Data on a Deadline: Quick Reports & Interactive Maps

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Agenda

- Overview of Census Bureau Programs/Surveys
- Overview of the American Community Survey (ACS)
- Census Geography
- Accessing ACS data products
- Continue the conversation
- Resources for learning more
- Questions
What does the Census Bureau do?

**Decennial Census**
- Every 10 years, Counts Residents

**American Community Survey (ACS)**
- Annual Social, Economic and Housing data

**Other Surveys and Censuses**
- Current Population Survey (CPS)
- National Crime and Victimization Survey (NCVS)
- Health Interview Survey (HIS)
- Consumer Expenditure Survey (CE)
- Population Estimates
- Economic Census
- Census of Governments

**Periodical Surveys**
- American Housing Survey (2015)

*The Census Bureau's mission is to serve as the leading source of quality data about the nation's people and economy.*

http://www.census.gov/programs-surveys/surveys-programs.html
What is the ACS?

An ongoing monthly survey sent to 3.5 million addresses

- Data collection through four modes: Internet, Mail, Telephone, Personal Visit

Annually produces 1-year and 5-year period datasets:
- Detailed population and housing estimates previously collected on the decennial long form
- **Critical information on small areas and small population groups**
- Over 11 billion estimates for over 35,000 communities
2010 Census vs. ACS

2010 Census

- 100 % Data
- How many people live in the U.S.?
- Point in time
  April 1, 2010
- Count - People, Housing units,

American Community Survey

- Sample Data
- How do people live in the U.S.?
- Period in Time
  1yr, 5yr
- Characteristics
  Income, Poverty, Education

2000 Long Form
SF3 & SF4
Items in red were also collected on the 2010 Census

Demographic Characteristics
- Age
- Sex
- Race
- Hispanic Origin
- Household Relationship
- Group Quarters

Social Characteristics
- Families
- Education
- Marital Status
- Fertility
- Grandparent Caregivers
- Veterans
- Disability Status
- Place of Birth
- Citizenship
- Year of Entry
- Language Spoken at Home
- Ancestry/ Tribal Affiliation

Economic Characteristics
- Income
- Poverty
- Benefits
- Employment Status
- Occupation
- Industry
- Commuting to Work

Housing Characteristics
- Tenure (Rent/Own)
- Occupancy
- Structure
- Housing Value
- Taxes & Insurance
- Utilities
- Mortgage/ Monthly Rent
<table>
<thead>
<tr>
<th>Data Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Profiles</td>
<td>Provide broad social, economic, housing, and demographic profiles.</td>
</tr>
<tr>
<td>Narrative profiles</td>
<td>Summarize the information in the data profiles using concise, nontechnical text.</td>
</tr>
<tr>
<td>Comparison profile</td>
<td>Compares over 5-year period selected enhancements.</td>
</tr>
<tr>
<td>Selected population profiles</td>
<td>Provide broad social, economic, and housing profiles for a large number of race, ethnic, ancestry, and country/region of birth groups.</td>
</tr>
<tr>
<td>Detailed tables</td>
<td>Provide access to the most detailed ACS data and cross tabulations of ACS variables.</td>
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<tr>
<td>Subject tables</td>
<td>Similar to data profiles but include more detailed ACS data, classified by subject.</td>
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<tr>
<td>Ranking tables</td>
<td>Provide state rankings of estimates across 86 key variables.</td>
</tr>
<tr>
<td>Geographic comparison tables</td>
<td>Compare geographic areas other than states (e.g., counties or congressional districts) for key variables.</td>
</tr>
<tr>
<td>Quick table</td>
<td>Predefined table with frequently requested information for a single geographic area.</td>
</tr>
</tbody>
</table>
ACS Data Sets

CURRENT DATA AVAILABLE

- Areas with a population 65,000+: 1-year estimates

All areas (incl. census tracts & block groups): 5-year estimates
Selected Census
Geographic Concepts—Legal Areas

- Nation
- States
- Counties
- Incorporated Places
- Minor Civil Divisions
- Congressional Districts
- School Districts
- Zip Codes
Selected Census Geographic Concepts—Statistical Areas

- Regions
- Divisions
- Census Designated Places
- Census County Divisions
- Public Use Microdata Areas (PUMA)
- Zip Code Tabulation Areas (ZCTAs)
- Census Tracts
- Block Groups
Small Area Census Geography
How it Fits Together

Census Tract > Place (City or CDP) > Census County Division (CCD) > County
Census Geography Hierarchy

Central axis describes a nesting relationship

- 600 to 3,000 population
- 240 to 1,200 housing units

Blocks are not defined by population and are the smallest geographic level at which data are ever released (Decennial Census, not the ACS)

- Cities and towns -- incorporated
- Census Designated Places (CDPs):
  - Unincorporated; no size threshold
  - Separate and distinct from city/town
  - Redefined each census

- 1,200 to 8,000 population (optimum 4,000)
- 480 to 3,200 housing units
Ways to Access

- ACS Main Page
- Data Tables and Tools
- Narrative Profiles
- QuickFacts
- Census Explorer
- Census Business Builder
- My Congressional District
- My Tribal Area
- OnTheMap for Emergency Management
- American FactFinder
- Application Programming Interface (API)
- Census Reporter
American Community Survey (ACS)

The American Community Survey helps local officials, community leaders and businesses understand the changes taking place in their communities. It is the premier source for detailed information about the American people and workforce.

Data Tables & Tools
The ACS provides data tables including Comparison and Selected Population Profiles, and Subject, Detailed, Ranking, and Geographic Comparison Tables.

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

census.gov/acs
Data Tables & Tools

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

When to use:
Browse statistics presented as a text-based report with plenty of colorful graphs and charts.

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

Population and Housing Narrative Profile
2009-2013 American Community Survey 5-Year Estimates

While the ACS produces sample-based population group and housing estimates used in this report, the Census Bureau's Population Estimates Program produces and disseminates official estimates of the population for the nation, states, counties, cities and towns, as well as estimates of housing units for states and counties. For more information see:
http://www.census.gov/compendia/

Note that for small geographic areas, the sample used for the Narrative Profile may be small as well. Users are encouraged to examine the detailed tables on American FactFinder that are associated with the Narrative Profile text. These tables provide additional information on sampling variability associated with the estimates in this report.

Geography: Pahrump, Nevada

Households and Families

In 2009-2013 there were 14,900 households in Pahrump, Nevada. The average household size was 2.4 people.

Families made up 70 percent of the households in Pahrump, Nevada. This figure includes both married-couple families (53 percent) and other families (17 percent). Of other families, 5 percent are female householder families with no husband present and own children under 18 years. Nonfamily households made up 30 percent of all households in Pahrump, Nevada. 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 household.

In Pahrump, Nevada, 25 percent of all households have one or more people under the age of 18; 45 percent of all households have one or more people 65 years and over.

Types of Households in Pahrump, Nevada in 2009-2013

- Married-couple families: 53.4%
- People living alone: 24.8%
- Other nonfamily households: 5.1%
- Other families: 16.5%
QuickFacts

When to use:
Find a fact fast. View selected estimates about social, economic, and housing characteristics for all states and counties, and for cities with more than 5,000 people.

census.gov/quickfacts
Census Explorer

When to use:
Explore selected estimates about people, education, income, and commuting in an interactive map to visualize how statistics change over time and across geographies.

census.gov/censusexplorer
Census Business Builder

When to use:
Offers prospective business owners selected Census Bureau statistics to guide their research into opening their new business.

census.gov/data/data-tools/cbb
My Congressional District

When to use: Access selected statistics about your Congressional district collected through the American Community Survey (ACS) and County Business Patterns (CBP).

census.gov/mycd/
My Tribal Area

When to use:
The Census Bureau collects data for the American Indian and Alaska Native (AIAN) population and publishes specific counts, estimates, and statistics. My Tribal Area gives you quick and easy access to selected statistics from the American Community Survey.

[census.gov/tribal/]
When to use:
Learn about social, economic, housing, and demographic characteristics from the ACS, for all current declared emergency zones. The types of emergencies include disasters, natural hazards, and weather events, such as: hurricanes and tropical storms, floods, winter storms, and wildfires disaster declaration areas

onthemap.ces.census.gov/em
American FactFinder

When to use:
Search all ACS data for all geographies down to the block group level

factfinder.census.gov
When to use:
The Census application programming interface (API) lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

census.gov/developers
Mobile Apps

Census PoP Quiz
Test your knowledge with Census PoP Quiz, a new population challenge about the 50 states and the District of Columbia from the U.S. Census Bureau.

America’s Economy
The America’s Economy app provides real-time updates for 19 key economic indicators released from the Census Bureau, BLS, and BEA.

dwellr
Download the U.S. Census Bureau’s dwellr app today to discover the top 25 U.S. cities and towns that best fit your lifestyle.

census.gov/mobile/
The Future of Census Bureau Data Dissemination Depends on YOU!

Visit data.census.gov and provide your feedback!

Please remember:

- This is an early preview; phased releases will continue as we develop, test, and incorporate user feedback.

- For official Census Bureau data, continue to use the tools available on Census.gov.
Census Reporter

When to use:
Place profiles and comparison pages provide a friendly interface for navigating data, including visualizations for a more useful first look. Census Reporter also offers handy tools for data comparison and makes it easy to create exports for further analysis in tabular or GIS formats.

censusreporter.org
Resources: Need Assistance?

U.S. Census Bureau
Data Dissemination Specialist

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Toll-free number:
1-844-ASK-DATA (1-844-275-2342)

For general questions:
census.askdata@census.gov
Questions?