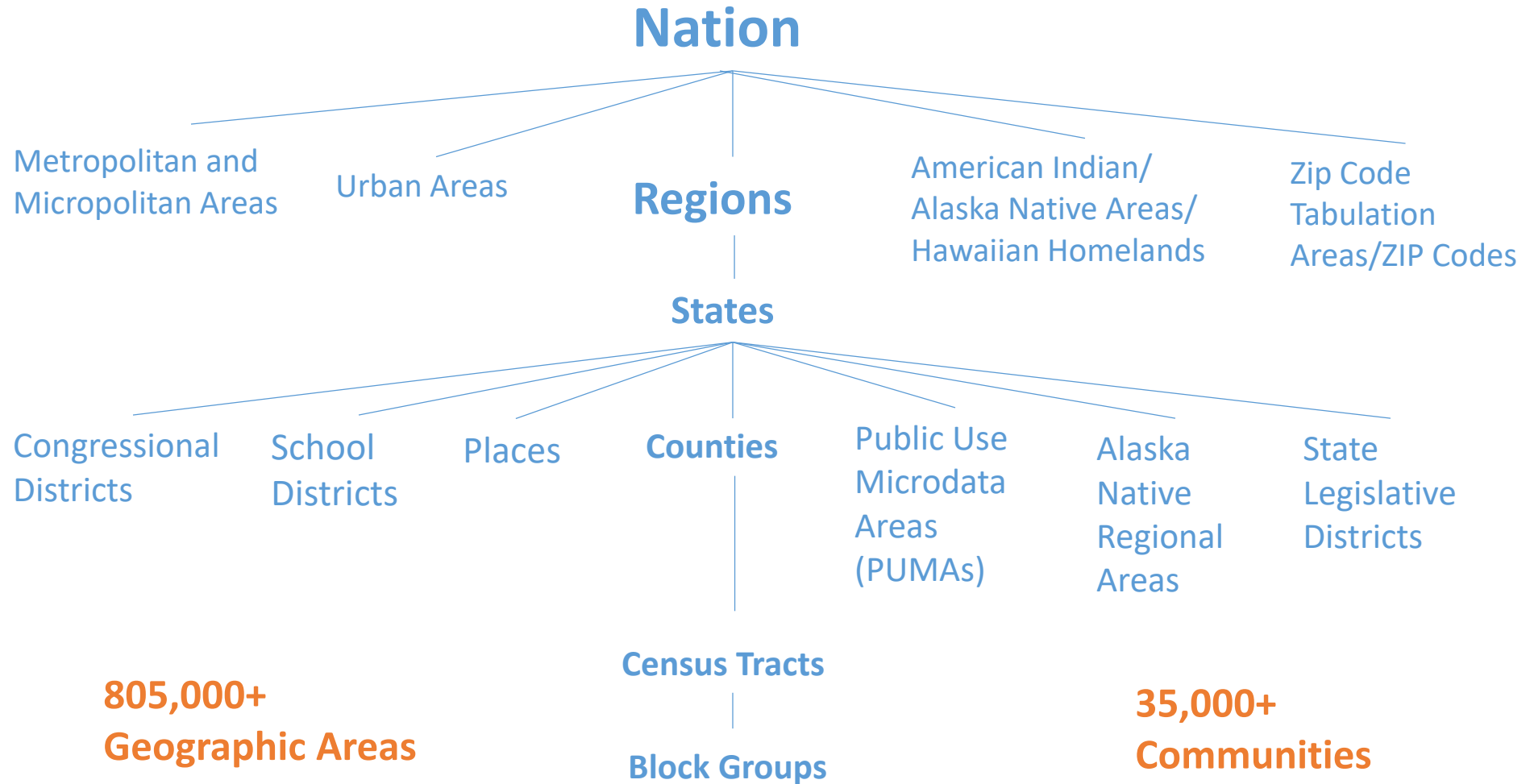
No population threshold

(Source: 2014-2018 ACS 5-Year Estimates)

Content Overview

POPULATION		HOUSING
SOCIAL Ancestry Citizenship Citizen Voting Age Population Disability Educational Attainment Fertility Grandparents Language Marital Status Migration School Enrollment Veterans	DEMOGRAPHIC Age Hispanic Origin Race Relationship Sex	Computer & Internet Use Costs (Mortgage, Rent, Taxes, Insurance) Heating Fuel Home Value Occupancy Plumbing/Kitchen Facilities Structure Tenure (Own/Rent) Utilities Vehicles Year Built/ Year Moved In
	ECONOMIC Class of Worker Commuting Employment Status Food Stamps (SNAP) Health Insurance Hours/Week, Weeks/Year Income Industry & Occupation	

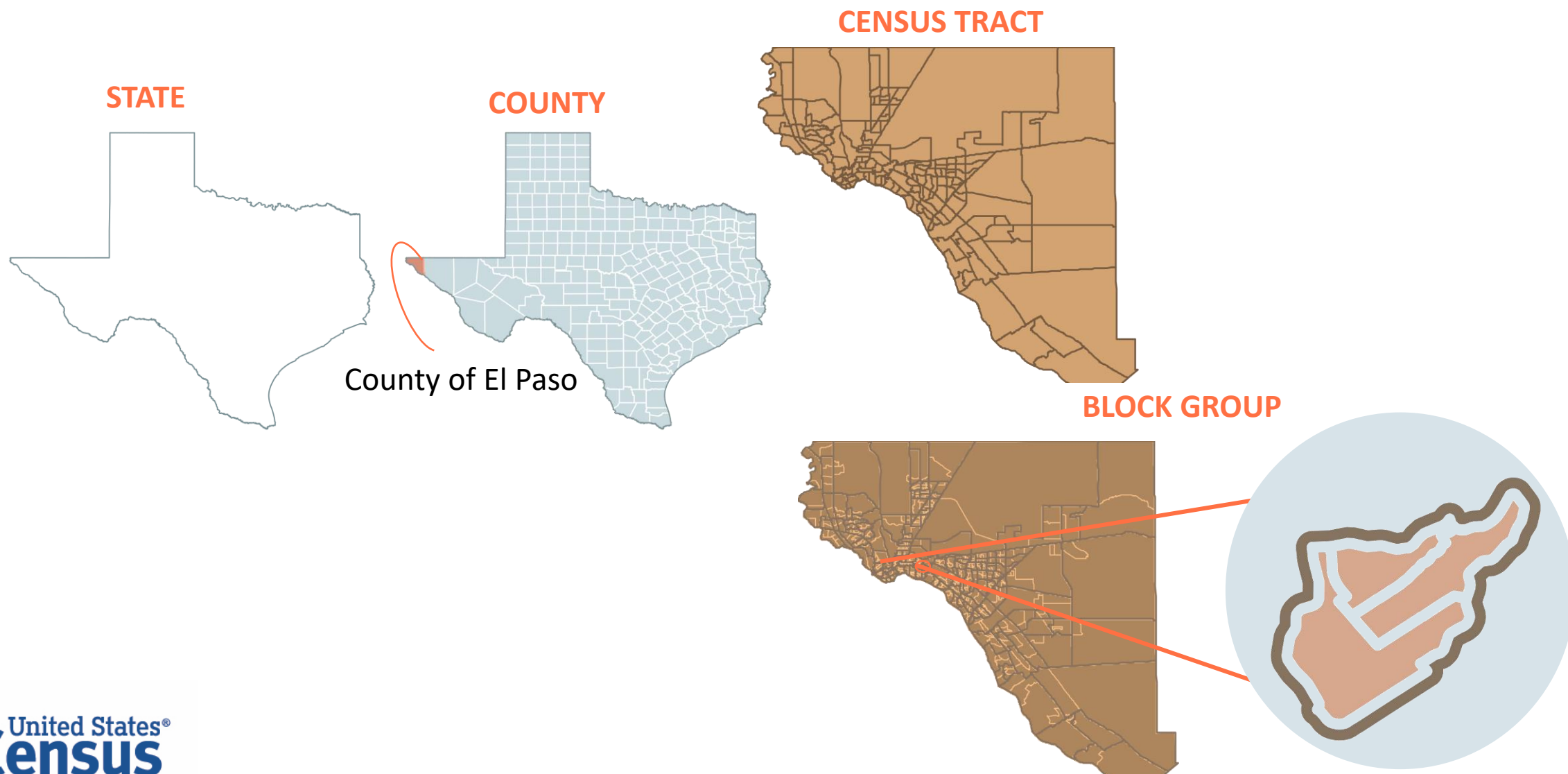
Selected Census Bureau Geographic Concepts



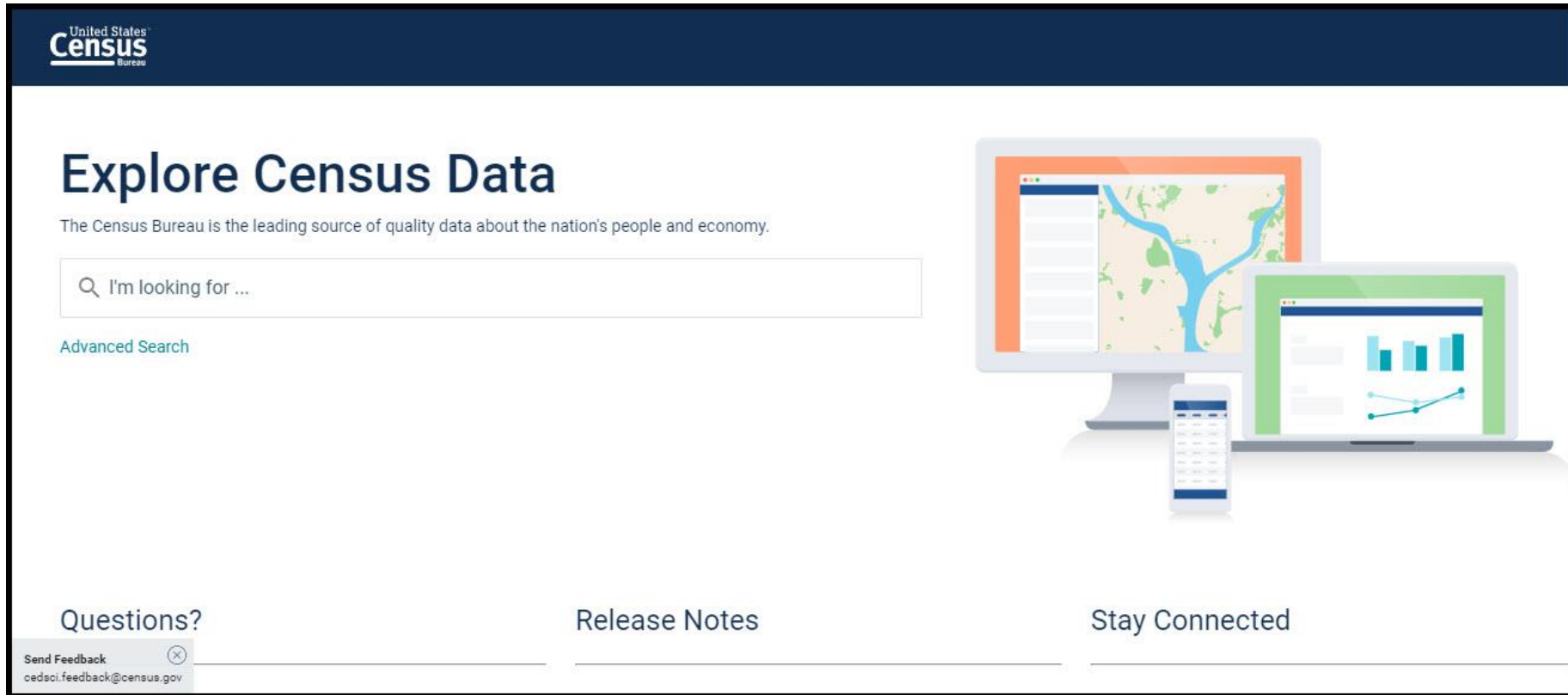
Geographic Differences between Census Economic Programs and the American Community Survey

	Economic Programs	ACS
<i>Places / Economic Places</i>	Economic Places	Places
<i>ZCTAs / ZIP Codes</i>	ZIP Codes	ZCTAs
<i>Tribal Geographies</i>	Tribal Businesses	Tribal Areas
<i>Public Geographies</i>	Schools and Governments themselves	School Districts, Congressional Districts, State Legislative Districts
	N/A	Census Tracts, Urban/Rural, PUMAs

Selected Census Geographic Concepts

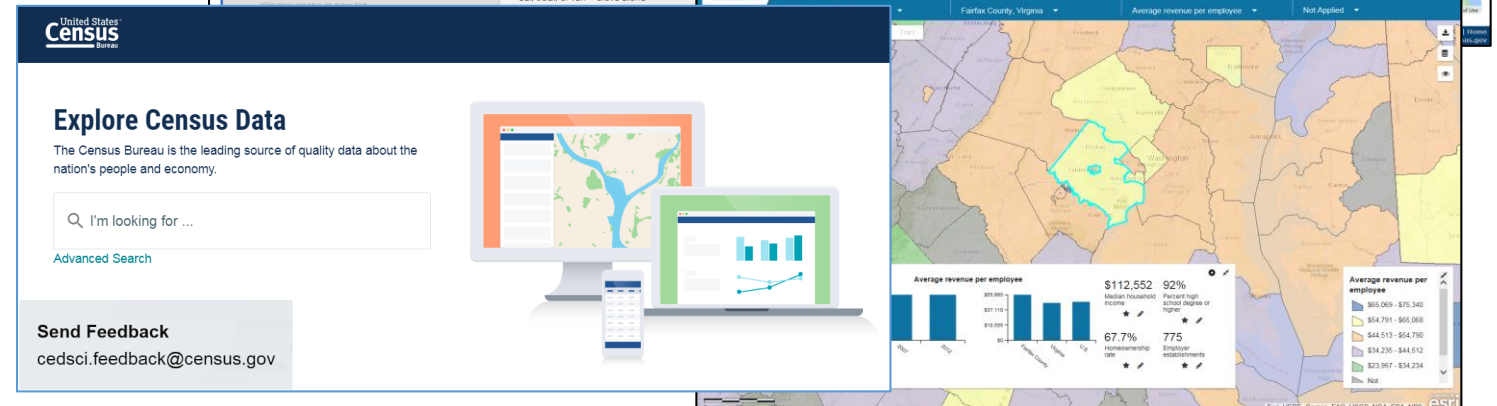
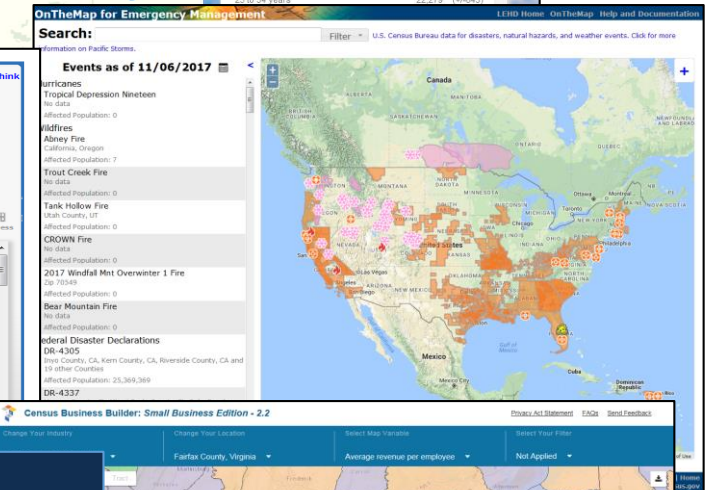
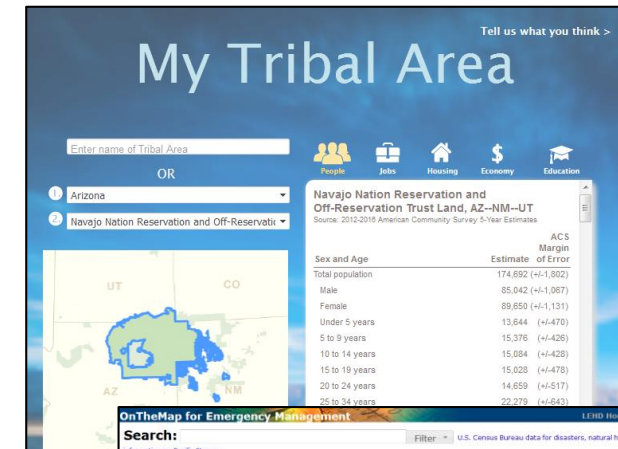
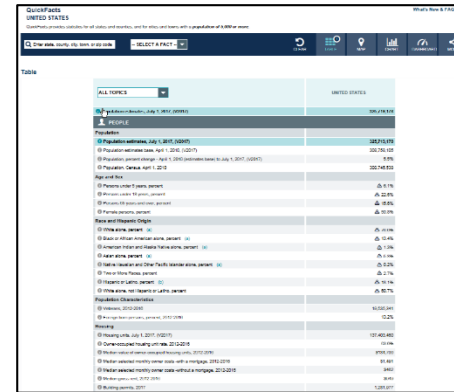


Quick Live Demo



Selected Ways to Access Data

- QuickFacts
- My Congressional District
- My Tribal Area
- OnTheMap for Emergency Management
- Census Business Builder
- TIGER/Line Shapefiles w/ Selected Demographic Data
- Application Programming Interface (API)
- data.census.gov



Considerations for ACS Data

- Demographic/Household Based Survey
- All Types of Workers
 - Employer Businesses
 - Self-Employed
 - Government
- Most ACS tables are based on where someone lives
- Geographic levels based on dataset (1-Year and 5-Year Estimates)
- Industry Breakout Using Census Codes, not NAICS

The American Community Survey

Continue the Conversation



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



Social media: @uscensusbureau



More information online:
<https://www.census.gov/acs>



acso.users.support@census.gov



Census Customer Service Center
800-923-8282



Source Us:

*U.S. Census Bureau's [YYYY – YYYY] American
Community Survey
[1/3/5]-year [estimates/statistics/data release]*

Data Tell Stories. Tell us Yours!

ECONOMY |
 GEOGRAPHY
Maps, Products |
 LIBRARY
Infographics, Publications |
 DATA
Tools, Developers |
 SURVEYS/PROGRAMS
Respond, Survey Data

American Community Survey

Share Your ACS Data Story

We want to hear about how you use American Community Survey (ACS) data!

Did you or your organization use the ACS to make an important decision, hire new employees, open/expand a business, etc? If so, we are eager to learn more about how you used ACS data in action. Share your story by completing the fields below to help us showcase the value of the ACS.

Need help getting started? Check out featured examples from our current stories of [ACS data stories](#).



* Indicates a required field

Your Story *

Tell us how you use ACS data.

Outcome *

Tell us about any outcomes or decisions that you or your organization have made based on ACS data. For example: selecting a location for a \$250 million department store distribution center that brought 4,000 jobs to Denver, CO.

Your story

Your data details

Your outcome

census.gov/acs/www/share-your-story

Q & A and Thank You!

Contact Information:

Andrew W. Hait

Andrew.W.Hait@Census.gov

ACSO Data User Support

acso.users.support@census.gov

For detailed questions concerning the 2020 Decennial, contact:

301-763-INFO or 800-923-8282

To schedule additional training with a Census Data Dissemination

Specialist in your area, please call **844-Ask-Data**

Or email us at: census.askdata@census.gov



Reference Materials

North American Industry Classification System (NAICS)

www.census.gov/eos/www/naics

- A hierarchical classification system that groups establishments into industries based on the business activities in which they are primarily engaged.
- A comprehensive system covering the entire field of business activities.
- Used to collect, tabulate, analyze, and disseminate statistics.
- A common language used among the United States, Canadian, and Mexican statistical agencies
- Updated every five years

NAICS Hierarchy

Level	Code	Description
Sector	51	Information
Subsector	515	Broadcasting (except Internet)
Industry Group	5151	Radio and Television Broadcasting
Industry	51511	Radio Broadcasting
U.S. Industry	515112	Radio Stations

