2010-2014 American Community Survey (ACS) 5-Year Estimates

Pre-Embargo Webinar November 30, 2015

Access the Audio

Toll free number: 1-800-619-4307

Participant passcode: 7933957



Speakers

Host **Jennifer Smits**

Chief

Media Relations Branch

Public Information Office

Presenter | KaNin Reese

Survey Statistician

Social, Economic, and Housing Statistics

Division

Webinar Outline

- Upcoming ACS Data Releases
- ACS Basics
- 5-Year ACS Geography and Products
- ACS Documentation
- Census Business Builder
- Q&A



Upcoming ACS Data Releases

Upcoming ACS Data Release

MEDIA EMBARGO: Tuesday, December 1, 2015

Embargo Includes 2010-2014 ACS 5-Year Estimates:

- 5-Year Data Products
- 5-Year Summary File

PUBLIC RELEASE: Thursday, December 3, 2015

Release Includes 2010-2014 ACS 5-Year Estimates:

- 5-Year Data Products
- 5-Year Summary File
- Narrative Profile
- DataFerrett, API, Easy Stats, QuickFacts, Census Business Builder

Upcoming ACS PUMS Release

 Public Use Microdata Sample (PUMS) Files contain individual housing unit and person records with limited geography to ensure confidentiality

January 21: 2010-2014 ACS 5-Year PUMS File

census.gov/programs-surveys/acs/data/pums.html

ACS Basics

The American Community Survey

- Ongoing survey that samples about 3.5 million addresses per year
- Collects data on a wide range of demographic, social, economic, and housing characteristics
- Designed to produce critical information that was previously collected in the decennial census
- Fully implemented in 2005
- Publishes annual estimates for small geographic areas and population groups

ACS Content

Social

Education
Marital Status
Fertility
Veterans
Disability
Citizenship
Language
Migration

Employment Status
Income
Commuting
Occupation & Industry
Health Insurance
Class of Worker

Economic

Tenure (Own/Rent)
Occupancy & Structure
Home Value
Costs (Mortgage, Taxes, Insurance)
Utilities
Plumbing/Kitchen Facilities

Housing

Sex
Age
Race
Hispanic Origin
Relationship to Householder

Demographic

5-Year Estimates

- Describe the average characteristics over a specific period of time, not a single point in time
- 5-Year estimates are NOT an average of 1-year estimates
- Data are pooled across 60 months, weighted to produce estimates, and controlled for age, sex, race, and Hispanic origin
- Estimates are based on geographic boundaries as of January 1 of the last year in the 5-year period
- Dollar-value estimates are inflation adjusted to the most recent year for the period

Using 5-Year Estimates

- No 1-year estimate is available
- Margins of error for 1-year estimates are larger than required
- Analyzing data for small population groups
- Comparing various geographies when one or more of them do not receive 1-year estimates

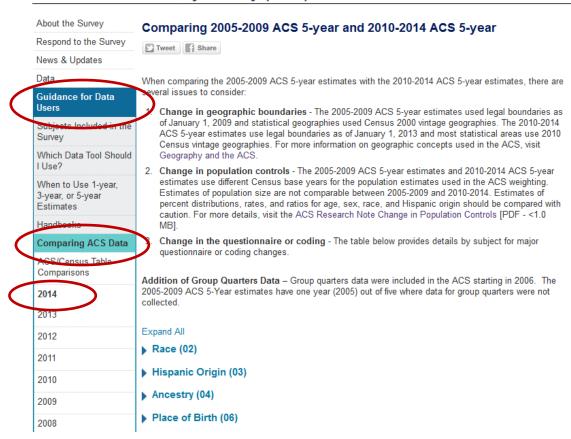
5-Year Comparisons

- Only compare <u>non-overlapping</u> time periods (e.g., 2010-2014 and 2005-2009)
- Only compare estimates from the same dataset (e.g., 5-Year to 5-Year)
- Compare across geographies and subpopulations
- Compare percentages, means, medians and rates whenever possible

Comparison Guidance



American Community Survey (ACS)



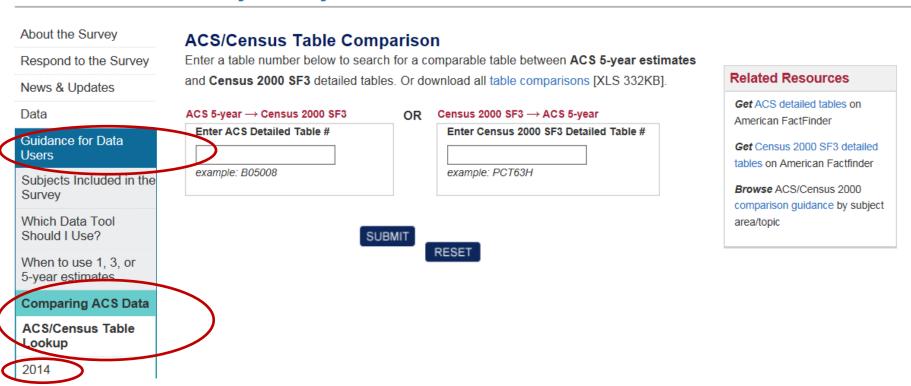
census.gov/programs-surveys/acs/guidance/comparing-acs-data/2014.html



Comparison Guidance



American Community Survey



census.gov/acs/www/guidance/comparing-acs-data/acscensus-table-lookup/



5-Year ACS Geography and Products



5-Year Geography

- All geographic areas down to the tract and block group level
- Over 578,000 geographic areas
- 87 different summary levels available



census.gov/programs-surveys/acs/geography-acs.html

5-Year Data Products

Data Profiles

(Social, Economic, Housing, Demographic)

- Geographic Comparison Tables (92)
- Subject Tables (69)
- Detailed Tables (1,045)
- Narrative Profile
- Data Tools

	Occupied housing units		
Subject	Estimate	Margin of Error	
Occupied housing units	116,291,033	+/-141,632	
UNITS IN STRUCTURE			
1, detached	62.8%	+/-0.1	
1, attached	6.0%	+/-0.1	
2 apartments	3.6%	+/-0.1	
3 or 4 apartments	4.4%	+/-0.1	
5 to 9 apartments	4.7%	+/-0.1	
10 or more apartments	12.7%	+/-0.1	
Mobile home or other type of housing	5.8%	+/-0.1	

YEAR STRUCTURE BU 2010 or later 2000 to 2009 1980 to 1999 1960 to 1979 1940 to 1959

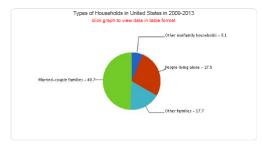
1939 or earlier

Households and Families

In 2000-2013 there were 115.6 million households in United States. The everage household size was 2.6 near

Families made up 66 percent of the households in United States. This figure includes both married-couple families (49 percent) and other families (18 percent). Of other families, 7 percent are female households families with no husband present and own holdren under 19 years. Norfamily households made up 49 percent dail households in United States Most of the nonfamily households were people living alone, but some were composed of people living in households in

In United States, 33 percent of all households have one or more people under the age of 18; 25 percent of all households have one or more people 65 years and over.



Among persons 15 and older, 51 percent of males and 47 percent of females are currently married

Population 15 years and over	Males	Females	
Never married	35.4	29.1	
Now married, except separated	50.6	47.0	

ACS New Tables

- B05013: Sex by Age for the Foreign-Born Population
- B05014: Sex by Age for the Foreign-Born Population
- B23026: Sex by Work Status in the Past 12 Months by Usual Hours Worked Per Week in the Past 12 Months by Weeks Worked in the Past 12 Months for the Population 65 Years and Over
- B23027: Full-Time, Year-Round Work Status in the Past 12 Months by Age for the Population 16 Years and Over

Table ID	Lir	Description
B05014	<u> </u>	SEX BY AGE FOR THE FOREIGN-BORN POPULATION
B05014		Universe: Foreign-born population
B05014	1	Total:
B05014	2	Male:
B05014	3	Under 10 years
B05014	4	10 to 19 years
B05014	5	20 to 29 years
B05014	6	30 to 39 years
B05014	7	40 to 49 years
B05014	8	50 to 59 years
B05014	9	60 to 69 years
B05014	10	70 years and over
B05014	11	Female:
B05014	12	Under 10 years
B05014	13	10 to 19 years
B05014	14	20 to 29 years
	15	
B05014	_	30 to 39 years
B05014	16	40 to 49 years
B05014	17	50 to 59 years
B05014	18	60 to 69 years
B05014	19	70 years and over
B23027	24	Worked full-time, year-round
B23027	25	Worked less than full-time, year-round
B23027	26	Did not work in the past 12 months
B23027	27	65 to 69 years:
B23027 B23027	28 29	Worked in the past 12 months: Worked full-time, year-round
B23027	30	Worked lui-time, year-round Worked less than full-time, vear-round
B23027	31	Did not work in the past 12 months
B23027	32	70 years and over:
B23027	33	Worked in the past 12 months:
B23027	34	Worked full-time, year-round
D22027	125	Westerd In an Alman full time a common state of the state

Worked less than full-time, year-round Did not work in the past 12 months

census.gov/programs-surveys/acs/technical-documentation/table-and-geographyUnited States* | U.S. Department of Commerce changes.html/



ACS New Tables

- C27013: Sex by Work experience for Private Health Insurance Coverage
- C27014: Sex by Work Experience for Public Health Insurance Coverage
- C27017: Income-to-Poverty Ratios by Private Health Insurance Coverage
- C27018: Income-to-Poverty Ratios by Public Health Insurance Coverage
- B27023: Private Health Insurance Coverage by School Enrollment for young adults aged 19 to 25

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Table	Table	ID	Line	Description
C2701	C2701	4		PUBLIC HEALTH INSURANCE BY WORK EXPERIENCE BY AGE
C2701	C2701	4		Universe: Civilian noninstitutionalized population 18 years and over
C2701	00704	A	4	T_1_I.
C2701	Table	ID 📗	Line	Description
C2701	C2701	7]		PRIVATE HEALTH INSURANCE BY RATIO OF INCOME TO POVERTY LEVEL IN
C2704	ī			THE PAST 12 MONTHS BY AGE
C2701	C2701	7		Universe: Civilian noninstitutionalized population for whom poverty status is
CTab	_		Des	determined cription —
C C27	018	-	_	BLIC HEALTH INSURANCE BY RATIO OF INCOME TO POVERTY LEVEL IN
2			THE	PA CT 12 MONTHS RY AGE
Tab	le ID	Line		scription
B27	023		PRI	IVATE HEALTH INSURANCE BY SEX BY ENROLLMENT STATUS FOR YOUNG
			ADI	ULTS AGED 19 TO 25
B27	023		Uni	verse: Civilian noninstitutionalized population 19 to 25 years
B27	023	1	Tota	al:
B27	023	2	N	fale:
B27	023	3		Enrolled in school:
B27	023	4		With private health insurance coverage
E B27	023	5		No private health insurance coverage
B27	023	6		Not enrolled in school:
<u>≒ B27</u>		7		With private health insurance coverage
B27		8		No private health insurance coverage
B27		9	F	emale:
B27		10		Enrolled in school:
B27		11		With private health insurance coverage
B27		12		No private health insurance coverage
B27		13		Not enrolled in school:
B27		14		With private health insurance coverage
B27	023	15		No private health insurance coverage

census.gov/programs-surveys/acs/technical-documentation/table-and-geographyUnited States* | U.S. Department of Commerce changes.html



Noteworthy Data Product Modifications

- Housing tables modified to expand housing burden categories (B25074, B25095)
- Title for foreign born table modified to "Period of Entry" from 'Year of Entry" (B05005)
- Summary Level 070: State-County-County Subdivision-Place/Remainder or Part was streamlined to 15 tables.
 - We will continue to produce tract-level (summary level 140) and block group-level estimates (summary level 150).

census.gov/programs-surveys/acs/technical-documentation/table-and-geographychanges.html

American FactFinder (AFF)

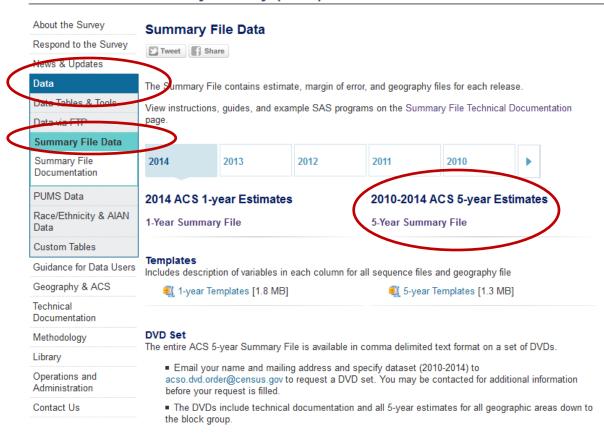


factfinder.census.gov

5-Year Summary File



American Community Survey (ACS)



census.gov/programs-surveys/acs/data/summary-file.html



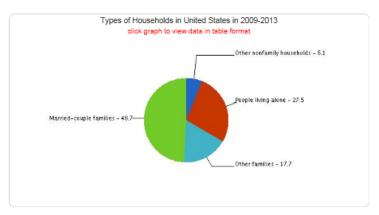
Narrative Profile

Households and Families

In 2009-2013 there were 115.6 million households in United States. The average household size was 2.6 people

Families made up 86 percent of the households in United States. This figure includes both married-couple families (49 percent) and other families (18 percent). Of other families, 7 percent are female householder families with no husband present and own children under 18 years. Nonfamily households made up 24 percent of all households in United States. 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 United States, 33 percent of all households have one or more people under the age of 18; 25 percent of all households have one or more people 65 years and over.



Among persons 15 and older, 51 percent of males and 47 percent of females are currently married.

	Population 15 years and over	Males	Females	
	Never married			•••
ı	Now married, except sep: Employment	Stati	IIC	an

Employment Status and Type of Employer

In United States, 58 percent of the population 16 and over were employed; 36 percent were not currently in the labor force.

An estimated 79 percent of the people employed were private wage and salary workers; 15 percent were federal, state, or local government workers; and 6 percent were self-employed in their own (not incorporated) business.

Class of worker	Number	Percent
Private wage and salary workers	111,790,351	78.8
Federal, state, or local government workers	21,087,459	14.9
Self-employed workers in own not incorporated business	8,775,721	6.2

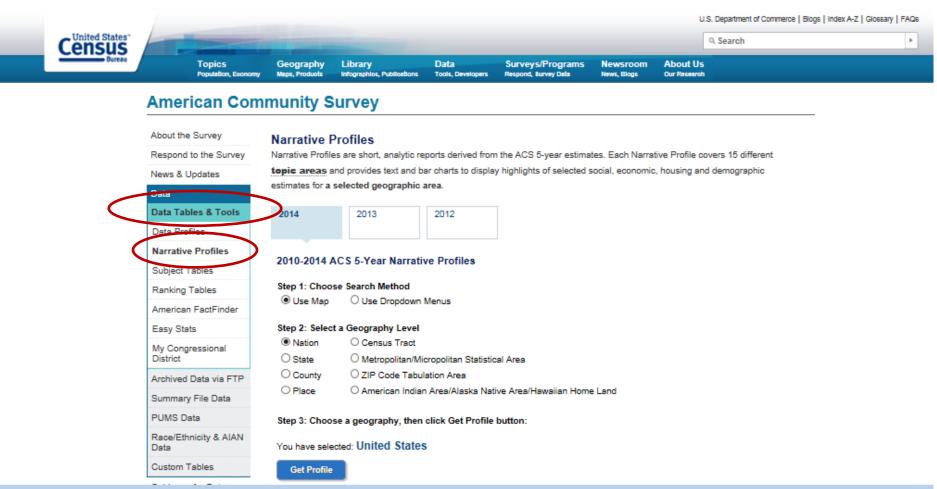
Language

Among people at least five years old living in United States in 2009-2013, 21 percent spoke a language other than English at home. Of those speaking a language other than English at home, 62 percent spoke Spanish and 38 percent spoke some other language; 42 percent reported that they did not speak English "very well."





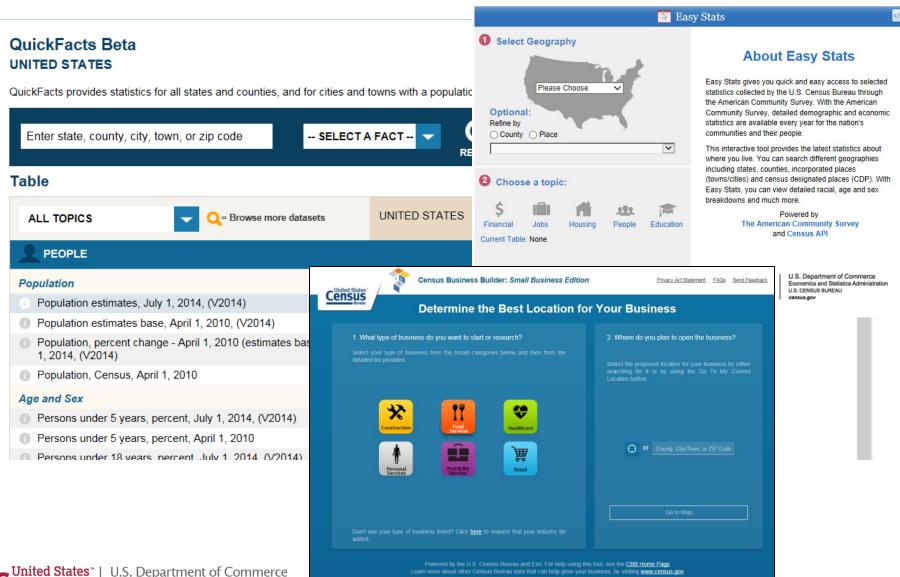
Accessing the Narrative Profile



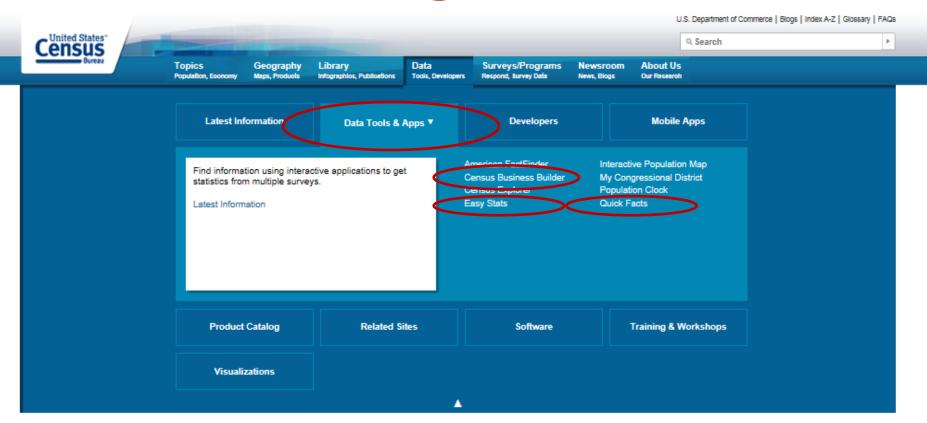
census.gov/acs/www/data/data-tables-and-tools/narrative-profiles/



Data Tool Updates



Accessing Data Tools



American Community Survey

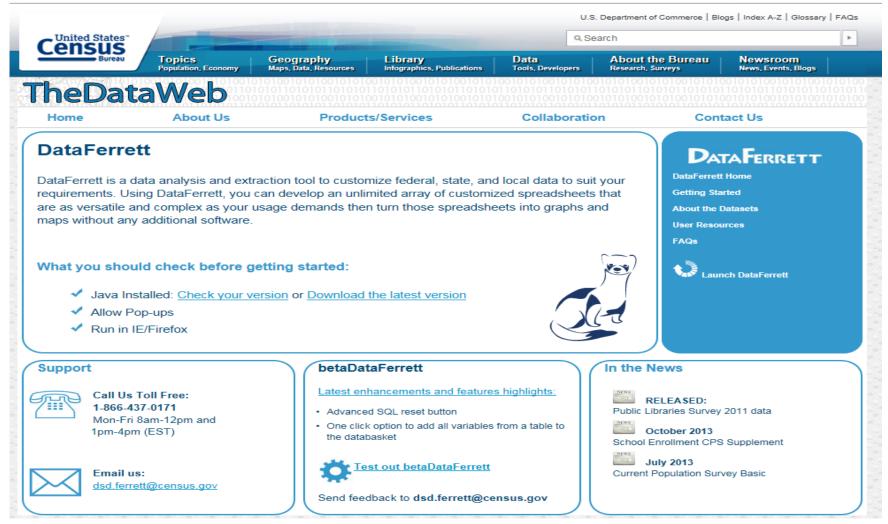
About the Survey

Narrative Profiles

www.census.gov



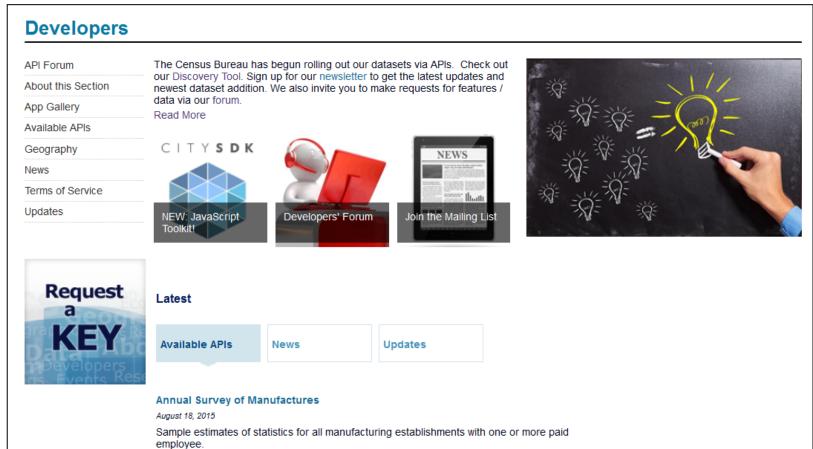
DataFerrett



dataferrett.census.gov



Application Programming Interface (API)



census.gov/developers



ACS Documentation

ACS Website





The ACS Summary File is a set of comma-delimited text files that contain all of the detailed

tables for the ACS.

Data Release Information



American Community Survey (ACS)



Geographic Highlights

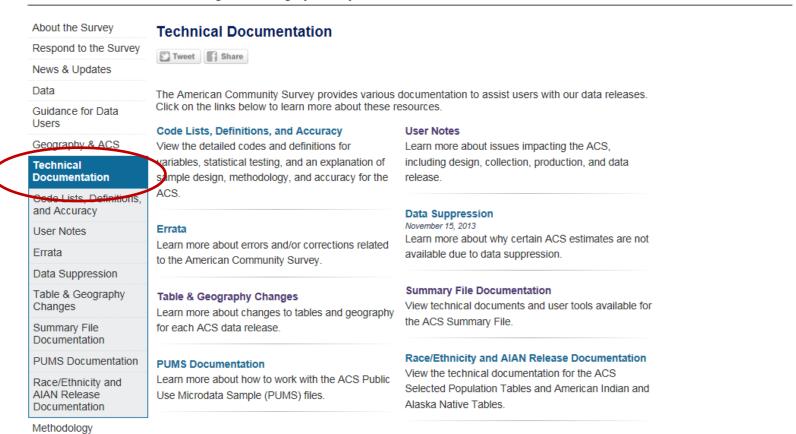
census.gov/programs-surveys/acs/news/data-releases.html



Technical Documentation



American Community Survey (ACS)



census.gov/programs-surveys/acs/technical-documentation.html



Census Business Builder

CBB Basics

- Easy to use
- Customer focused
- Census and private-sector data
- Mapping software standardized for both demographic and economic data
- 32 ACS variables available down to the tract-level





Determine the Best Location for Your Business

1. What type of business do you want to start or research?

Select your type of business from the broad categories below and then from the detailed list provided.













Don't see your type of business listed? Click <u>here</u> to request that your industry be added.

2. Where do you plan to open the business?

Select the proposed location for your business by either searching for it or by using the Go To My Current Location button.



9

County, City/Town, or ZIP Code

Go to Map

Powered by the U.S. Census Bureau and Esri. For help using this tool, see the <u>CBB Home Page</u>
Learn more about other Census Bureau data that can help grow your business, by visiting <u>www.census.gov</u>



Determine the Best Location for Your Business



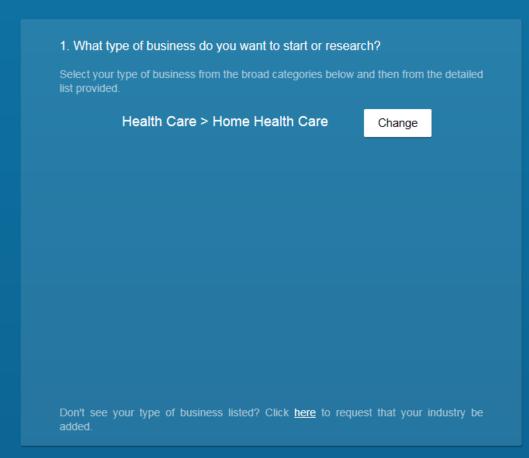
2. Where do you plan to open the business? searching for it or by using the Go To My Current Location button. Go to Map

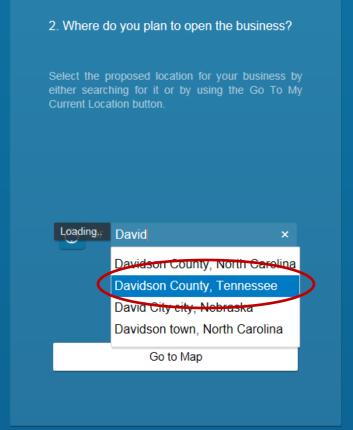
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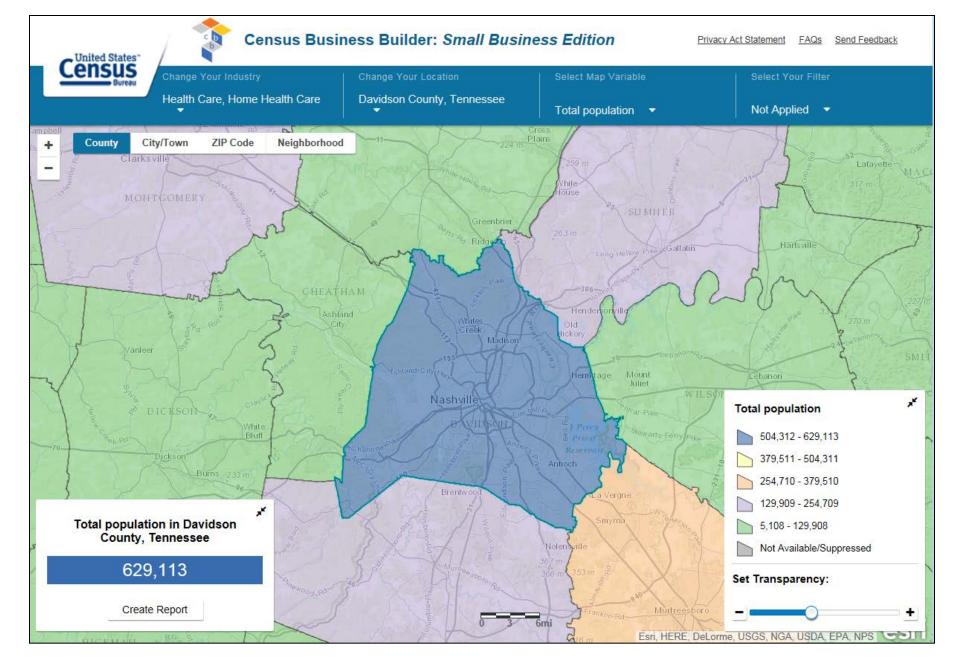


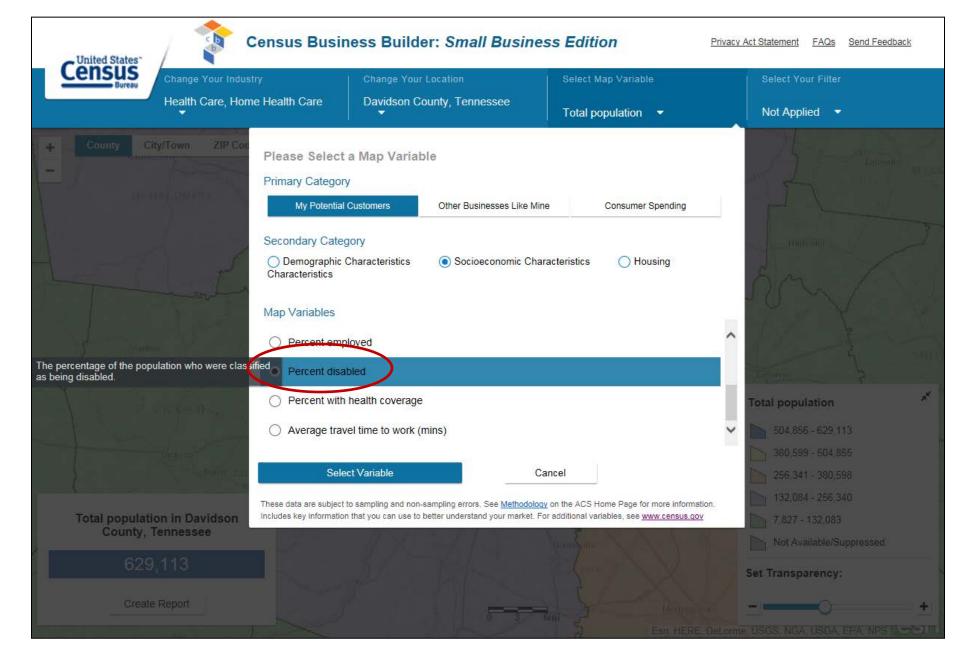
Determine the Best Location for Your Business



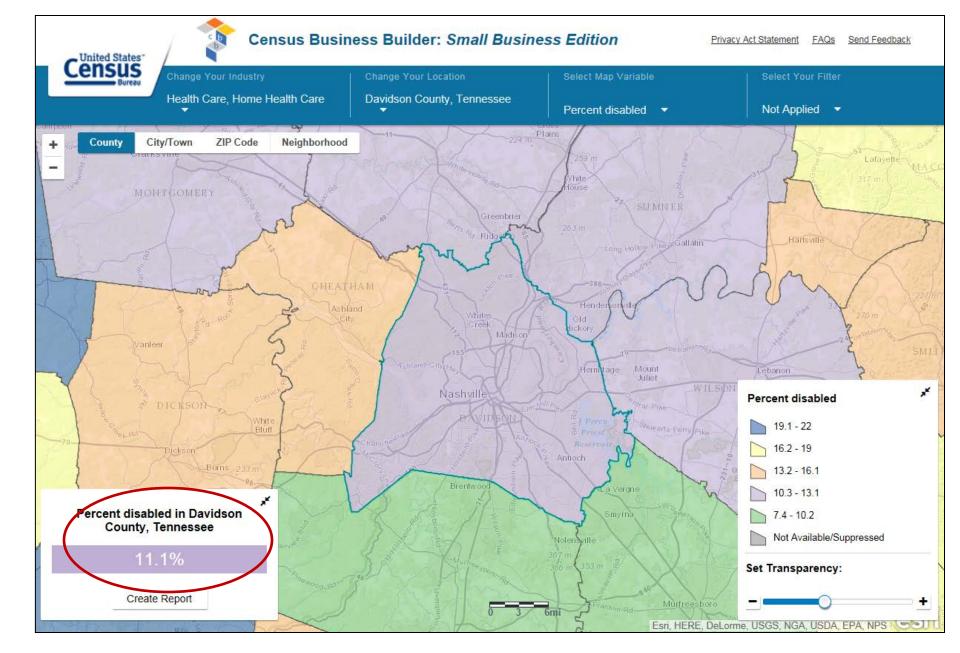


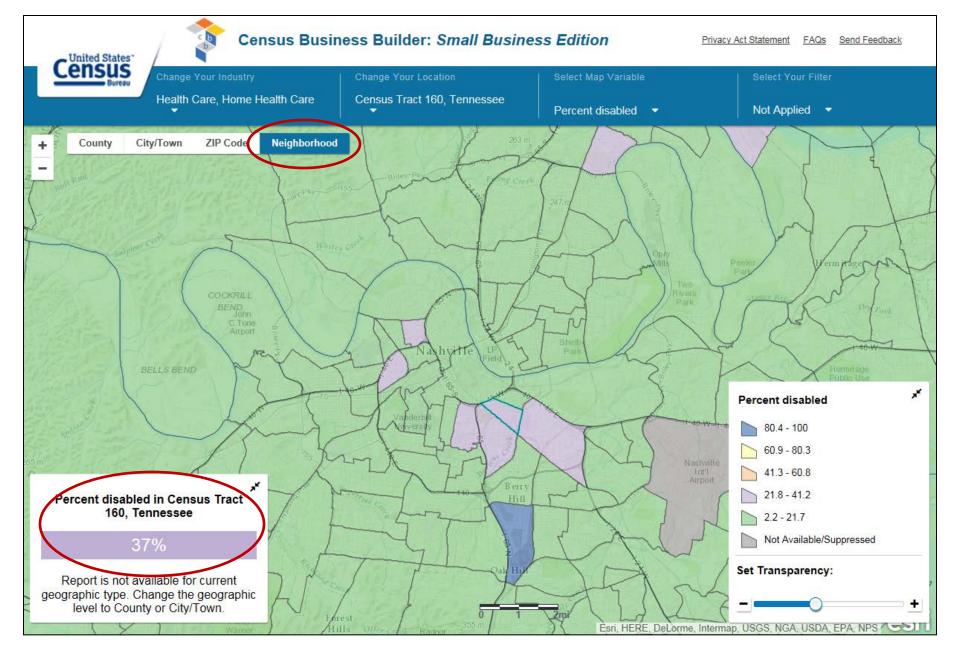
Powered by the U.S. Census Bureau and Esri. For help using this tool, see the <u>CBB Home Page</u> Learn more about other Census Bureau data that can help grow your business, by visiting <u>www.census.gov</u>



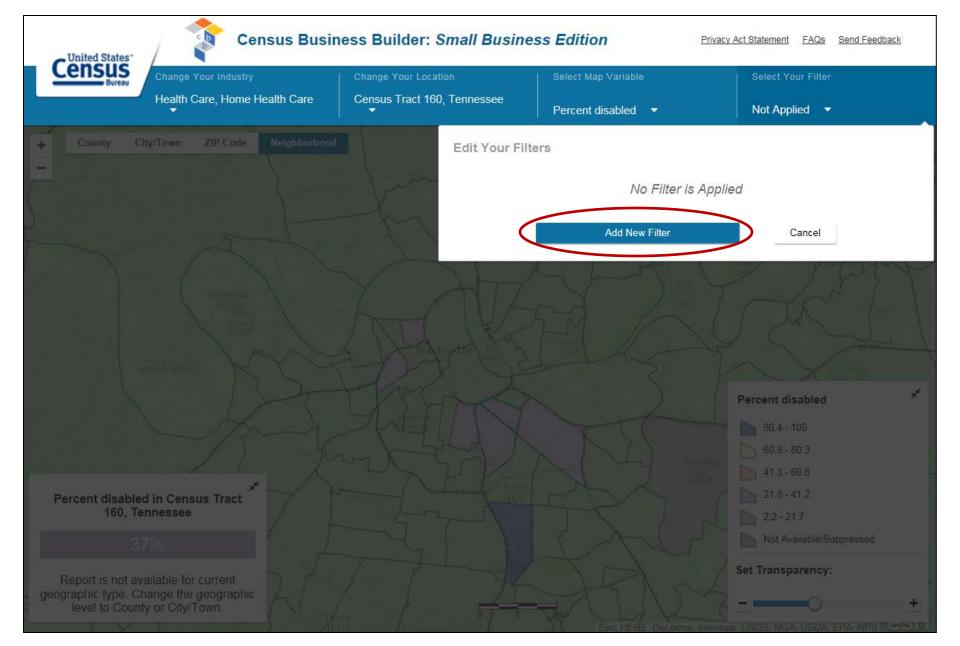




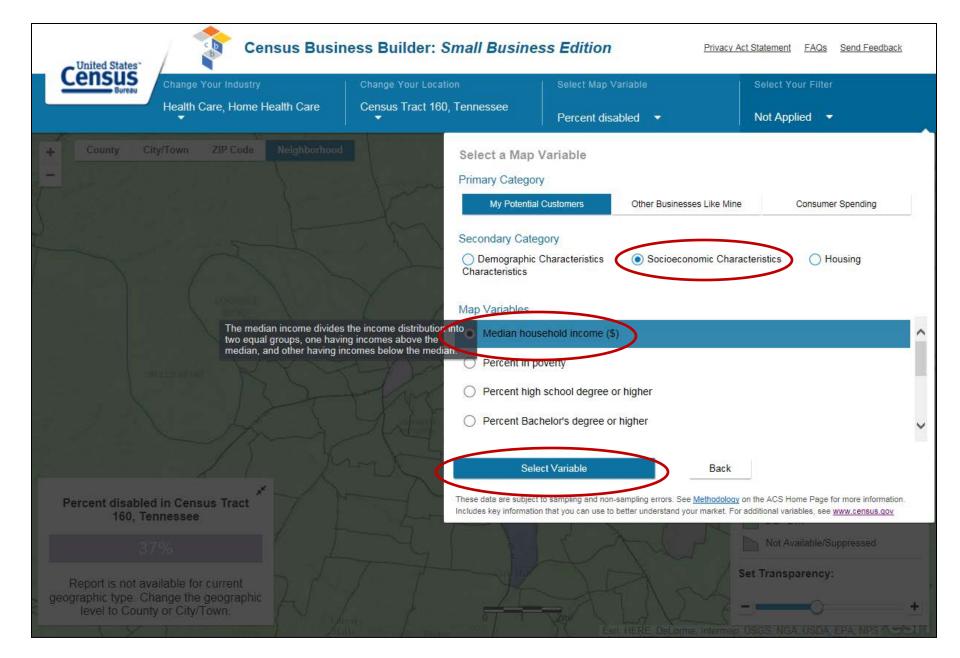




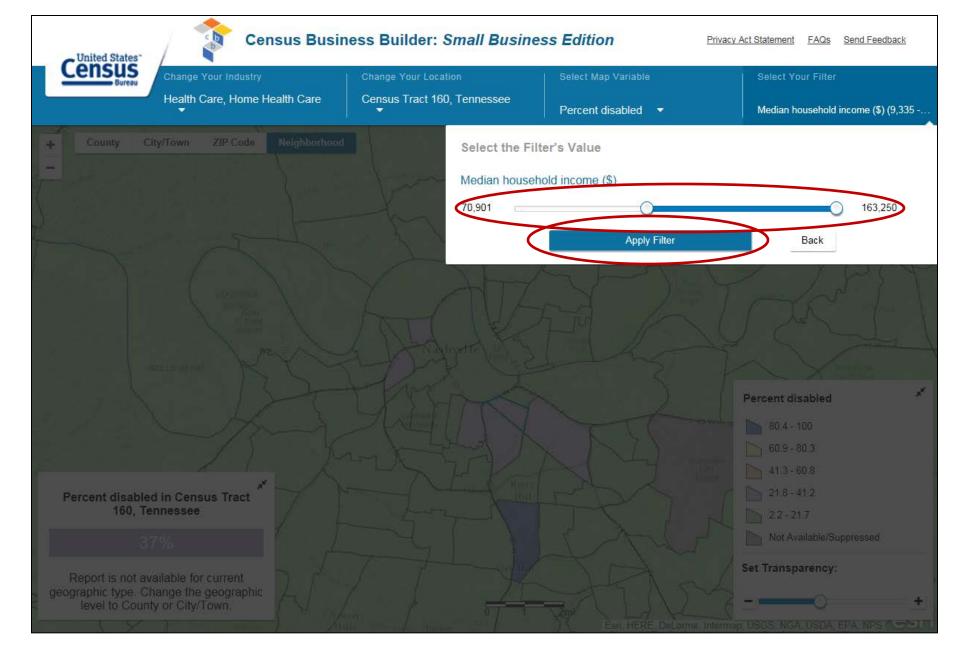


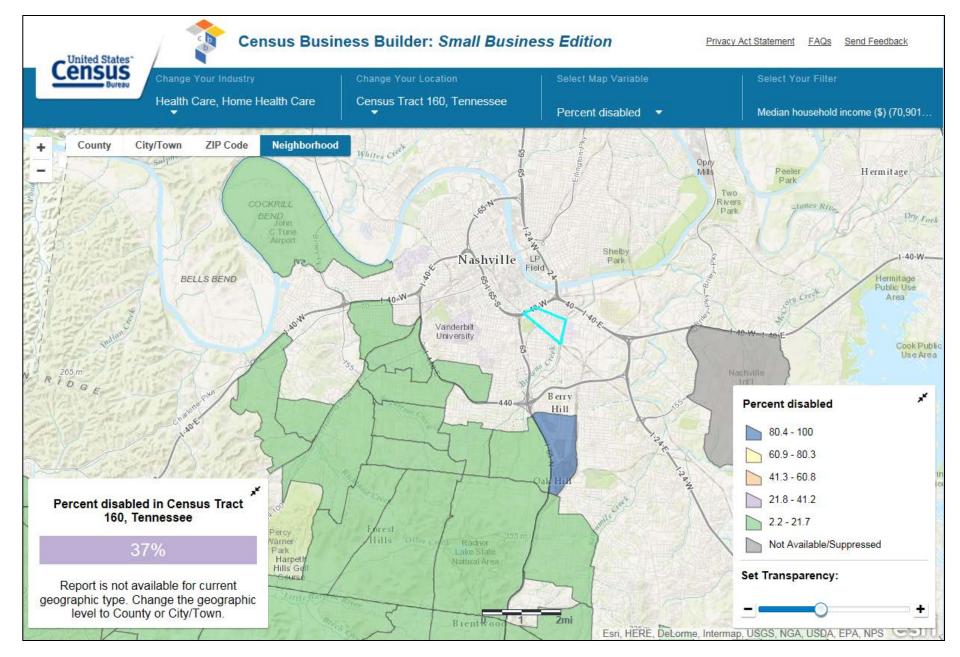




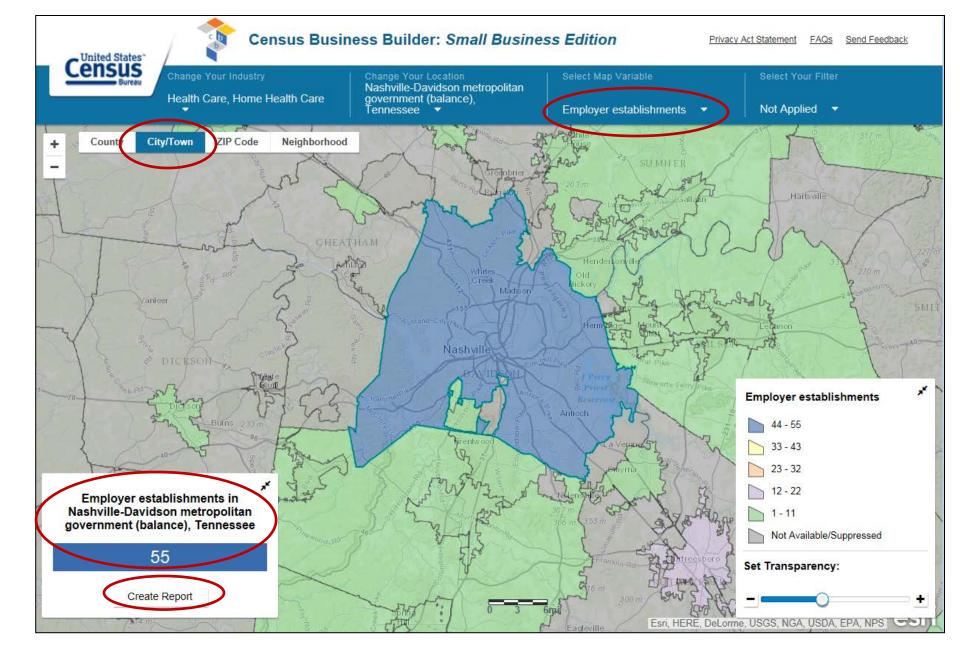
















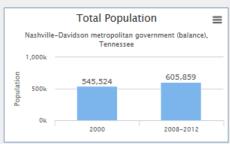
Census Business Builder: Small Business Edition

Local Business Profile of Home Health Care Services (NAICS 62161) in Nashville-Davidson metropolitan government (balance), Tennessee

Who are my Potential Customers?

Demographic Characteristics	
Total population:	605,859
Percent under 5 years old:	7.1%
Percent under 18 years old:	21.8%
Population 18 and over:	78.2%
Population 65 years old and over:	10.3%
Average household size:	2.36
Race Breakout	
White:	62.04%
Black:	28.48%
American Indian or Alaska Native:	0.23%
Asian:	3.18%
Native Hawaiian or Pacific Islander:	0.03%
Two or more races:	2.10%
Some other race:	3.95%
Hispanic or Latino:	9.8%
For more demographic data and margins of error, go here.	

Socioeconomic Characteristics

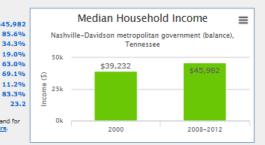


\$45,982 Median household income Population with high school degree or more: 85.6% 34.3% opulation with Bachelor's degree or more: 19.0% Employment rate: 63.0% opulation 16 or over in labor force: 69.1% opulation with a disability: 11.2%

For more social characteristic data and margins of error, go here, and for more economic characteristic data and margins of error, go here.

opulation with health insurance coverage:

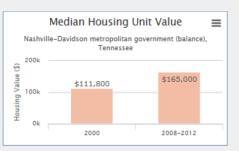
verage travel time to work (mins.):



135,548
111,432
145,097
54.9%
10.1%
\$165,000
\$1,151
\$816
1977

For more housing characteristic data and margins or error, go here.

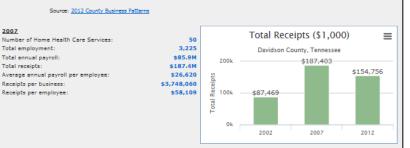
Source: 2008-2012 American Community Survey 5-Year Estimates



ocal Business Profile of Home Health Care Services (NAICS 62161) in Davidson County, Tennessee What About Other Businesses Like Mine? **Employer Businesses** Total Employment 2012 Number of Home Health Care Services 54 Davidson County, Tennessee Total employment: 2,927 \$81.3M Total annual payroll: 2,620 Average number of employees per business \$27,787 Average annual payroll per employee:

Census

Average population served per business:



11,650

Census Business Builder: Small Business Edition



Source: 2012 Nonemployer Statistics



=

2,927



U.S. Department of Commerce **Economics and Statistics Administration**

U.S. CENSUS BUREAU census.gov

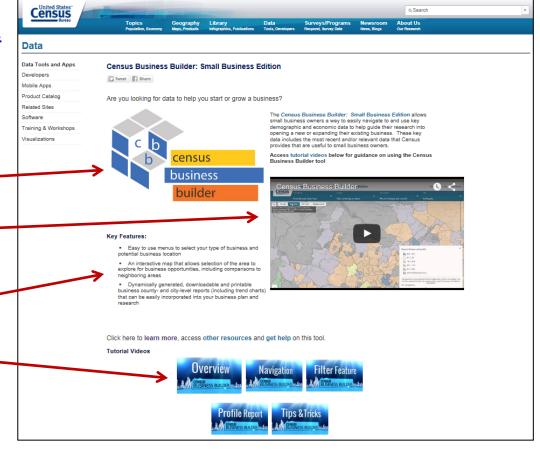
CBB Home Page

http://www.census.gov/data/data-tools/cbb.html

Key Features:

- Tool Link
- Promo Video
- Flyers, Fact Sheets, FAQs and Help
- Tutorial Videos

https:/cbb.census.gov



Questions?

Dial *1 for the Operator



After Questions Stay for a Demo:
How to Access 5-Year Block Group Data on
American FactFinder



Purpose:

- Improve understanding of the value and utility of ACS data.
- Promote information sharing among data users about key ACS data issues and applications
- Membership is free and open to all interested ACS data users
- Webinars and special sessions at professional meetings planned
- Users group website and online community

acsdatausers.org

Continue the Conversation #ACSData



Join our Thunderclap to let your followers know about the new data that's available.

https://www.thunderclap.it/projects/34742-celebrate-10-years-of-acsdata



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pinterest.com/uscensusbureau

Need Local Stats?

Assistance Near You!

Our regional data staff can help you access local statistics from the ACS or offer training to help build your skills. Contact us at the following address: pio@census.gov



Questions?

Dial *1 for the Operator



After Questions Stay for a Demo
How to Access 5-Year Block Group Data on
American FactFinder

For Further Information

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pio@census.gov

301-763-3030

Non-Media Customer Service Center

1-800-923-8282 or

301-763-INFO (4636)

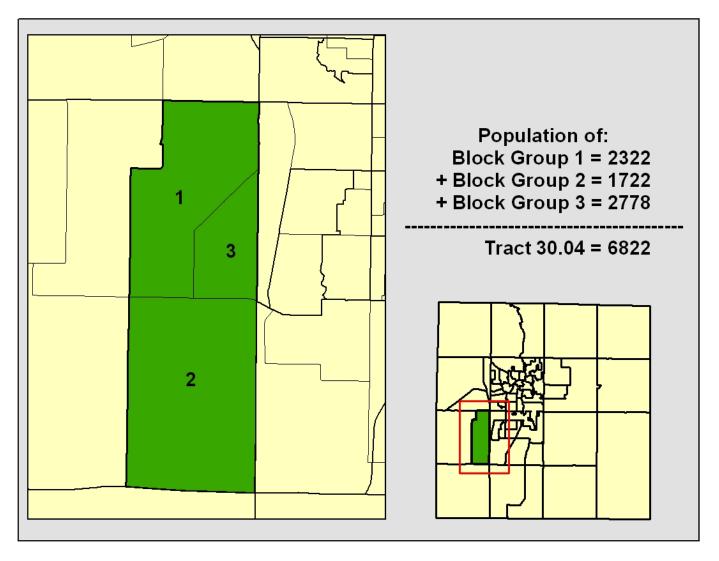
Press Kit http://census.gov/newsroom/press-

kits/2015/20151210_acs5yr2014.html

Accessing ACS 5-Year Block Group Data in American FactFinder



What is a Block Group?



Access American FactFinder

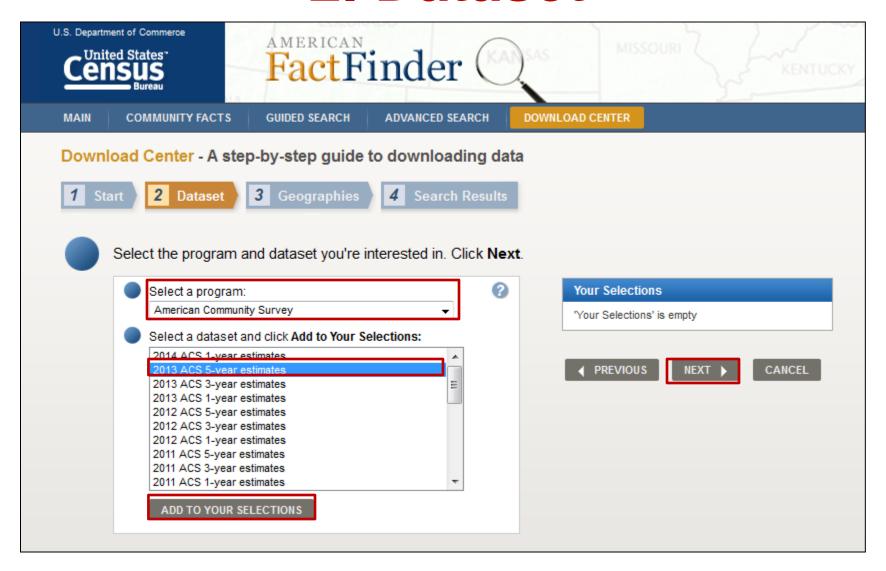


factfinder.census.gov

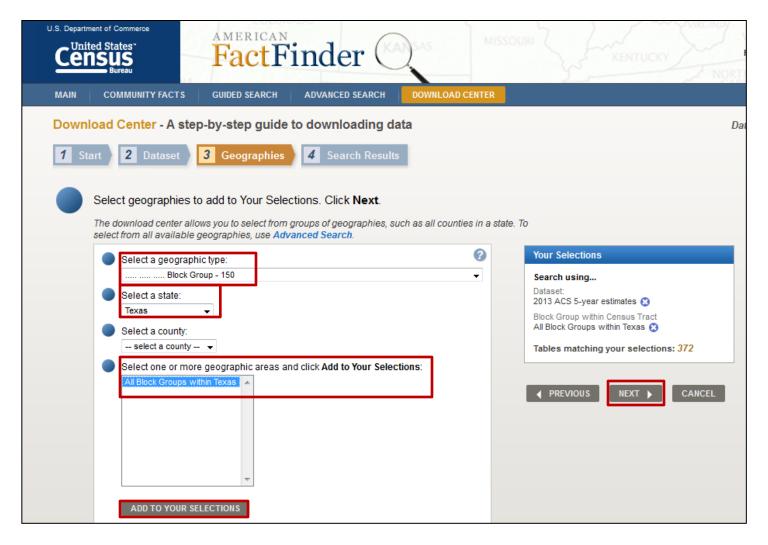
1. Start



2. Dataset



3. Geographies



4. Search Results

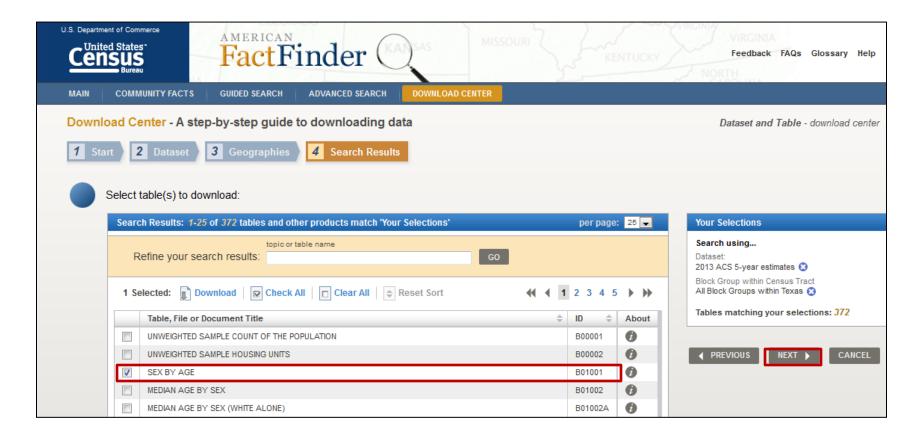
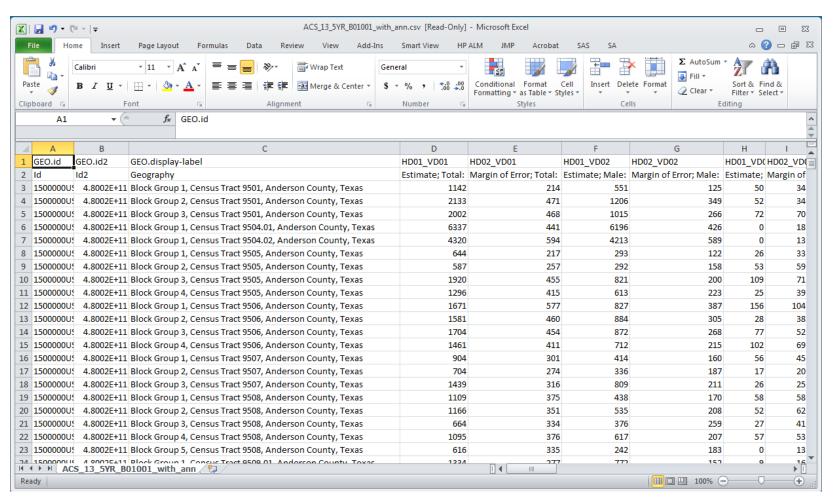


Table B01001



Final Questions?

Dial *1 for the Operator



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Need Local Stats?

Assistance Near You!

Our regional data staff can help you access local statistics from the ACS or offer training to help build your skills. Contact us at the following address: pio@census.gov



Evaluation



Continue the Conversation #ACSdata



facebook.com/uscensusbureau



twitter.com/uscensusbureau



youtube.com/user/uscensusbureau



instagram.com/uscensusbureau



pinterest.com/uscensusbureau

Source us:

U.S. Census Bureau's American Community Survey

--or--

2010-2014 American Community Survey 5year estimates



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Press Kit http://census.gov/newsroom/press-

kits/2015/20151210_acs5yr2014.html