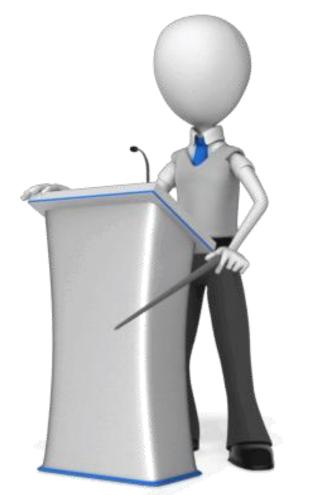


A Comprehensive Look

Noelia Ana Moussignac Data Dissemination Specialist



The American Community Survey Agenda





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



American Community Survey (ACS) basics Accessing ACS data products

))).

Demonstration of ACS data tools

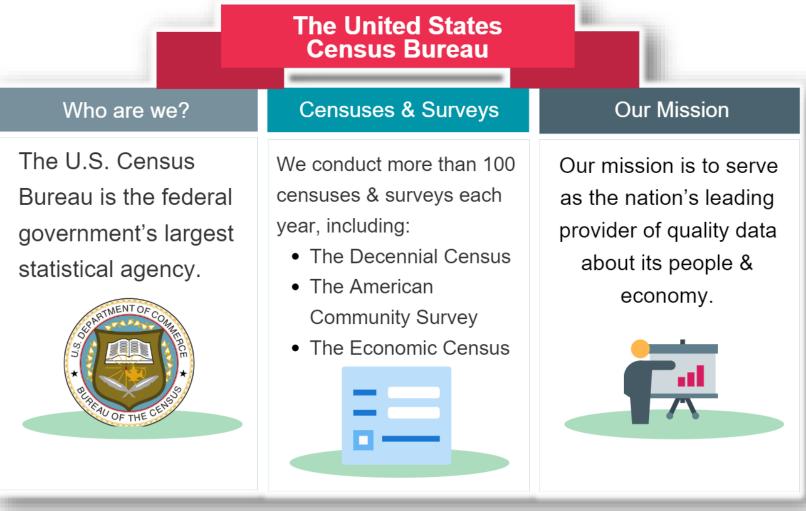




Resources for learning more

Questions

The American Community Survey About the U.S. Census Bureau







The American Community Survey The Foundation

The American Community Survey is on the leading edge of survey design, continuous improvement, & data quality.

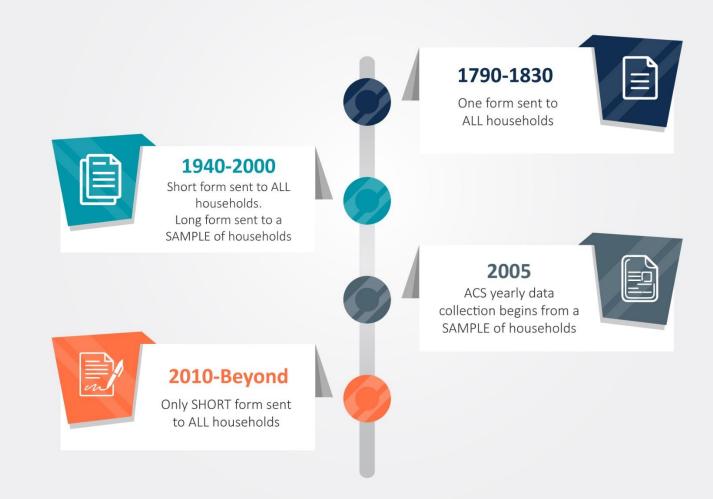
- The nation's most current, reliable, & accessible data source for local stats on critical planning topics
- Surveys 3.5 million addresses & informs over \$2.8 trillion of Federal government spending each year
- Covers 40+ topics, supports over 300 evidence-based Federal government uses, & produces 11 billion estimates each year
- Three key annual data releases:
 - 1-year Estimates (for large populations)
 - 1-year Supplemental Estimates (for small populations)
 - 5-year Estimates (for very small populations)



The American Community Survey

History

EVOLUTION OF THE DECENNIAL CENSUS





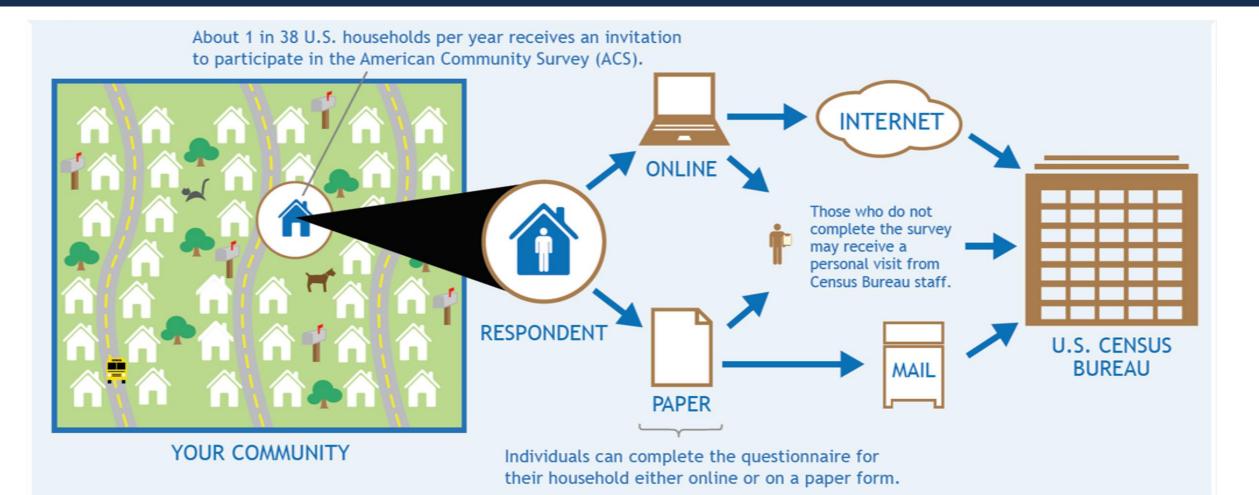
The American Community Survey

How is the American Community Survey Different from a Census?

	ACS	Census
Purpose	Sample estimates	Official counts
Collects	Detailed social, economic, housing, & demographic characteristics	Basic demographics
Produces	Population & housing characteristics	Population & housing totals
New Data Every	Year	10 years
Data Reflect	Period of time	Point in time

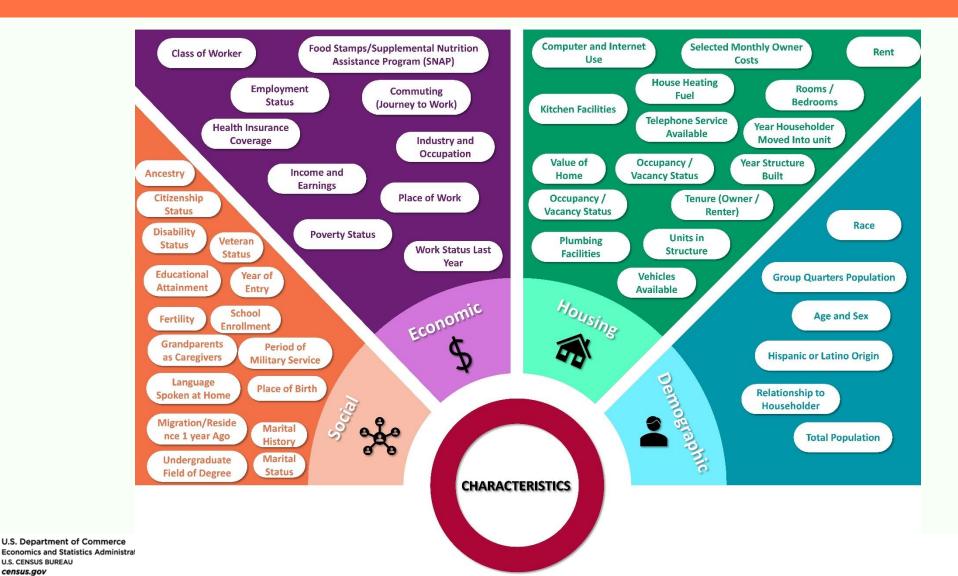


The American Community Survey How is the American Community Survey Different from a Census?





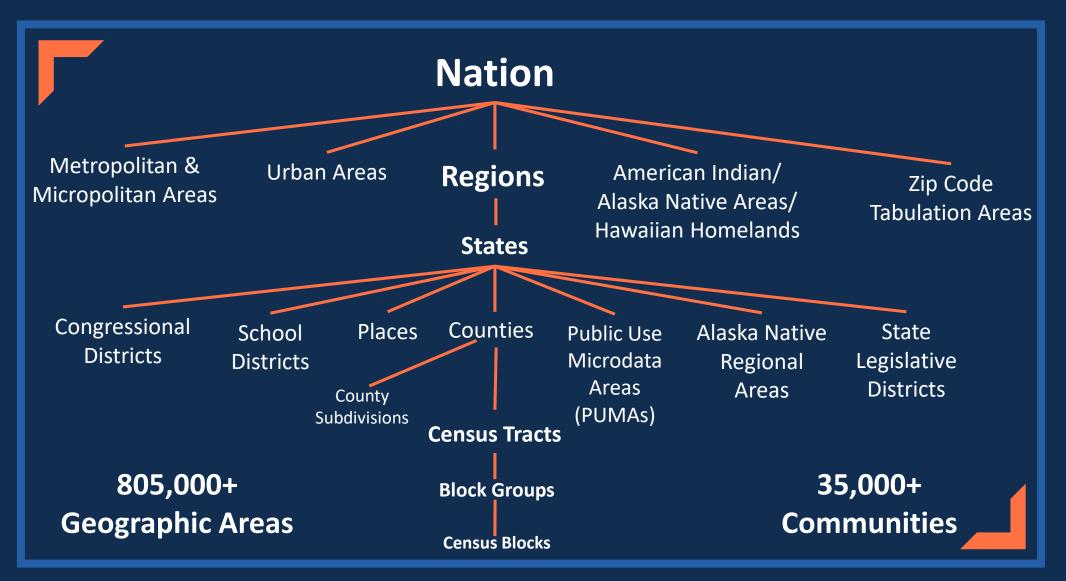
The American Community Survey **Content Overview**



Census Bureau

U.S. CENSUS BUREAU census.gov

The American Community Survey

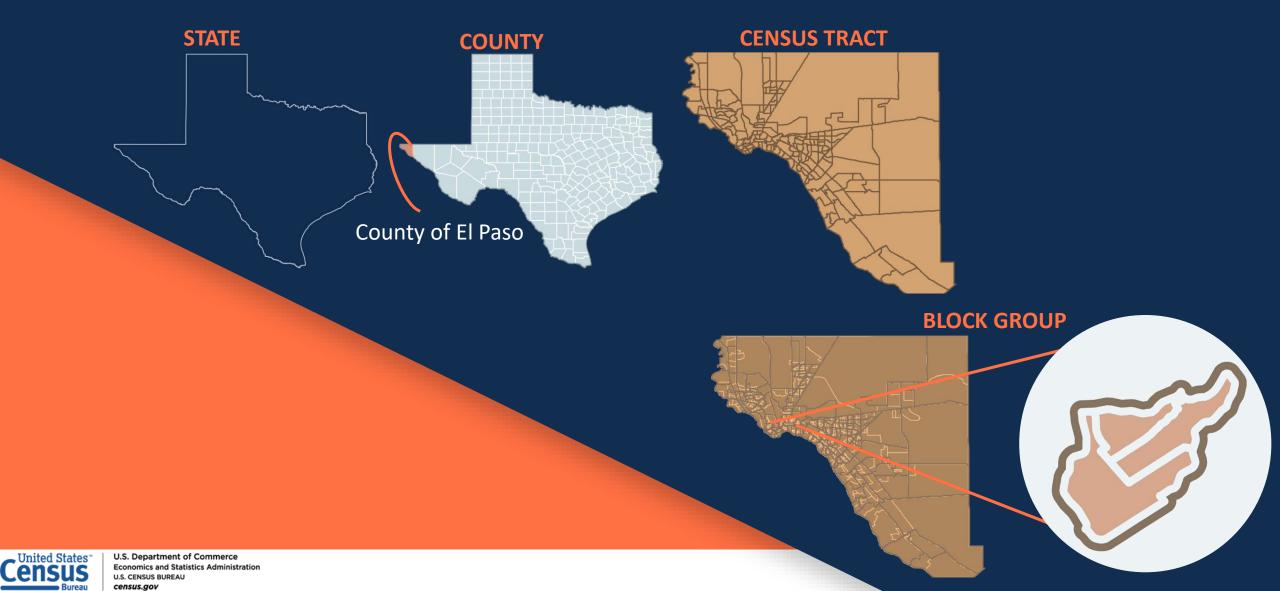


Selected Census Geographic Concepts

Census Rureau

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The American Community Survey Selected Census Geographic Concepts



The American Community Survey Data Products

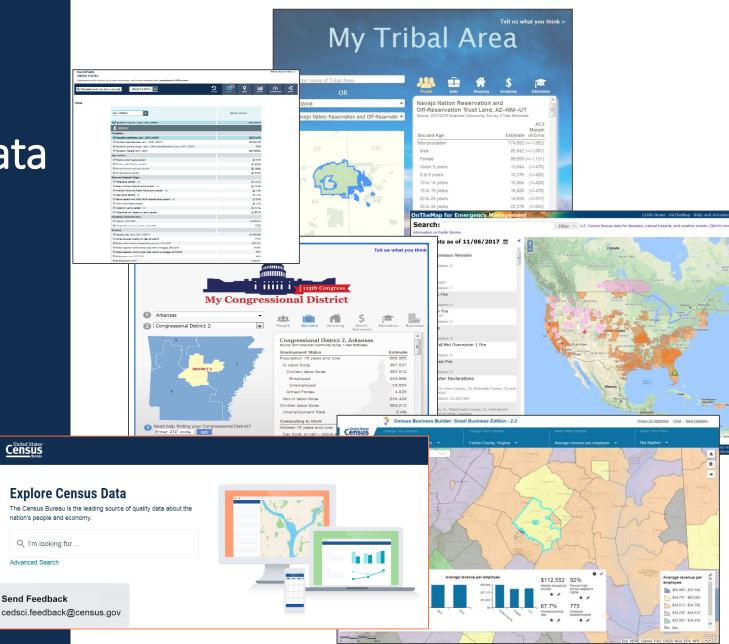
Data Availability					
Estimated Population of Geographic Area	1-Year Estimates	1-Year Supplemental Estimates	5-Year Estimates		
65,000 or more	\bigcirc	\bigcirc			
20,000 to 64,999	* * * * * * * * * * * *				
Less than 20,000		· · · · · · ·	\odot		

census.gov/programs-surveys/acs/news/data-releases.html



The American Community Survey 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





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

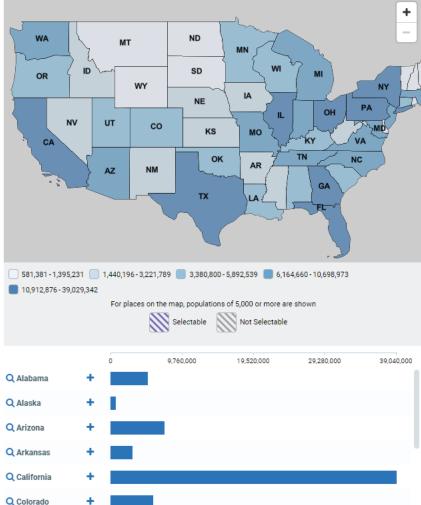
census.gov/data/data-tools.html

The American Community Survey QuickFacts

	Population Estimates,
All Topics	United States
Population Estimates, July 1, 2022, (V2022)	Δ 333,287,557
PEOPLE	
Population	
Population Estimates, July 1, 2022, (V2022)	▲ 333,287,557
Population estimates base, April 1, 2020, (V2022)	▲ 331,449,520
Population, percent change - April 1, 2020 (estimates base) to July 1, 2022, (V2022)	▲ 0.6%
Population, Census, April 1, 2020	331,449,281
Population, Census, April 1, 2010	308,745,538
Age and Sex	
Persons under 5 years, percent	▲ 5.6%
Persons under 18 years, percent	▲ 21.7%
Persons 65 years and over, percent	▲ 17.3%
Female persons, percent	▲ 50.4%
Race and Hispanic Origin	
White alone, percent	▲ 75.5%
Black or African American alone, percent (a)	▲ 13.6%
American Indian and Alaska Native alone, percent (a)	▲ 1.3%
Asian alone, percent (a)	▲ 6.3%
Native Hawaiian and Other Pacific Islander alone, percent (a)	▲ 0.3%
Two or More Races, percent	▲ 3.0%
Hispanic or Latino, percent (b)	▲ 19.1%
White alone, not Hispanic or Latino, percent	▲ 58.9%
Population Characteristics	
O Veterans, 2017-2021	17,431,290
Foreign born persons, percent, 2017-2021	13.6%
Housing	
A Developmenter Juliu 1, 0000 (1/0000)	140 704 455

Dashboard - United States

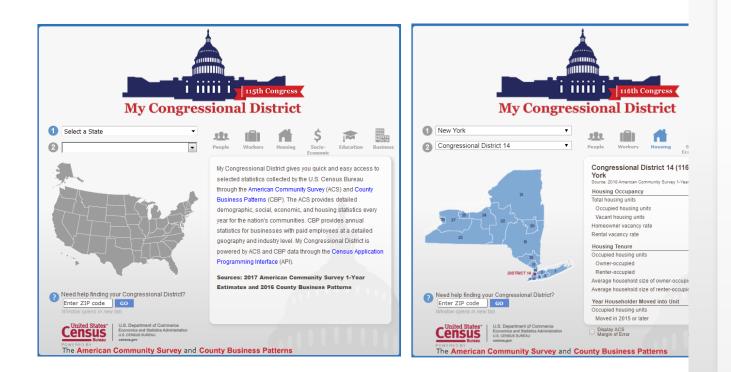
Population Estimates, July 1, 2022, (V2022)



census.gov/quickfacts



The American Community Survey My Congressional District



census.gov/mycd



Congressional District 14 (116th Congress), New York				
Source: 2018 American Community Survey 1-Year Estimates				
Housing Occupancy	Estimate			
Total housing units	267,609			
Occupied housing units	244,262			
Vacant housing units	23,347			
Homeowner vacancy rate	1.6%			
Rental vacancy rate	2.0%			
Housing Tenure	Estimate			
Occupied housing units	244,262			
Owner-occupied	77,963			
Renter-occupied	166,299			
Average household size of owner-occupied unit	2.96			
Average household size of renter-occupied unit	2.77			
Year Householder Moved into Unit	Estimate			
Occupied housing units	244,262			
Moved in 2015 or later	32,013			
=	ownload Ind Share			



The American **Community Survey**

My Tribal Area

People Jobs Housin
People Jobs Housin
Shinnecock Reservation (
Source: 2014-2018 American Community S
Sex and Age
Total population
Male
Female
Under 5 years
5 to 9 years
10 to 14 years
15 to 19 years
20 to 24 years
25 to 34 years
35 to 44 years
85 years and over
45 to 54 years 55 to 59 years 60 to 64 years 65 to 74 years 75 to 84 years
75 to 84 years
85 years and over Display ACS Margin of Error
-





\$

Economy

Shinnecock Reservation (state), NY Source: 2014-2018 American Community Survey 5-Year Estimates

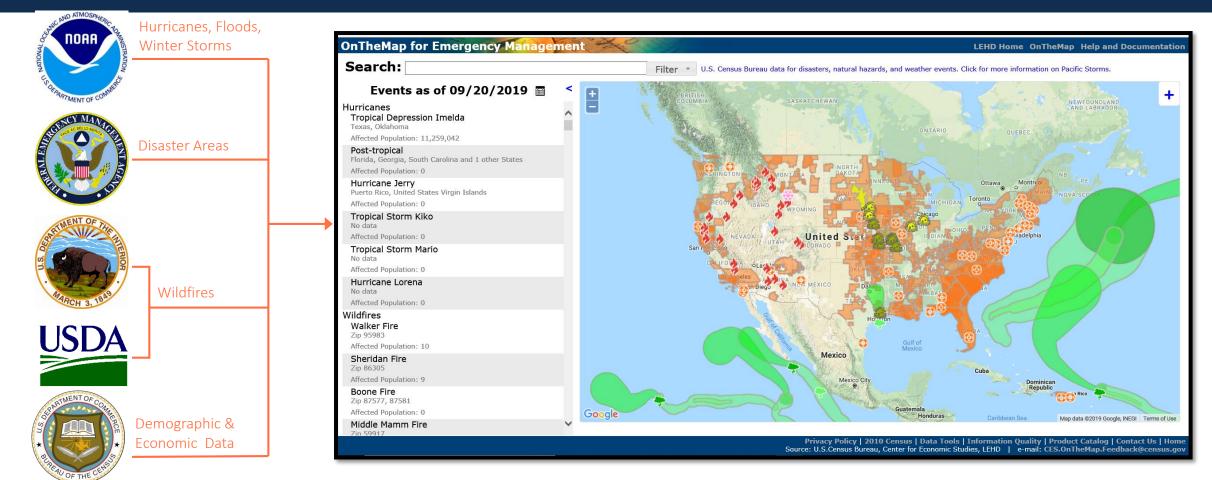
	AC: Margir	_
Sex and Age	Estimate of Erro	
Total population	16 (+/-20)
Male	13 (+/-16)
Female	3 (+/-6)
Under 5 years	0 (+/-12))
5 to 9 years	0 (+/-12))
10 to 14 years	0 (+/-12))
15 to 19 years	0 (+/-12))
20 to 24 years	0 (+/-12))
25 to 34 years	4 (+/-7)
35 to 44 years	0 (+/-12))
45 to 54 years	0 (+/-12))
55 to 59 years	3 (+/-6))
60 to 64 years	5 (+/-8)
65 to 74 years	4 (+/-7)
75 to 84 years	0 (+/-12))
85 years and over	0 (+/-12) 🔻
Display ACS Margin of Error		nioad Share

. United States

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census.gov/tribal

The American Community Survey On The Map for Emergency Management



onthemap.ces.census.gov/em/



The American Community Survey Census Business Builder

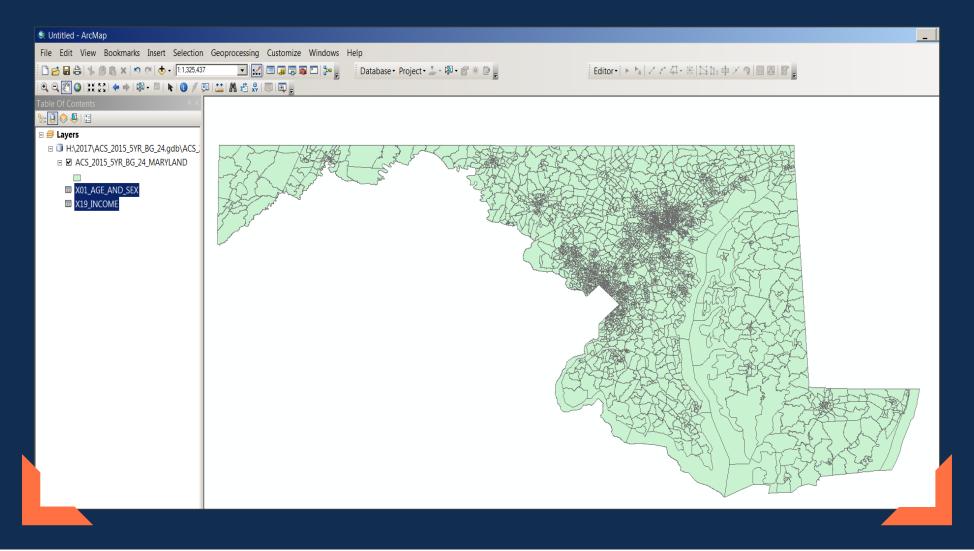
Census Business Bu	uilder					[] FULLS	SCREEN 🛨 DOWNLOAD 🕜	HELI
Custom Industries All Sectors			Percent population 16 years and or ercent under 5 years	ver in labor force		∽ 🍸 0 filte	ers	
Naples city, Florida								
ate Metro County City/Town Z	ZIP Code Tract				1. 1.			(
					North Naples	Wine yard:		
								i.
							Golden	
Region View ^								
Region View A	Dashboard			\$ ~		10 - L-		
Region View \land Naples city, Florida	Dashboard Percent population 16 years and c	over in labor force	∠ Stats			Monlog		
Naples city, Florida 37.3% ±3.5%	Percent population 16 years and c	over in labor force	\$125K	97%	Naples East	Naples		
Naples city, Florida	Percent population 16 years and c		\$125K	97% Percent high school degree	Naples East	:Naples		
Naples city, Florida 37.3% ±3.5% Percent population 16 years and over in labor force	Percent population 16 years and c		\$125K Median house-	97% Percent high	Naples East	INaples		
Naples city, Florida 37.3% ± 3.5% Percent population 16 years and	Percent population 16 years and c		\$125K Median house- hold income	97% Percent high school degree	Naples East	Naples		
37.3% ± 3.5% Percent population 16 years and over in labor force 1.8% ± 0.8% Percent under 5 years	Percent population 16 years and c	Geo Comparison	\$125K Median house- hold income	97% Percent high school degree or higher	Naples East			
Naples city, Florida 37.3% ± 3.5% Percent population 16 years and over in labor force 1.8% ± 0.8% Percent under 5 years	Percent population 16 years and c	Geo Comparison	\$125K Median house- hold income	97% Percent high school degree or higher 81% Home owner-	Naples East Naples		LelyResort	nd

Census Bureau

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

census.gov/data/data-tools/cbb.html

The American Community Survey TIGER/Line Shapefiles w/ Selected Demographic Data





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

census.gov/geo/maps-data/data/tiger-data.html

Median Home Value	Median Household Income	
\$96,600 13% LOWER THAN 13% STATE MEDIAN	\$33,009 .29% state median	
	The t	\$96,600 13% LOWER THAN 13% STATE MEDIAN 29% STATE MEDIAN EW MORE DEMOGRAPHICS

The American Community Survey



Application Programming Interface (API)



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

census.gov/developers

The American Community Survey Explore Census Data data.census.gov



An official website of the United States government Here's how you know

Learn about America's People, Places, and Economy

Find Tables, Maps, and more ...

, United States*

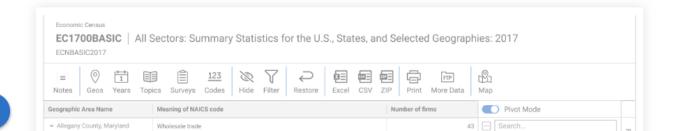


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Try searching for grocery st in Georgia in 2017

find tables

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The American Community Survey

Data Product Type: Profiles



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Description

- Offer a broad look at a community's social, economic, housing, & demographic characteristics
- Generally include many different variables
- Geography or population group is at the center

Types

- Data Profiles (DP)
- Comparison Profiles (CP)
- Selected Population Profiles (S0201)

census.gov/programssurveys/acs/guidance/which-datatool/table-ids-explained.html

The American Community Survey

Data Product Type: Tables

Description

- A precise or detailed view of a subject
- Subject matter is at the center of the table

Types

- Detailed Tables (B or C)
- Supplemental Table (K20)
- Subject Tables (S)
- Ranking Tables (R)
- Geographic Comparison Tables (GCT)

census.gov/programssurveys/acs/guidance/which-datatool/table-ids-explained.html



The American Community Survey Table/Profile Numbering

- B=Data Product Type (Base Table)
- 06=Subject (Place of Birth)

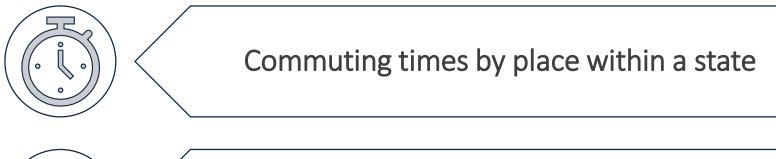
B06004BPR

- 004=Sequential Number (2 or 3 digits)
 - B=Race/Hispanic Origin (Black/African American)
 - PR=For Puerto Rico Geographies Only





The American Community Survey Finding Data Examples





Income data for a congressional district



Median housing value for all counties in a state



💻 An official website of the United States government Here's how you know 🔊

Topics



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The American Community Survey

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

American Community Survey (ACS)

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.

Featured

Respond to the ACS

Learn the different ways to respond to the American Community Survey – online, by phone, by email. Read our FAQs or call us for more help with the survey.

6

American Community Survey Data

census.gov/acs



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

The American Community Survey

Why We Ask

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AMERICAN COMMUNITY SURVEY (ACS)

ACS and the 2020 Census

Top Questions About the Survey

Why We Ask Each Ouestion

ACS Information Guide

ACS Data Stories

Sample ACS and PRCS Forms & Instructions

About the Puerto **Rico Community** Survey

> I.S. Departme U.S. CENSUS BURE census.gov

About the American ☑ Community Survey

What is the American Community Survey?

The American Community Survey (ACS) is an ongoing survey that provides vital information on a yearly basis about our nation and its people. Information from the survey generates data that help determine how more than \$675 billion in federal and state funds are distributed each year.



American Community Survey

Back to Topics Page

Why We Ask Questions About.

Commuting / Journey to Work

We ask questions about where people work, how they get there, when they leave home, and how long it takes, to create statistics about commuting, or a person's journey to work

Commuting patterns and characteristics are crucial to planning for improvements to road and highway infrastructure, developing transportation plans and services, and understanding where people are traveling i the course of a normal day



Your privacy concerns

"I Don't Want Everyone to Know What Time I Leave'

We use your confidential survey answers to create statistics like those in the results below and in the full tables that contain all the data-no one is able to figure out your survey answers from the statistics we produce. The Census Bureau is legally bound to strict confidentiality requirements. Individual records are not shared with anyone, including federal agencies and law enforcement entities. By law, the Census Bureau cannot share respondents' answers with anyone---not the IRS, not the FBI, not the CIA, and not with any other government agency

Questions as they appear on the form

We ask five questions about a person's journey to work to create a profile of a community's commuting patterns.

View Questions

census.gov/acs/www/about/ why-we-ask-each-question



Census Bureau

Q Search

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Data

Data Tables & Tools
Data Profiles
Narrative Profiles
Subject Tables
Ranking Tables
Supplemental Tables
data.census.gov
More ACS Tools & Apps
Data via FTP
Summary File Data
PUMS Data
Variance Replicate
Tables

Data Tables & Tools

Data Profiles Selector

Data Profiles consist of four tables (Social, Economic, Housing, Demographic) to give a broad statistical view of a particular geography. We provide an easy to use Data Profiles geography selector for the most popular geographies: state, county and place. Our full data website, data.census.gov, provides additional geographies for this table type and many more.

Narrative Profiles

The only place to find the current Narrative Profiles is right here on American Community Survey website. Narrative Profiles contain much of the same information found in the Data Profiles, except it is a text-based report with plenty of colorful graphs and charts. Use the map selector or the dropdown boxes to generate a Narrative Profile for your favorite place.

Subject Tables

More interested in a particular topic than a particular geography? Check out our listing of ACS Subject Tables. Subject Tables have both numbers and percentages making them the versatile choice for data seekers. You can search/filter the listing, and then link to data.census.gov where

census.gov/acs/www/data/

data-tables-and-tools/

Age and Sex / Agi Race and Ethnicity Ancestry Place of Birth Language Migration / Mobility Children Grandparents Households & Fan Marital Status Fertility Disability Health Insurance

Education

FIND A

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The American Community Survey

Data Tables & Tools

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The American Community Survey **Comparison Guidance**



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Comparing ACS Data

Share

The strength of the American Community Survey (ACS) is in estimating

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characteristic distributions. If you are looking for population totals, we recommend the 2020 Census or Population Estimates Program.

It is also important to keep in mind that all ACS data are estimates. We collect data from a sample of the population in the United States and Puerto Rico rather than from the whole population. To help you interpret the reliability of the estimates, the Census Bureau publishes a margin of error (MOE) for every ACS estimate.

Related Information

Share Your ACS Data Story

Contact Us

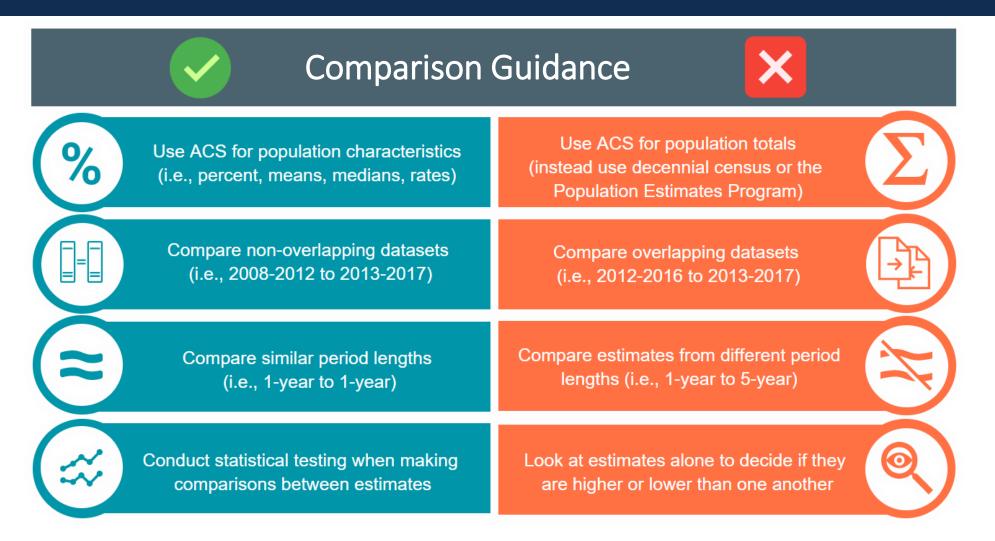
Within Guidance for Data Users **Comparing ACS Data** Handbooks Recorded Webinars Subjects Included in the Survey Statistical Testing Tool Using ACS Data with Open-Source Software When to Use 1-year or 5-year Estimates Which Data Table or Tool Should I Use?



U.S. Department of Commerce U.S. CENSUS BUREAU census.gov

census.gov/programssurveys/acs/guidance/comparing-acs-data.html

The American Community Survey





The American Community Survey What is the Margin of Error (MOE)?

Definition: An MOE is a measure of the possible variation of the estimate around the population value

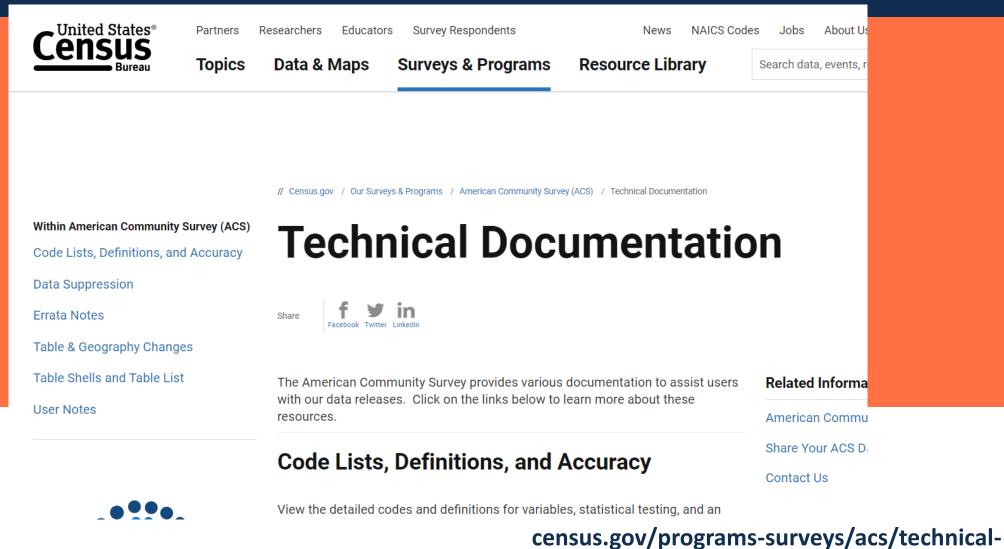
- At a given confidence level, the estimate & actual population value will differ by no more than the MOE
- 90% confidence level is the Census standard & ACS MOEs are provided in the same unit as the estimate

Example: How many males under age 5 live in WY? Lower bound = 19,174 - 346 = 18,828 Upper bound = 19,174 + 346 = 19,520 We are 90% confident the true number of males under age 5 in Wyoming falls **between 18,828 &** 19,520



	Wyoming			
	Estimate	Margin of Error		
Total :	583,200	* * * *		
Male :	298,301	+/-673		
Under 5 years	19,174	+/-346		
5 to 9 years	20,796	+/-771		
10 to 14 years	20,227	+/-740		
15 to 17 years	11,677	+/-367		
18 and 19 years	7,605	+/-364		

The American Community Survey Technical Documentation Page

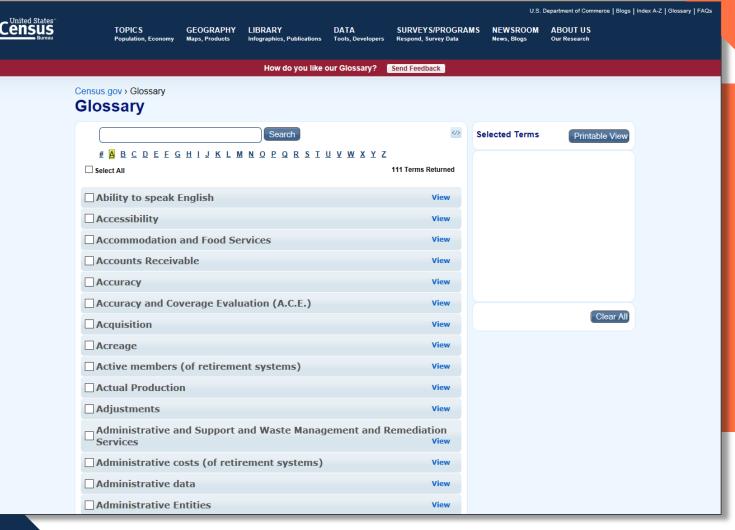




U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU census.cov

documentation.html

The American Community Survey Glossary



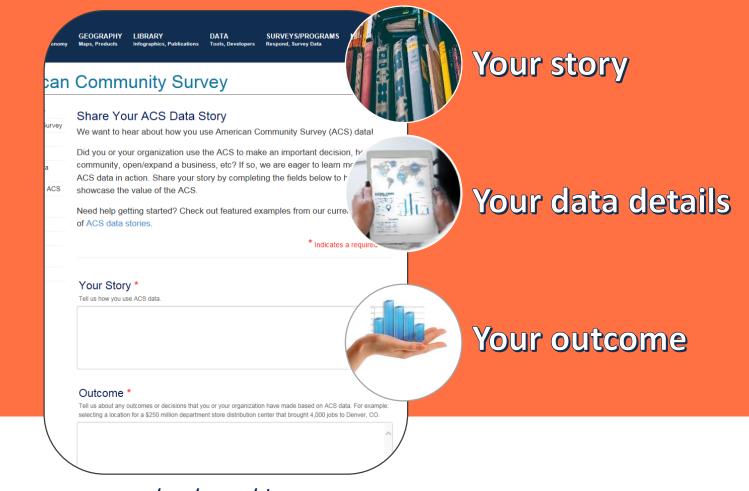
census.gov/glossary







The American Community Survey Data Tell Stories. Tell us Yours!



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





- Purpose:
 - Improve understanding of the value & utility of ACS data.
 - Promote information sharing among data users about key ACS data issues & applications.
- Includes users group website & online community
- ACS Data Users Conference
- Membership is free & open to all interested ACS data users





acsdatacommunity.prb.org

FREE Assistance Near You! Our regional data staff can help you access local statistics from the ACS or offer training to help build your skills.

The American Community Survey Need Local Stats?



Contact us at: 844-ASK-DATA | (844-275-2382) census.askdata@census.gov







The American Community Survey Continue the Conversation



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



Social media: @uscensusbureau #ACSdata



More information online: census.gov/acs



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



The American Community Survey Questions





Thank You!

Noelia Ana Moussignac Data Dissemination & Training Specialist noelia.ana.moussignac@census.gov

