The American Community Survey
and
State Legislative Districts

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Outline

• Updates
• American Community Survey
  – State Legislative Districts
  – Release Schedule
• Data Dissemination
Census Bureau Updates

- New Director
- Fiscal Year ‘13 Sequester Effects
- Fiscal Year ‘14 Budget Request
American Community Survey Updates

• Federal Congressional Action on ACS
• ACS Response – Mandatory vs. Voluntary
• Respondent Advocate
American Community Survey Updates

- Federal Congressional Action on ACS
- ACS Response
  - Mandatory vs. Voluntary
- Respondent Advocate
Census / ACS History

- **1790-1930**
  Census: one form to all households

- **1940-2000**
  Census: short form and long form

- **2000**
  ACS: large-scale demonstration

- **2005-present**
  ACS / PRCS: full implementation

- **2010**
  Census: short form only
Origins of the American Community Survey

- 1996: Testing began in 4 counties
- 1997-2004: First official year of data collection
- 2005: First 1-year products released
- 2006: First 3-year products released
- 2007: First 5-year products released
- 2008
- 2009
- 2010: April 1st – Census Day
ACS Content: Population

• SOCIAL
  – Ancestry
  – Citizenship & Year of Entry
  – Disability Status
  – Educational Attainment
  – Field of Degree
  – Health Insurance
  – Grandparents
  – Fertility
  – Language
  – Marital Status & History
  – Place of Birth
  – Migration
  – Relationship
  – School Enrollment
  – Veteran Status

• ECONOMIC
  – Employment & Work Status
  – Income & Earnings
  – Industry & Occupation
  – Class of Worker
  – Commuting
  – Poverty Status
  – SNAP Receipt

• DEMOGRAPHIC
  – Age & Sex
  – Race & Hispanic Origin

Red: Topics also in 2010 Census
ACS Content: Population

Question as it appears in the questionnaire.

25. Does this person have any of his/her own grandchildren under the age of 18 living in this house or apartment?
   □ Yes
   □ No → SKIP to question 26

b. Is this grandparent currently responsible for most of the basic needs of any grandchild(ren) under the age of 18 who live(s) in this house or apartment?
   □ Yes
   □ No → SKIP to question 26

c. How long has this grandparent been responsible for the(se) grandchild(ren)?
   If the grandparent is financially responsible for more than one grandchild, answer the question for the grandchild for whom the grandparent has been responsible for the longest period of time.
   □ Less than 6 months
   □ 6 to 11 months
   □ 1 or 2 years
   □ 3 or 4 years
   □ 5 or more years

Source: ACS-1(2009)KFI

COMMUNITY BENEFITS

Business
Daycare centers and other businesses use these data to develop new products and services for their communities.

Government
State and local governments, faith-based and other nonprofit organizations, and businesses use these data to plan, budget, and pay benefits.

www.census.gov
ACS Content: Housing

- Age of Householder
- House Heating Fuel
- **Household Size**
- Householder Statistics
- Kitchen Facilities
- **Occupancy and Vacancy**
- Plumbing Facilities
- Race of Householder
- Renter Statistics
- Rooms and Bedrooms
- Telephone Service
- Tenure
- Units in Structure
- Value of Home
- Vehicles Available
- Year Householder Moved Into Unit
- Year Structure Built

Red: Topics also in 2010 Census
ACS Content: Housing

Question as it appears in the questionnaire.

Which best describes this building?
Include all apartments, flats, etc., even if vacant.

☐ A mobile home
☐ A one-family house detached from any other house
☐ A one-family house attached to one or more houses
☐ A building with 2 apartments
☐ A building with 3 or 4 apartments
☐ A building with 5 to 9 apartments
☐ A building with 10 to 19 apartments
☐ A building with 20 to 49 apartments
☐ A building with 50 or more apartments
☐ Boat, RV, van, etc.

Source: ACS-1(2009)KFI

COMMUNITY BENEFITS

Housing
The U.S. Department of Housing and Urban Development uses these data to assess the multifamily housing market in local areas before issuing any funds for assisted housing.

State and local planners use data about the number of housing units by structure type to forecast the need for services such as roads and hospitals.

Health
The Indian Health Service and local health agencies use these data to assess the potential for the spread of communicable disease.

Emergency Preparedness
Federal, state, and local officials use these data to identify concentrations of mobile homes in tornado- and hurricane-prone areas in creating emergency-preparedness plans.

Banking
Data about the type of structure is used to assess fairness in home lending practices.

Energy
Data about utility costs by type of structure are used to analyze current energy supply and consumption and predict how consumption will change in the future.

www.census.gov
Selected Geographic Areas

Legal/Administrative Areas

• Nation
• States
• Counties
• Incorporated Places
• Minor Civil Divisions
• Congressional Districts
• State Legislative Districts
• School Districts

Statistical Areas

• Regions
• Census Designated Places
• Public Use Microdata Areas (PUMA)
• Census 2010 ZIP Code Tabulation Areas (ZCTAs)
• Census Tracts
• Block Groups (by FTP only)
Other ACS Uses

• Voting Rights
• Health Services
• Workforce Development
• Marketing Services
• Construction and Home Building
State Legislative Districts

• ACS is the sole source for state legislative district data
  – Retabulation, by state legislative district, of the 100% data from the decennial was canceled due to budgetary constraints.

• State legislative districts only available in the ACS 5-year estimates.
  – Allows for consistent national coverage as some state legislative districts do not meet the 1-year and/or 3-year estimate thresholds.

• Individual State Legislative District Maps available for the first time from the Census
Congressional District and State Legislative District Data

- 113th Congressional districts out in late 2013
  - First full ACS for 113th Congressional Districts

- New State Legislative Districts out in late 2013
  - Upper and Lower Houses

- Abbreviated number of geographies (summary levels) in the 2012 release at the end of 2013.
New Methods of Dissemination

- Census API
- Apps
- TIGER Web
Census API

Enabling

Mobile Applications

Online Services

Web Applications
Census API

Site Keys Issued, Cumulative

Keys Issued by Month
Census API

• “I've never worked with the Census bulk downloads, but I hear from colleagues that it can be a daunting task. Their API makes it incredibly easy to slice and dice the numbers as needed, combining data across "tables" for any geography you are working with.”

• “oooooo!!!! Didn't realize the census had an API. Always just assumed it was 9001GB zip file or something”
New York City has a problem with income inequality. And it’s getting worse—the top of the spectrum is gaining and the bottom is losing. Along individual subway lines, earnings range from poverty to considerable wealth. The interactive infographic here charts these shifts, using data on median household income, from the U.S. Census Bureau, for census tracts with subway stations.
Public API Examples

- Census API
- Yelp
- Influence Explorer
- EPA
- Foursquare
- Dark Sky
- Weather Underground
- Others
Census “App” Examples

America’s Economy
Census “App” Examples

My Congressional District

Census Flow Mapper
TIGER Web

- TIGERweb Application
- Web Mapping Services
- REST Services (Representational State Transfer Technology)
The American Community Survey and State Legislative Districts

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