2015 American Community Survey (ACS) 1-Year Estimates

Pre-Embargo Webinar September 8, 2016

Access the Audio

Toll free number: 1-888-324-9363 Participant passcode: ACS1YEAR





Host	Shelly Hedrick Special Assistant Communications Directorate
Presenter	Tyson Weister Survey Statistician American Community Survey Office



Webinar Outline

- Next Week's Releases
- ACS Basics
- Changes for 2015 ACS 1-year Release
- ACS Website and Statistical Testing Tool
- Keep in Touch
- Q&A
- Using American FactFinder
- Evaluation



Next Week's Releases: Sept 13

Tuesday, September 13th

- 2015 national income, poverty, and health insurance statistics from Current Population Survey (CPS) Annual Social and Economic Supplement (ASEC)
- Supplemental Poverty Measure: 2015
- State level health insurance statistics from 2015 ACS
- 2015 ACS 1-year embargo begins at noon EDT

http://www.census.gov/newsroom/press-releases/2016/cb16-101.html



Next Week's Releases: Sept 15

Thursday, September 15th

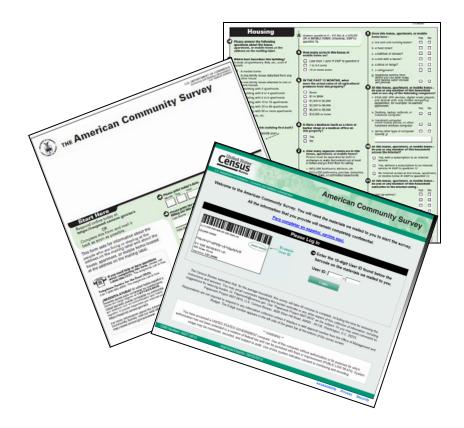
- 2015 ACS 1-year public release
- ACS Briefs
 - Poverty: 2014 and 2015
 - Household Income: 2015

http://www.census.gov/newsroom/press-releases/2016/cb16-101.html



ACS Basics: The Survey

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





ACS Content

Social

Educational Attainment Marital Status Veteran Disability Ancestry Citizenship Fertility Grandparents Language Spoken at Home Migration Place of Birth School Enrollment Year of Entry

Demographic

Sex Age Race Hispanic Origin Relationship

Economic

Employment Status Income Commuting Health Insurance Class of Worker Food Stamps (SNAP) Hours/Week, Weeks/Year Industry & Occupation

Housing

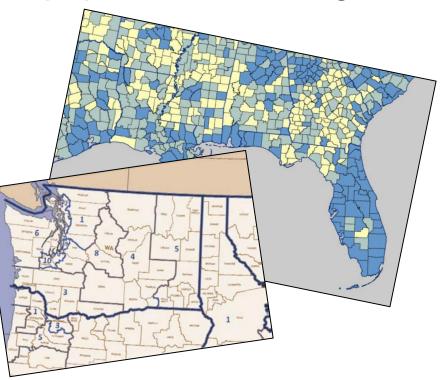
Tenure (Own/Rent) Home Value Costs (Mortgage, Taxes, Insurance) Computer & Internet Use Heating Fuel Occupancy Status Plumbing/Kitchen Facilities Structure Type Utilities Vehicles Year Built/ Year Moved In

35+ Topics → 1000+ Tables → 11 Billion Estimates



ACS Basics: 1-Year Geography

- Approximately 7,800 geographic areas
- Geographic areas of 65K+ total population including
 - Nation
 - All States, DC, and Puerto Rico
 - All Metropolitan Areas
 - All Congressional Districts (114th Congress)
 - All Counties and Places of 65,000+



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



ACS Basics: 1-Year Data Products

Data Profiles

(Social, Economic, Housing, Demographic)

- Comparison Profiles
 (2011 to 2015)
- Selected Population Profiles (Race, Hispanic Origin, Ancestry, Place of Birth)
- Ranking Tables (89)
- Geographic Comparison Tables (96)
- Subject Tables (81)
- Detailed Tables (1,306)
- Supplemental Tables (59) Oct 2016

👝 United States 🖱
Census
Bureau

	Subject	2014 Estimate	2013 Estimate	2014 - 2013 Statistical Significance	
EMPLOYMENT S	TATUS				
Population 1	16 years and over	253,588,947	250,835,999	*	
In labor fo	rce	63.3%	63.6%	*	
Civilian	labor force	62.9%	63.2%	*	
Emp	loyed	58.4%	57.9%	*	
Uner	nployed	4.5%	5.3%	*	
Armed	Forces	0.4%	0.4%		
Not in lab	or force	36.7%	36.4%	*	
Civilian labo			Occupied housing units		
Percent U	Subject		Estimate	Margin of Error	
	Occupied housing units		116,291,033	+/-141,632	
Females 16	UNITS IN STRUCTURE				
	on the internet of the				
In labor fo	1, detached		62.8%	+/-0.1	
In labor fo Civilian			62.8% 6.0%	+/-0.1 +/-0.1	
	1, detached				
Civilian	1, detached 1, attached		6.0%	+/-0.1	
Civilian	1, detached 1, attached 2 apartments 3 or 4 apartments		6.0% 3.6%	+/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments	8	6.0% 3.6% 4.4%	+/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments		6.0% 3.6% 4.4% 4.7%	+/-0.1 +/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments 10 or more apartments		6.0% 3.6% 4.4% 4.7% 12.7%	+/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments 10 or more apartments	type of housing	6.0% 3.6% 4.4% 4.7% 12.7%	+/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments 10 or more apartments Mobile home or other	type of housing	6.0% 3.6% 4.4% 4.7% 12.7%	+/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments 10 or more apartments Mobile home or other to YEAR STRUCTURE BU	type of housing	6.0% 3.6% 4.4% 4.7% 12.7% 5.8%	+/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments 10 or more apartments Mobile home or other YEAR STRUCTURE BU 2010 or later	type of housing	6.0% 3.6% 4.4% 4.7% 12.7% 5.8%	+/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments 10 or more apartments Mobile home or other YEAR STRUCTURE BU 2010 or later 2000 to 2009	type of housing	6.0% 3.6% 4.4% 4.7% 12.7% 5.8% 1.6% 14.8%	+/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1	
Civilian Emp Own childre All parent	1, detached 1, attached 2 apartments 3 or 4 apartments 5 to 9 apartments 10 or more apartments Mobile home or other YEAR STRUCTURE BU 2010 or later 2000 to 2009 1980 to 1999	type of housing	6.0% 3.6% 4.4% 4.7% 12.7% 5.8% 1.6% 14.8% 27.9%	+/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1 +/-0.1	

ACS New Tables

- B09021: Living arrangements by age for adults 18 years and over
- B25031: Median gross rent by number of bedrooms for renteroccupied housing units

Subject Tables:

- Computer & Internet Use (S2801 & S
- Health Insurance (S2703 & S2704)
- Bachelor's Field of Degree (S1502)

Table ID	Line Num		Description			
B25031			MEDIAN GROSS RENT BY BEDROOMS			
B25031			Universe: Renter-occupied housing units paying cash rent			
B25031	0.5		Median gross rent			
B25031	1		Total:			
B25031	2		No bedroom			
B25031	3		1 bedroom			
B25031	4		2 bedrooms			
B25031	325031 5		3 bedrooms			
B25031	25031 6		4 bedrooms			
B25031	7		5 or more bedrooms			
B09021 1	4	Oth	er nonrelatives			
B09021 1	5	35 to	64 years:			
B09021 1	6	Live	es alone			
B09021 1	7	Hou	iseholder living with spouse or spouse of householder			
B09021 1	8	Hou	seholder living with unmarried partner or unmarried partner of householder			
B09021 1	9	Chi	ld of householder			
B09021 2	0	Oth	er relatives			
	1	Oth	er nonrelatives			
SP28022	2	65 ye	ars and over:			
	3	Live	es alone			
B09021 2	.4	Hou	seholder living with spouse or spouse of householder			
B09021 2	.5	Hou	seholder living with unmarried partner or unmarried partner of householder			
B09021 2	.6	Chil	d of householder			
B09021 2	7	Oth	er relatives			
B09021 2	8	Oth	er nonrelatives			

www2.census.gov/programs-surveys/acs/tech_docs/table_shells/2014/



ACS Noteworthy Data Product Modifications

Housing:

- Year-based distributions updated:
 - Year Structure Built was expanded to "2014 or later"
 - Year Moved Into Unit was expanded to "2015 or later"
- Upper distribution categories were expanded for several monetary variables:
 - Gross rent (\$3,500 or more)
 - Housing value (\$2 million or more)
 - Selected monthly owner costs (SMOC)
 - With a mortgage (\$4,000 or more)
 - Without a mortgage (\$1,500 or more)
 - Monthly Housing Costs (\$3,000 or more)

Foreign Born:

B05002: Lists regions of birth for each foreign born citizenship category

census.gov/programs-surveys/acs/technical-documentation/table-and-geographychanges.2015.html



U.S. Department of Commerce Economics and Statistics Administration census.dov

ACS Subject Table Improvements

- Expanded:
 - Topic content
 - Data format (totals now accompany percentages)
- The following Subject Tables were improved:
 - Education (S1401, S1501)
 - Language (S1601, S1602, S1603)
 - Poverty (S1701, S1702)
 - Disability (S1810)
 - SNAP/Food Stamps (S2201)
 - Veterans (S2101)
 - Labor Force (S2301, S2302, S2303)
 - Industry and Occupation (S2401-S2404, S2408, S2409, S2411-S2414, S2418, S2419)
 - Health Insurance (S2701)

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



U.S. Department of Commerce Statistics Administration census.dov

2014 Table S1501 Educational Attainment

	United States					
	Tot	al	Ма	Ferr		
Subject	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	
Population 18 to 24 years	31,554,009	+/-39,123	16,172,368	+/-22,179	15,381,641	
Less than high school graduate	13.9%	+/-0.1	15.9%	+/-0.1	11.8%	
High school graduate (includes equivalency)	30.2%	+/-0.1	33.2%	+/-0.2	27.1%	
Some college or associate's degree	45.8%	+/-0.2	42.7%	+/-0.2	49.1%	
Bachelor's degree or higher	10.1%	+/-0.1	8.2%	+/-0.1	12.0%	
Population 25 years and over Less than 9th grade 9th to 12th grade, no diploma High school graduate (includes equivalency) Some college, no degree	213,725,624 5.6% 7.5% 27.7% 21.0%	+/-64,850 +/-0.1 +/-0.1 +/-0.1 +/-0.1	103,101,814 5.8% 8.0% 28.5% 20.6%	+/-39,086 +/-0.1 +/-0.1 +/-0.1 +/-0.1	110,623,810 5.5% 7.0% 27.0% 21.3%	
Associate's degree	8.2%	+/-0.1	7.2%	+/-0.1	9.0%	
Bachelor's degree	18.7%	+/-0.1	18.5%	+/-0.1	18.8%	
Graduate or professional degree	11.4%	+/-0.1	11.4%	+/-0.1	11.4%	
Percent high school graduate or higher	86.9%	+/-0.1	86.2%	+/-0.1	87.5%	
Percent bachelor's degree or higher	30.1%	+/-0.1	29.9%	+/-0.1	30.2%	
Population 25 to 34 years	43,323,099	+/-33,262	21,836,161	+/-24,342	21,486,938	



2015 Table S1501 Educational Attainment

	United States								
-	Total		Perc	Percent		Males		Percent Males	
Subject	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT									
White alone High school graduate or higher									
Bachelor's degree or higher									
Black alone									
High school graduate or higher									
Bachelor's degree or higher									
American Indian or Alaska Native alone High school									
graduate or higher									



2015 ACS 1-Year Supplemental Estimates Tables

- 59 Detailed Tables for geographies with populations of 20,000+
- Available for same geographic summary levels as 1-year dataset
- Planned release is October 20th
- Access via American FactFinder and Census Bureau's Application Programming Interface



Comparison of Tables: Travel Time to Work

2014 ACS 1-Year Estimates

	Jefferson Parish, Louisiana				
	Estimate	Margin of Error			
Total:	201,514	+/-4,182			
Less than 5 minutes	3,092	+/-816			
5 to 9 minutes	13,671	+/-1,877			
10 to 14 minutes	27,539	+/-2,817			
15 to 19 minutes	38,258	+/-2,849			
20 to 24 minutes	41,499	+/-2,742			
25 to 29 minutes	13,485	+/-2,390			
30 to 34 minutes	32,001	+/-3,724			
35 to 39 minutes	6,708	+/-1,574			
40 to 44 minutes	5,613	+/-1,604			
45 to 59 minutes	10,356	+/-1,545			
60 to 89 minutes	5,886	+/-1,351			
90 or more minutes	3,406	+/-1,121			

2014 ACS 1-Year Supplemental Estimates

	Plaquemines Parish, Louisiana					
	Estimate	Margin of Error				
Total:	11,496	+/-1,124				
Less than 10 minutes	2,537	+/-719				
10 to 29 minutes	6,020	+/-1,198				
30 to 59 minutes	2,345	+/-744				
60 minutes or more	594	+/-455				



ACS Geography Update

Merged cities in Georgia and Minnesota

Helena, Georgia McRae, Georgia



Carlton, Minnesota

McRae-Helena, Georgia

Places that no longer exist

Islandia city, Florida

Thompson, Minnesota

Carlton, Minnesota

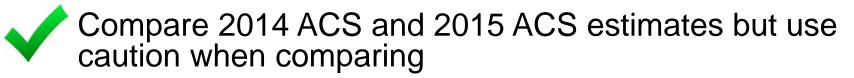
- Millville city, Iowa
- Boundary changes due to annexation, disincorporation, and geocoding updates

census.gov/programs-surveys/acs/technical-documentation/table-andgeography-changes.html



Guidance for ACS Users

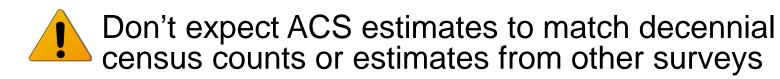




•Income, Earnings, and Poverty



Compare percentages, means, medians, and rates instead of totals whenever possible



census.gov/programs-surveys/acs/guidance/comparing-acs-data/2015.html



CPS vs. ACS

- 2015 income, poverty, and health insurance estimates from the CPS will be released Tuesday, September 13th
- Estimates from CPS and ACS differ for a number of reasons, but trends over time tend to be similar across the surveys
- Recommendations:
 - National estimates —> CPS
 - Subnational estimates ACS

blogs.census.gov/



ACS Website

	/				U.S. Department of Co	ommerce Blogs Inc	lex A-Z Glossary FAQs
Census					9 Search		•
Bureau	Topics Population, Economy	Geography Maps, Products	Library Infographics, Publications	Data Tools, Developers	Surveys/Programs Respond, Survey Data	Newsroom News, Blogs	About Us Our Research
Census.gov > Our Surveys & Prog	grams > American Commun	ity Survey (ACS)					
American Cor	mmunity S	urvey (A	ACS)				
About the Survey			nelps local officials, com				
Respond to the Survey	premier source for		es taking place in their control the the state of the sta		e		
News & Updates	workforce.				The second		2042d
Data				LAN ZUL TUB			
Guidance for Data Users	****		200 Austin Comment Briefs	TURDA		NO CO	
Geography & ACS	*****		And	거나 귀 그		A MAR	- Carte
Technical Documentation	What is the ACS?	How d	lo I respond to	here can I get ACS		T.Y.	
Methodology		the A		ata?		The second	
Library					-		
Operations and Administration							
Contact Us	Latest						
	Data	News	Events	Library			
Respond to the ACS Learn how		upcoming ACS of	data releases, including ith populations of 65,00	-	ease on		

census.gov/acs



2015 Data Release Information

Census.gov > Our Surveys & Programs > American Community Survey (ACS) > News & Updates > Data Releases

American Community Survey (ACS)

About the Survey	Data Releas	ses					
Respond to the Survey	Tweet Sha	ire					
News & Updates							
Data Releases	Leading up to the	annual release	of new datasets, th	e Census Bureau	publishes a sched	lule, notes ab	
News		new estimates or new guidance, and technical information about geography and product changes. Users can also browse the notes from previous years using the tabs below.					
Updates		and noted norm p	conodo youro doing	the tabe below.			
Events	2015	2014	2013	2012	2011		
Data	2013	2014	2013	2012	2011		
Guidance for Data Users	Details About	t the 2015 Re	lease				
Geography & ACS							
Technical Documentation	2015 Data Release New and Notable Learn more about items of interest related to the 2015 ACS release.						
Methodology	2015 Data Relea	2015 Data Release Schedule					
Library	Review the dates	and component	s of the 2015 ACS	release.			

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



Data Tables & Tools

American Community Survey

About the Survey
Respond to the Survey
News & Updates
Data

Ran	king	Tab	les

News & Updates	Show 30 - entries	Filter by keyword:		
Data	Table Title 🍦	Торіс	Table 🔺 ID	
Data Tables & Tools	Percent Of The Total Population Who Are White Alone	Race	R0201	
Data Profiles	Percent Of The Total Population Who Are Black Or African American	Race	R0202	
Narrative Profiles	Alone	Rate	R0202	
Subject Tables	Percent Of The Total Population Who Are American Indian And Alaska	Race	R0203	
Ranking Tables	Native Alone			
American FactFinder	Percent Of The Total Population Who Are Asian Alone	Race	R0204	
Statistical Testing Tool	Percent Of The Total Population Who Are Native Hawaiian And Other	Race	R0205	
Easy Stats	Pacific Islander Alone			
My Congressional	Percent Of The Total Population Who Are Some Other Race Alone	Race	R0206	
District	Percent Of The Total Population Who Are Two Or More Races	Race	R0207	
Data via FTP	Percent Of The Total Population Who Are Two Or More Races Excluding	Race	R0208	
Summary File Data	Some Other Race			
PUMS Data	Percent Of The Total Population Who Are White Alone, Not Hispanic Or Latino	Race	R0209	
Variance Replicate				
Tables	Percent Of People Who Are Foreign Born	Foreign Born; Citizenship; Year of Entry: Nativity	R0501	
Race/Ethnicity & AIAN Data	Percent Of Foreign-Born People Born In Europe	Foreign Born; Citizenship; Year of	R0502	
Custom Tables		Entry; Nativity		
Guidance for Data Users	Percent Of Foreign-Born People Born In Asia	Foreign Born; Citizenship; Year of Entry; Nativity	R0503	

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



Comparison Guidance

Census.gov > American Community Survey (ACS) > Guidance for Data Users > Comparing ACS Data > 2015

American Community Survey (ACS)

About the Survey	Compar	ing 2015 American Co	ommunity Survey Dat	ta				
Respond to the Survey	Tweet	-	, , ,					
News & Updates								
Data	Learn more about making the following comparisons:							
Guidance for Data Users	 Comparing the 2015 ACS estimates with Census 2000 (second column below) Comparing the 2015 ACS 1-year with the 2014 ACS 1-year estimates (third column below) Comparing the 2015 ACS estimates with 2010 Census (fourth column below) 							
Subjects Included in the Survey								
Which Data Tool Should I Use?								
When to Use 1-year, 3-year, or 5-year Estimates	Subject Area*	2015 ACS (2015 ACS 1-Year and 2011-2015 ACS 5-Year) with Census 2000	2015 ACS 1-Year with 2014 ACS 1-Year	2015 ACS (2015 ACS 1-Year and 2011-2015 ACS 5-Year) with 2010 Census				
Handbooks		1						
Comparing ACS Data	Expand All	Expand All Age and Sex (01)						
Training Presentations	Age and							
Geography & ACS	Race (0	2)						
Technical Documentation	· · ·	 Hispanic Origin (03) 						
Methodology	Ancestr	y (04)						
Library	Eoreign	Born; Citizenship; Year of	Entry: Nativity (05)					
Operations and Administration		f Birth (06)	(00)					
Contact Us	Resider	nce 1 year ago; Migration (07)					

census.gov/programs-surveys/acs/guidance/comparing-acs-data/2015.html



Documentation

American Community Survey (ACS)

About the Survey	Code Lists	Definition	is, and Accura	ICV.					
Respond to the Survey	Tweet Sha		io, una ricoure	,					
News & Updates									
Data	View the detailed codes and definitions for variables, statistical testing, and an explanation of sample design, methodology, and accuracy for the American Community Survey.								
Guidance for Data Users	design, methodo	design, methodology, and accuracy for the American Community Survey.							
Geography & ACS	2015	2014	2013	2012	2011				
Technical Documentation									
Code Lists, Definitions, and Accuracy	Code Lists Detailed codes for	or variables that	t contain a large	Comparis	on Guidance				
User Notes		responses, suc	ch as ancestry and						
Errata	occupation	ada Liata (4.0 N	401						
Data Suppression	🔎 2015 Co	ode Lists [1.2 M	ИВJ						
Table & Geography Changes	Subject Definitions			Accuracy of the Data					
Summary File Documentation			0	A basic explanation of the sample design, estimation methodology, and accuracy of the data					
PUMS Documentation	Community Surve	-							
Variance Replicate Tables Documentation	🔎 2015 Sι	ibject Definition	ns [7.9 MB]						
Race/Ethnicity and	Group Quarte	nitions of population and housing variables o you understand the results of the America nmunity Survey 2015 Subject Definitions [7.9 MB]							
AIAN Release Documentation	Definitions for cla	,							
Methodology	according to the t provided	spe of nousing	anu/or services						
Library	کم الح	oup Quarters I	Definitions [1.1 MB]						

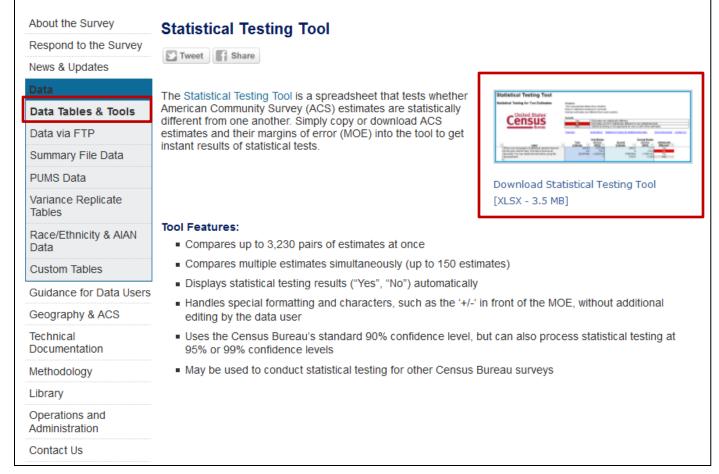
census.gov/programs-surveys/acs/technical-documentation/code-lists.html



Statistical Testing Tool

Census.gov > American Community Survey (ACS) > Data > Data Tables & Tools > Statistical Testing Tool

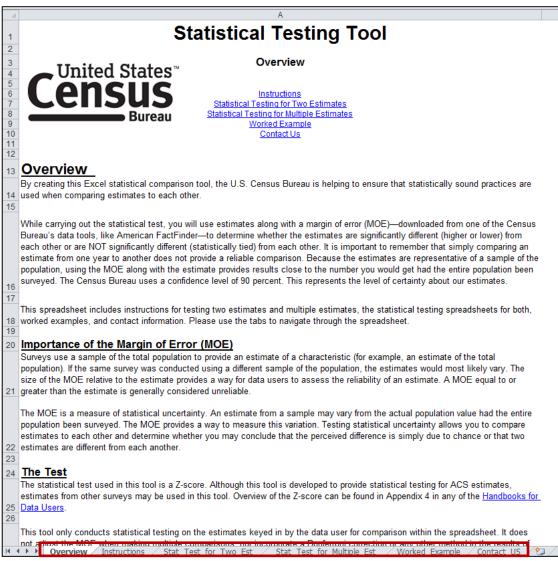
American Community Survey (ACS)



census.gov/programs-surveys/acs/data/data-tables-and-tools/statistical-testing-tool.html



Overview of Tool





Statistical Testing for Two Estimates

Statistical Testing Tool

Statistical Testing for Two Estimates



This spreadsheet determines whether there is statistical evidence to conclude that two estimates are different from each another.



No Estimates are statistically different. N/A Estimates are NOT statistically different (or are statistically tied). N/A Statistical testing is not applicable for one or both of the estimates.

		Overview	Instructions	Statistical	Testing for Multiple Esti	mates Worked	ked Example Contact Us				
						Second					
			First N	<u>largin</u>		Margin of					
		<u>First</u>	of E	rror	Second	Error	Statistically				
Ŧ	Label 🗸	Estimate	- <u>(MC</u>	<u>) –</u>	Estimate 🕞	<u>(MOE)</u> -	Different?				
1	Total	73,52	3 +/	/-2,477	75,815	+/-2,136	No				
2	No vehicle available	65	2	+/-559	693	+/-425	No 🔵				
3	1 vehicle available	9,63	3 +/	/-1,851	11,197	+/-1,726	INO				
4	2 vehicles available	28,46	9 +/	/-2,638	28,501	+/-3,007	No				
5	3 vehicles available	22,66	0 +/	/-2,488	17,161	+/-2,564	Yes				
6	4 vehicles available	7,27	2 +/	/-2,074	11,672	+/-2,848	Yes				
7	5 or more vehicles available	4,83	7 +/	/-2,036	6,591	+/-2,037	No				

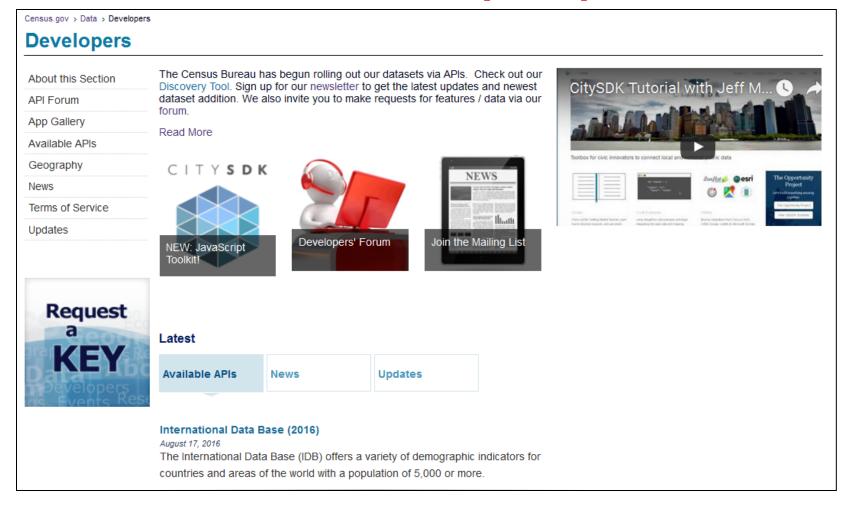


Statistical Testing for Multiple Estimates

Statistical Testing for Multiple Est	Purpose This spreadsheet determines whether there is statistical evidence to conclude that two estimates are different from each another.			How to Use this spreadsheet: 1. Download data into an Excel or CSV (comma separal 2. Insert geography or statistical variable keyword into "L 3. Insert number or percentage estimates into "Estimate 4. Insert margins of error (MOE) into "Margin of Error (M						
Census Bureau					 Insert margins of error (MOE) into "Margin of Error (M Sort the data by the "Estimate" column in ascending (Recommended to sort the data before pasting it into If the estimates use a standard error (SE) instead of "1.645" to "1" in the <u>"Parameters"</u> column. (Optional) To change the confidence level, scroll to th column to the desired confidence level (e.g., 95). 				ding t into ad of to th	
Label		Estimate→	Margin of Error (MOE	Label		Label	Maryland	Calvert County, Maryland	arles County, M	ot. Mary s County, Maryland
	Ť		1				1	2		" 4
1 Maryland		9.10%	0.4		Maryland	1	X	_	YesY	·
2 Calvert County, Marylar 3 Charles County, Maryla	nd	3.30% 4.80%	1.4 1.5	Calvert Count Charles Count	y, Maryland	2	Yes	No	X	10
4 St. Mary's County, Mary	land	4.80%	1.9	St. Mary's Count	v. Marvland	4	Yes			~



Application Programming Interface (API)



census.gov/developers



Future ACS Data Releases

2015 ACS 1-Year Supplemental Estimates (Geographies of 20,000+)

Thursday, October 20: Public Release

2011-2015 ACS 5-Year Estimates (All geographic areas)

- Tuesday, December 6: Embargo Begins
- Thursday, December 8: Public Release

Public Use Microdata Sample Files (PUMS)

- Thursday, October 20: 2015 1-Year PUMS File
- January 19, 2017: 2011-2015 5-Year PUMS File

2011-2015 Variance Replicate Estimates

January 19, 2017: Public Release

2015 Puerto Rico Community Survey 1-year and 5-year Spanish Release

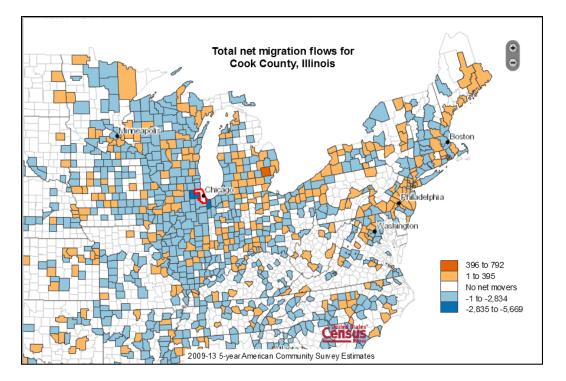
January 19, 2017: Public Release

census.gov/programs-surveys/acs/news/data-releases/2015/release-schedule.html



ACS Product Releases

- Voting-Age Population Profiles
- Census Flows Mapper: 2010-2014 ACS 5-year data



flowsmapper.geo.census.gov/



Source Us!

U.S. Census Bureau's 2015 American Community Survey



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).



Free high school equivalency testing in Rutherford County Wgnsradio - 5 hours ago According to the **American Community Survey**, approximately 700,000 Tennesseans have less than a high school diploma. National figures ...



Helping relatives raise children Newnan Times-Herald - Sep 2, 2015 United States, according to a 2013 American Community Survey, nearly 2.7 million grandparents are primarily responsible for grandchildren.



Continue the Conversation #ACSdata



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More information on the American Community Survey: http://www.census.gov/acs



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Public Information Office (Media) 301-763-3030



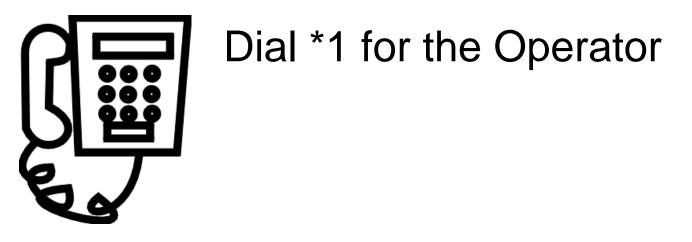
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Questions?



After Questions:

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

FactFinder

AMERICAN

AMERICAN COMMUNITY SURVEY

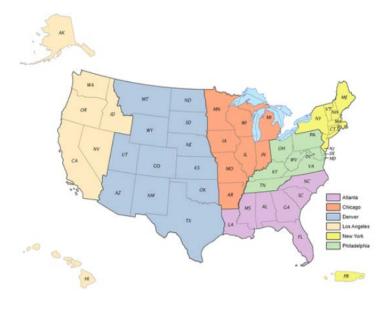
- Purpose of the ACS Data Users Group (DUG) is to improve understanding of the value and utility of ACS data and to promote information sharing among data users about key ACS data issues and applications
- Membership is free and open to all interested ACS data users
- Webinars and special sessions at professional meetings planned
- Next data users conference planned for 2017
- Users group website and online community

acsdatausers.org



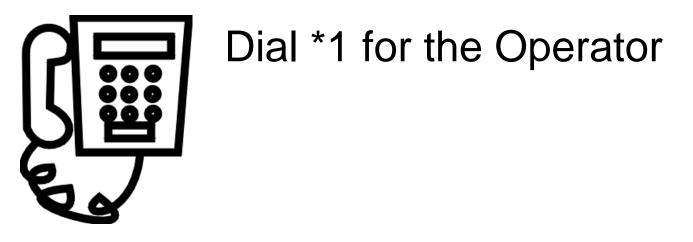
Need Local Stats?

- 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: clmso.ddb.questions@ census.gov





Questions?



After Questions:

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Reminder: Make sure your embargo password is up-to-date



Next Week's Releases: Sept 13

Tuesday, September 13th

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Using American FactFinder



factfinder.census.gov

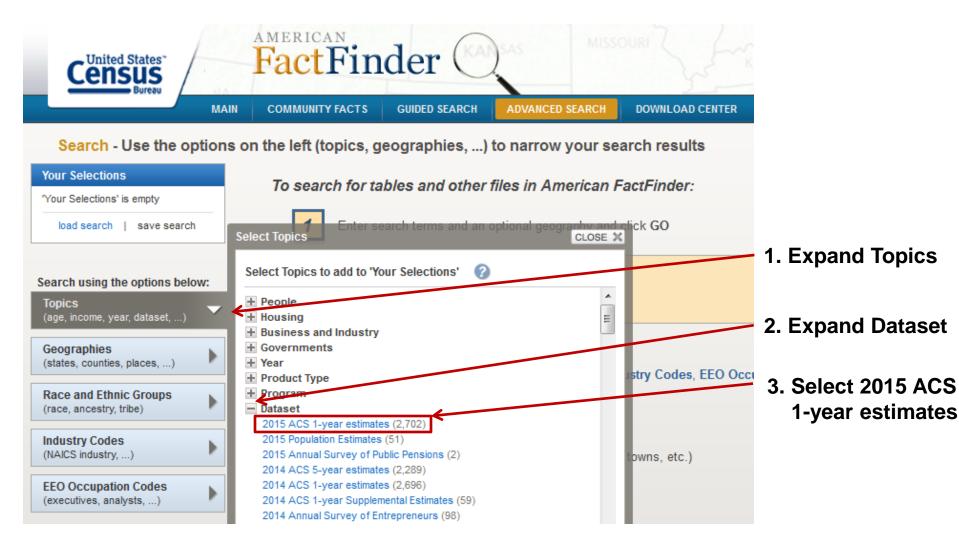


Advanced Search Page

Census Bureau	FactFinder					
MAIN	COMMUNITY FACTS	GUIDED SEARCH	ADVANCED SEARCH	DOWNLOAD CENTER		
Search - Use the options o	n the left (topics, ge	ographies,) to	narrow your sea	rch results		
Your Selections 'Your Selections' is empty	To search for ta	bles and other fi	les in American Fa	actFinder:		
load search save search	1 Enter s	earch terms and an	optional geography ar	nd click GO		
Search using the options below: Topics (age, income, year, dataset,)	to	pic or table name L () topics () race/	ancestry () industries	r place (optional) GO © occupations	0	
Geographies (states, counties, places,) Race and Ethnic Groups		from Topics , Race a	•	ndustry Codes, EEO (Occupation Codes.	
(race, ancestry, tribe) Industry Codes (NAICS industry,)		ne Search Results ar	e updated (states, counties, citie:	s, towns, etc.)		
EEO Occupation Codes (executives, analysts,)	• tr	nese are added to 'Y ne Search Results ar	our Selections'			
	3 Select of	one or more Search	Results and click Viev	N		

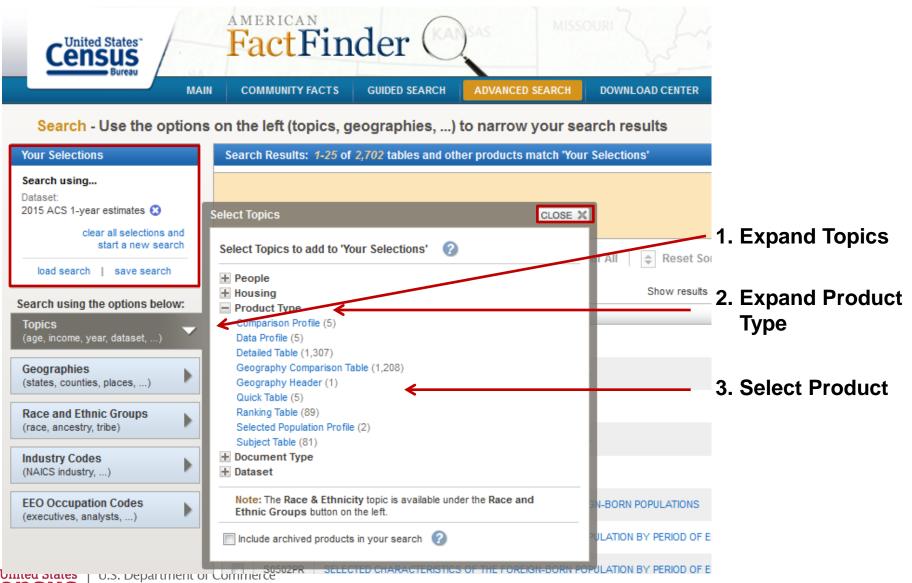


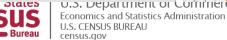
Selecting 2015 ACS 1-Year Estimates



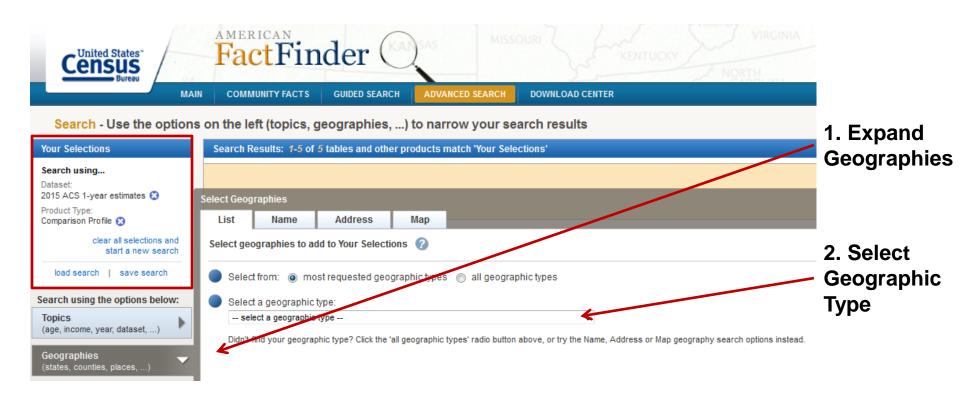


Selecting Product Type





Selecting Geography





Select Geography Type

Census Bureau	FactFinder	iback FAQs Glossary Help
MAIN	N COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH DOWNLOAD CENTER	
Search - Use the options	on the left (topics, geographies,) to narrow your search results	
Your Selections	Search Results: 1-5 of 5 tables and other products match 'Your Selections'	
Product Type:	Select Geographies	CLOSE X
Comparison Profile 😧 clear all selections and start a new search	List Name Address Map Select geographies to add to Your Selections ?	
load search save search	🔵 Select from: 💿 most requested geographic types 💿 all geographic types	
Search using the options below:	Select a geographic type:	
Topics (age, income, year, dataset,)	select a geographic type select a geographic type United States - 010 ne, Address or Map geography search options instead.	
Geographies (states, counties, places,)	Region - 020 Division - 030 State - 040	
Race and Ethnic Groups (race, ancestry, tribe)	County - 050 E 	
Industry Codes (NAICS industry,)	Equal Employment Opportunity County Set - 902	
EEO Occupation Codes (executives, analysts,)	Economic Place - E60 County (or part) - E65 Consolidated City - 170 	
	Congressional District - 500 School District (Elementary)/Remainder - 950 School District (Secondary)/Remainder - 960 School District (Unified)/Remainder - 970	



Finding Your Geography of Interest

Census Bureau	-	^{AMERICAN} FactFin	der 🕐	SAS MISSO		Feedback FAQs	Glossary Help
	MAIN	COMMUNITY FACTS	GUIDED SEARCH	ADVANCED SEARCH	DOWNLOAD CENTER		

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections	Search Results: 1-5 of 5 tables and other products match 'Your Selections'	
Search using Dataset:		
2015 ACS 1-year estimates 😢	Select Geographies	CLOSE 🗙
Product Type: Comparison Profile 😒	List Name Address Map	
clear all selections and start a new search	Select geographies to add to Your Selections 📀	
load search save search	🔵 Select from: 💿 most requested geographic types 💿 all geographic types	
Search using the options below:	Select a geographic type:	
Topics (age, income, year, dataset,)	Select a state:	
Geographies (states, counties, places,)	Ilinois 🗸	
Race and Ethnic Groups (race, ancestry, tribe)	Select one or more geographic areas and click Add to Your Selections: All Places within Illinois Arlington Heights village, Illinois	
Industry Codes (NAICS industry,)	Aurora city, Illinois Bloomington city, Illinois Bolingbrook village, Illinois	
EEO Occupation Codes (executives, analysts,)	Chicago city, Illinois Chicago city, Illinois Cicero town, Illinois	
	Decatur city, Illinois Elgin city, Illinois	
	ADD TO YOUR SELECTIONS () ABOUT THIS GEOGRAPHY	
	Didn't find your geographic type? Click the 'all geographic types' radio button above, or try the Name, Address or Map geography search options instead.	



AFF Search Results

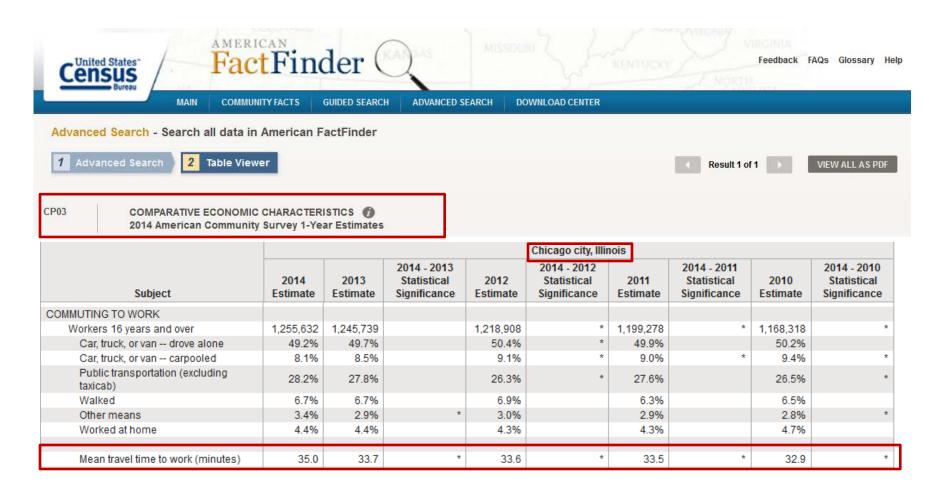


Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections	Search Results: 1-4 of 4 tables and other products match 'Your Selections' p					
Search using Dataset: 2015 ACS 1-year estimates Product Type: Comparison Profile 🔇	Refine your search results: topic or table name state, county a slace (optional) GO ?	1. Results Limited to Your				
Place within State Chicago city, Illinois 🕄	Selected: 🗟 View 🗊 Download 🐁 Compare 🗖 Clear All 🌲 Reset Sort 🕜	Selections 1 > *				
clear all selections and	Show results from: All available years 👻 All available program					
start a new search	ID 💠 Table, File or Document Title 💠 Dataset 💠 About					
load search save search	CP02 COMPARATIVE SOCIAL CHARACTERISTICS IN THE UNITED STATES 2015 ACS 1-year estimates	2. View Search				
Search using the options below:	CP03 COMPARATIVE ECONOMIC CHARACTERISTICS 2015 ACS 1-year estimates	Results				
Topics	CP04 COMPARATIVE HOUSING CHARACTERISTICS 2015 ACS 1-year estimates					
(age, income, year, dataset,)	CP05 COMPARATIVE DEMOGRAPHIC ESTIMATES 2015 ACS 1-year estimates	3. Click Table				
Geographies (states, counties, places,)	Selected: 📄 View 📗 Download 🐴 Compare 🗖 Clear All 🖨 Reset Sort 🕜	Title to View				
Race and Ethnic Groups (race, ancestry, tribe)						
Industry Codes (NAICS industry,)						
EEO Occupation Codes (executives, analysts,)						

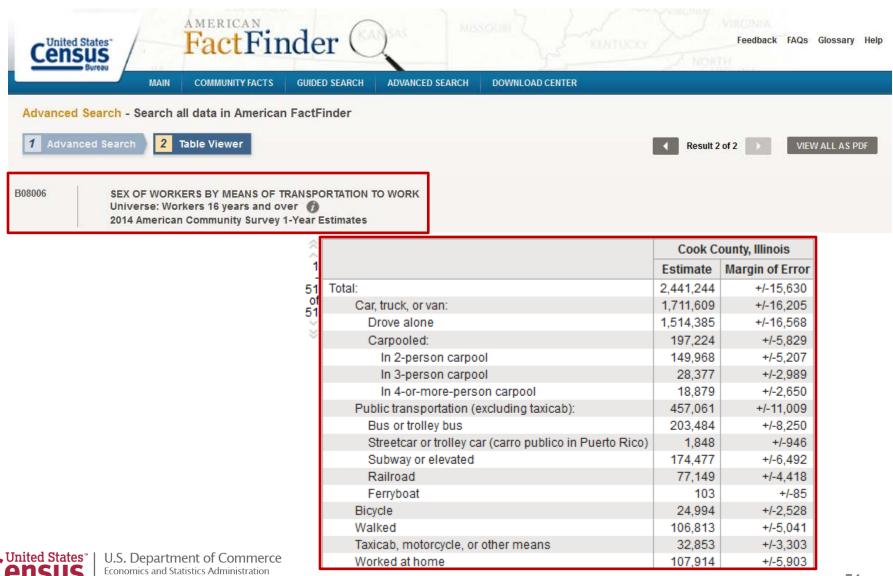


Comparison Profile





Detailed Table

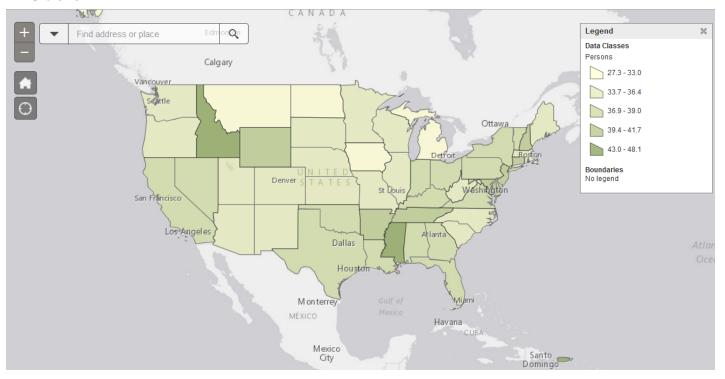




Create a Map

B08103	Universe: Workers 16	S OF TRANSPORTATION TO WORK years and over 🕜 nity Survey 1-Year Estimates	
Table View	Map View 💓		● BACK TO ADVANCED SEARCH
Actions:	Bookmark/Save 🕴 👘 Print	📄 Download 🔰 🖤 Create a Different Map	

Thematic Map of Estimate; Median age -- - Total: - Public transportation (excluding taxicab) Geography: by State





Ranking Table

Universe: Wo	Jnited States States; and Puerto R orkers 16 years and over who did no n Community Survey 1-Year Estimat	ot work at h	ome 👩					
Table View							◀ ВА	CK TO ADVANCED
Actions: 🕅 Modify Table 🛛 🛊	Add/Remove Geographies 🔄 B				🛛 🗮 Crea	ate a Map	Without Sta	tistical Significa
	Versions of this		-	aphy: United States ig: Geographical Area			~	
	table are available for the following	*	Rank	Geographical Area		Minute	• Margin of Error	
	years:	Î	Nullin	United States	otur olg.	26.0	+/-0.1	
	2014 🕨	53	1	New York		32.6	+/-0.1	
	2013	of 53	2	Maryland		32.3	+/-0.2	
	2012	53	3	New Jersey		31.1	+/-0.2	
	2011 رالم	- ×	4	District of Columbia		29.3	+/-0.6	
	2010		5	Massachusetts	#	28.8	+/-0.2	
	2009		6	Illinois	##	28.6	+/-0.2	
	2008		7	California		28.1	+/-0.1	
	2007		7	Virginia		28.1	+/-0.2	
	2006		9	Hawaii		27.9	+/-0.5	
	2005		10	Georgia		27.6	+/-0.2	
			11	New Hampshire		27.0	+/-0.5	
			12	Washington		26.8	+/-0.2	
			13 13	Florida Pennsylvania		26.4 26.4	+/-0.1 +/-0.2	



Geographic Comparison Table

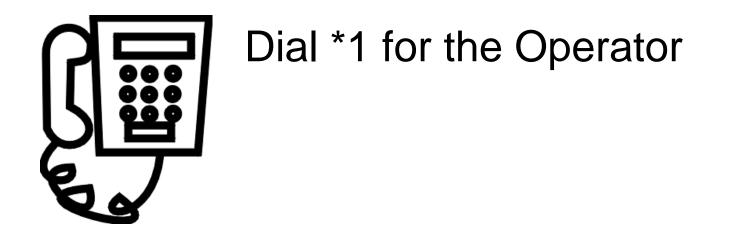
GCT0801

MEAN TRAVEL TIME TO WORK OF WORKERS 16 YEARS AND OVER WHO DID NOT WORK AT HOME (MINUTES) - United States -- Congressional District by State; and for Puerto Rico Universe: Workers 16 years and over who did not work at home 2014 American Community Survey 1-Year Estimates

Geographic Area	Minute	Margin of Error
Illinois	28.6	+/-0.2
Congressional District 1 (114th Congress)	34.9	+/-0.6
Congressional District 2 (114th Congress)	32.4	+/-0.7
Congressional District 3 (114th Congress)	33.5	+/-0.7
Congressional District 4 (114th Congress)	34.2	+/-0.6
Congressional District 5 (114th Congress)	33.4	+/-0.6
Congressional District 6 (114th Congress)	31.0	+/-0.7
Congressional District 7 (114th Congress)	32.0	+/-0.7
Congressional District 8 (114th Congress)	27.2	+/-0.5
Congressional District 9 (114th Congress)	32.5	+/-0.6
Congressional District 10 (114th Congress)	29.0	+/-0.7
Congressional District 11 (114th Congress)	30.3	+/-0.7
Congressional District 12 (114th Congress)	23.9	+/-0.6
Congressional District 13 (114th Congress)	20.7	+/-0.4
Congressional District 14 (114th Congress)	32.8	+/-0.7
Congressional District 15 (114th Congress)	21.1	+/-0.5
Congressional District 16 (114th Congress)	23.8	+/-0.6
Congressional District 17 (114th Congress)	21.1	+/-0.6
Congressional District 18 (114th Congress)	19.9	+/-0.4



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Evaluation





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