2007-2011 American Community Survey (ACS) 5-Year Estimates

Pre-Embargo Release Webinar December 3, 2012

Access the Audio Toll free number: 888-946-7210 Passcode: CENSUS URL: <u>https://www.mymeetings.com/nc/join</u> Conference number: PW7864542 Passcode: CENSUS



Speakers

Host	Stacy Gimbel Vidal Public Information Office
Presenter	Barbara Downs Chief, Data Analysis and User Education Branch American Community Survey Office



Webinar Outline

- Release Schedule
- ACS Basics
- What's New?
 - Data Product Changes
 - Methodological Improvements
 - ZIP Code Tabulation Areas (ZCTAs)
- Topic Briefs
- Comparison Guidance
- Navigating Census Bureau Websites



2011 ACS Release Schedule

2011 1-Year Estimates (Geographic Areas of 65,000+)

- Tuesday, September 18: Embargo Release
- Thursday, September 20: Public Release
 2009-2011 3-Year Estimates (Geographic Areas of 20,000+)
- Tuesday, October 23: Embargo Release
- Thursday, October 25: Public Release

2007-2011 5-Year Estimates (All Geographic Areas)

- Tuesday, December 4: Embargo Release
- Thursday, December 6: Public Release



2011 ACS PUMS Release Schedule

- Public Use Microdata Sample (PUMS) files contain individual housing unit and person records with limited geography to ensure confidentiality
- 2011 1-Year PUMS file: October 25
- 2009-2011 3-Year PUMS file: December 6
- 2007-2011 5-Year PUMS file: January, 2013



Basics: The Survey

- Fully implemented in 2005
- Ongoing survey that samples over 3.5 million addresses per year
- Collects data on a wide range of demographic, social, economic, and housing characteristics
- Multiple data collection modes
- Internet option beginning 2013
- Publishes annual estimates for small geographic areas and population groups



Basics: The Estimates

- Describe the average characteristics over a specific period of time
 - 1 year (12 months)
 - 3 years (36 months)
 - 5 years (60 months)
- Do not represent a single point in time
- 5-year estimates are NOT an average of five 1year estimates



Basics: The Estimates

- 5-year estimates cover period from Jan. 1, 2007 to Dec. 31, 2011
- Geographic boundaries as of Jan. 1, 2011
- Dollar values inflation adjusted to 2011 dollars
- Over 11 billion characteristic estimates
- Over 700,000 unique geographic areas
- Estimates published at census tract and block group level



Basics: Geography

	Percentage with Published ACS Estimates				
	1-Year	3-Year	5-Year		
United States	100	100	100		
State, DC, Puerto Rico	100	100	100		
County or equivalent	26	59	100		
Place (incorporated places and census designated places)	2	7	100		
Unified School District	8	27	100		
Census Tract	0	0	100		

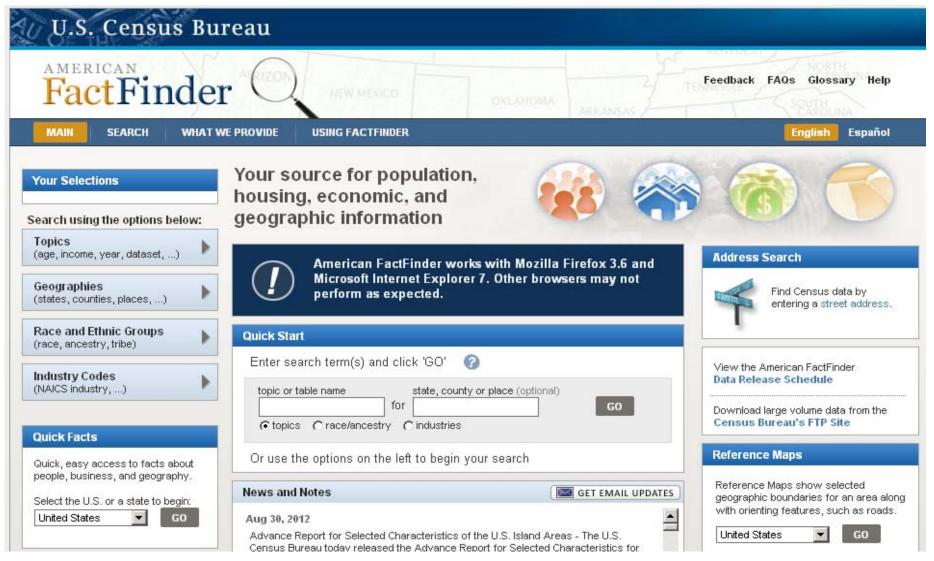


Basics: 5-Year Data Products

- Subset of the 1-Year and 3-Year Data Products
 - Fewer Detailed Tables
 - No Ranking Tables
 - No Comparison Profiles
 - No Selected Population Profiles
 - No Narrative Profiles
- Contains Fewer Topics
 - No Health Insurance Coverage (2008-2012)
 - No Disability Status (2008-2012)
 - No Marital History (2008-2012)
 - No Field of Bachelor's Degree (2009-2013)



http://factfinder2.census.gov



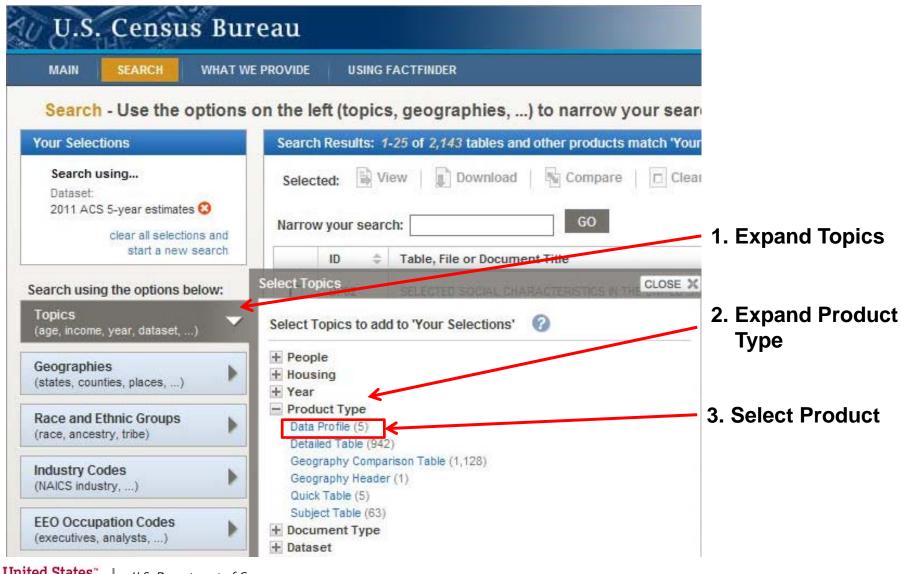


Selecting 2007-2011 ACS 5-Year Estimates

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Selecting Product Type





Selecting Geography

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	EEO Occupation Codes	State and click View



Selecting Geography

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Data Profiles

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Geographic Comparison Tables (GCTs)

- GCTs assist in comparing across geographies
- 78 characteristics
- Allow for comparisons across
 - States
 - Counties
 - Places
 - Metropolitan and Micropolitan Statistical Areas
 - Combined Statistical Areas
 - Congressional Districts
 - Urban/Rural Areas
 - Urbanized Areas
 - PUMAs
 - School Districts
 - American Indian Areas/Alaska Native Areas/Hawaiian Home Lands/Alaska Native Regional Corporations



Geographic Comparison Tables (GCTs)

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	any village, Illinois	89.3	+/-4.2		
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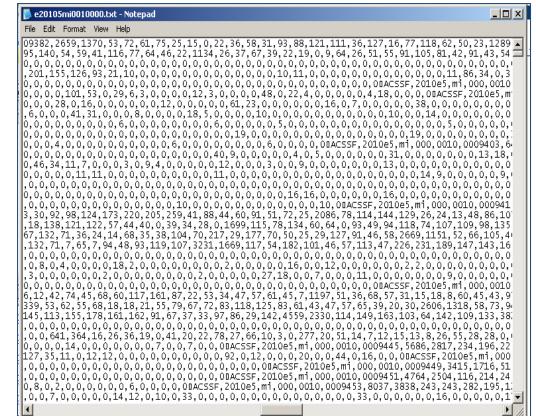
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Summary Files

- Set of commadelimited text files
- All Detailed Tables
 available
- Only source for Block Group estimates
- Available via FTP site or DataFerrett





Summary File Retrieval Tool

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Step 2: Select a table



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http://www.census.gov/acs/www/data_documentation/ ¹⁷ summary_file/ 20

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5-Year Data Product Changes

- 6 New Tables Providing Additional Detail:
 - 4 migration
 - 2 commuting
- 2 New Detailed Tables Providing New Content:
 - 1 commuting
 - B08604
 - 1 employment
 - B23025
- S1601 "Language Spoken at Home" modified to include information on language spoken at home for citizens 18 years and over
- All tables, except block group tables, available on AFF



Methodological Improvements

- ACS made a number of methodological changes in 2011 to improve estimate accuracy and reliability
 - Expanded the sample from about 2.9 million addresses to 3.54 million addresses
 - Increased personal visit follow up sampling rates in select American Indian areas, Alaska Native Village Statistical areas, Hawaiian Home Lands, and remote Alaska
 - Reallocated sample from larger to smaller Census tracts
 - Changed group quarters (GQ) estimation methodology to improve sub-state estimates of the GQ population and its characteristics



ZIP Code Tabulation Areas (ZCTAs)

- ZCTAs are approximate area representations of ZIP Code service areas
- The most frequently occurring ZIP Code for addresses in an area is the ZCTA code
- Some ZIP Codes represent very few addresses (sometimes only one) and therefore will not appear in the ZCTA universe



Upcoming ACS 5-Year Briefs

• 2007-2011 5-Year Briefs

- Poverty Levels by Race and Ethnicity: 2007-2011
- Where Do the Rich Live? The Geographic Distribution of the Top 5%
- The Centenarian Population in the U.S.: 2007-2011



Comparison Guidance

- Compare across geographies and population subgroups
- Be careful comparing across data sets
 - Do not compare 2007-2011 ACS 5-year estimates to 2006-2010 ACS 5-year estimates
 - Do not mix 1-year, 3-year, and 5-year estimates when making comparisons
- Compare percents, means, medians, and rates instead of totals whenever possible
- Don't expect ACS estimates to match decennial Census counts or estimates from other surveys
 - <u>http://blogs.census.gov/</u> (September 6)



Comparing ACS and Census

• Comparison Guidance –

More detailed explanation of how differences impact comparability

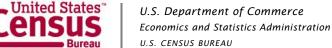
• Table Comparison Tool –

Helps you locate comparable ACS and Census 2000 Detailed Tables



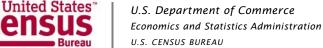
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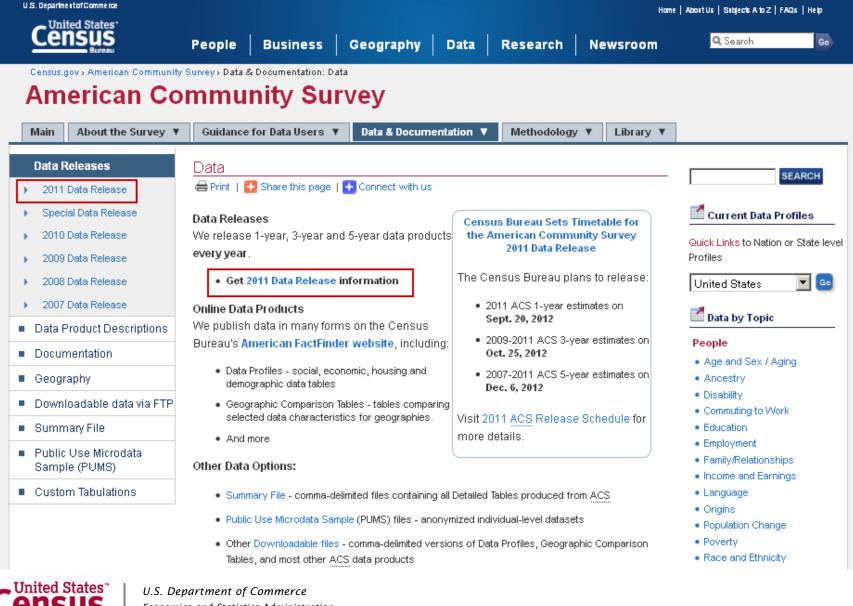
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http://www.census.gov/acs/www/data_documentation/



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2008 Data Release The Census Bureau plans to release 2007-2011 ACS 5-year estimates and 2009-2 December 6, 2012. For more information on the release schedule, visit 2011 ACS		JMS files on Thursday,
2007 Data Release	Release Schedule.	
Data Product Descriptions Zip Code Tabulation Areas (ZCTA) will be released on December 6, 2012.		
Documentation The 2007-2011 ACS 5-year release will be the first ACS release to include Zip Cod	de Tabulation Areas	(ZCTA). Prepare for the
 Geography release by learning how ZCTAs are different from Zip Codes. 		
Downloadable data via FTP New tables for the 2007-2011 ACS 5-year release		
Summary File Visit 2011 Product Changes for a list and description of new, modified and deleted	I tables.	
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Main	About the Survey	V	Guidance for Data Users	▼ Data & Documentation ▼	Methodology 🔻 Library	V
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United States"				Home Abou	ut Us Subjects Ato Z FAQs Help			
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Census	People Business 0	Geography Data I	Research Newsroo	om Q Search Go			
Census.gov > American Community Survey > Guidance for Data Users: Comparing ACS Data > Comparing 2011 American Community Survey Data							
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Main About the Survey	Guidance for Data Users ▼	Data & Documentation	Methodology V	Library 🔻			
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Main About the Survey v	Guidance for Data Users	V Data & Docum	entation 🔻	Methodology 🔻	Library V			
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or 5-year Estimates	Census 2000 SF3 detailed tables.	Or downlo	ad all table comparison	IS [PDF 96KB].		Related Resources
Comparing ACS Data						Get ACS detailed tables on American FactFinder
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Recap

- Wide range of local statistics
- People, housing and economy
- Embargo begins tomorrow at 10:00 a.m. http://www.census.gov/newsroom/embargo.html
- Public release on Thursday



References

ACS Information http://www.census.gov/acs/

Data User Guidance http://www.census.gov/acs/www/guidance_for_data_users/

American FactFinder: http://factfinder2.census.gov

ACS Summary File via FTP: http://www2.census.gov

Data Ferrett: http://dataferrett.census.gov

QuickFacts: http://quickfacts.census.gov



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40