

The American Community Survey and State Legislative Districts

Dr. Nancy A. Potok

Deputy Director and Chief Operating Officer
U.S. Census Bureau

National Conference of State Legislatures
Legislative Summit
August 12, 2013

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

The image shows a screenshot of the American Community Survey questionnaire. At the top left, there is the Census Bureau logo and the title "The American Community Survey". Below this, a green box contains the text: "This booklet shows the content of the American Community Survey questionnaire." The main body of the form is green and contains several sections of text and checkboxes. A large "CONF" watermark is visible across the center of the form. The form includes instructions for respondents and various data entry fields.

- Federal Congressional Action on ACS
- ACS Response
– Mandatory vs. Voluntary
- Respondent Advocate

American Community Survey Updates

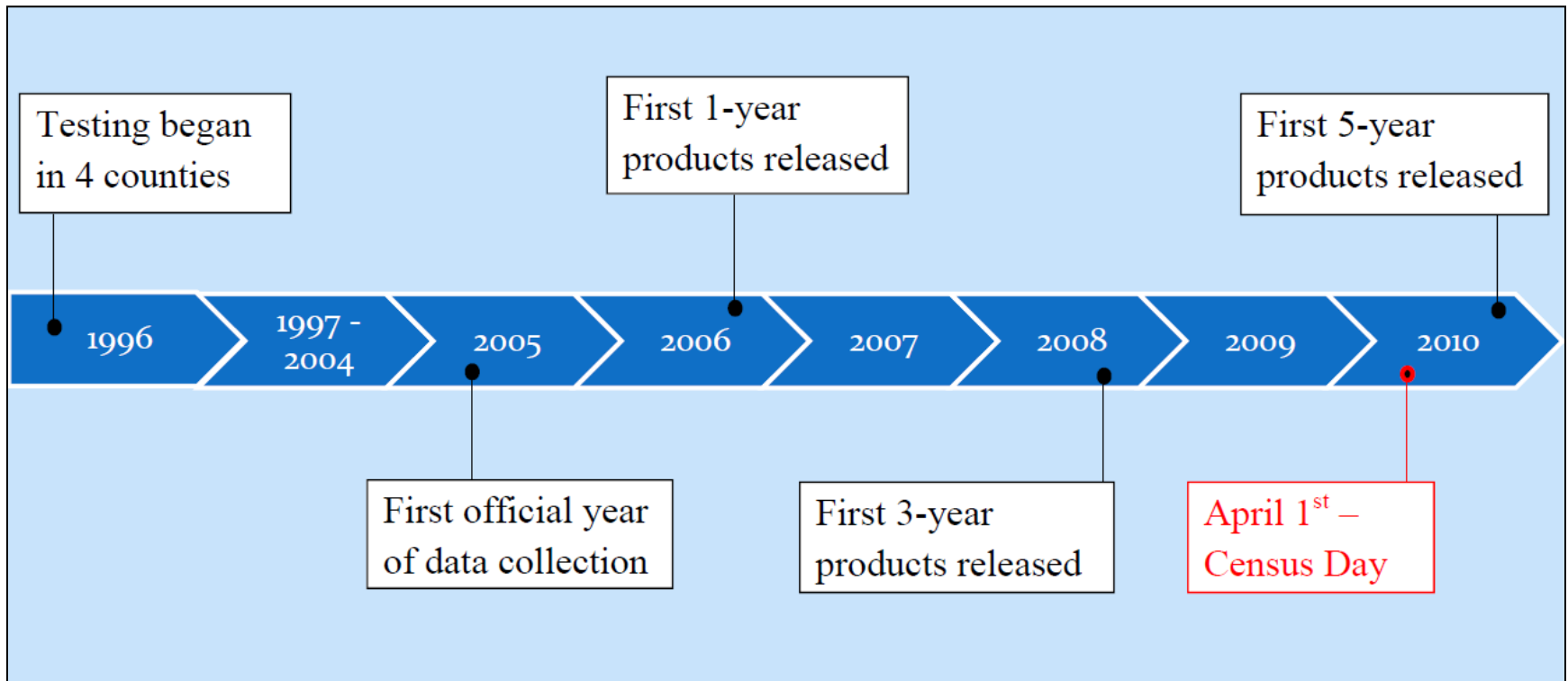
The image shows a screenshot of the American Community Survey questionnaire. At the top left, there is the logo for 'The American Community Survey' with the text 'The American Community Survey' next to it. Below the logo, there is a green box containing the text: 'This booklet shows the content of the American Community Survey questionnaire.' The main body of the form is green and contains several sections of text and checkboxes. A large 'CONFIDENTIAL' watermark is visible across the center of the form. The form includes instructions for respondents and various data entry fields.

- 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



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** a. 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.

1

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

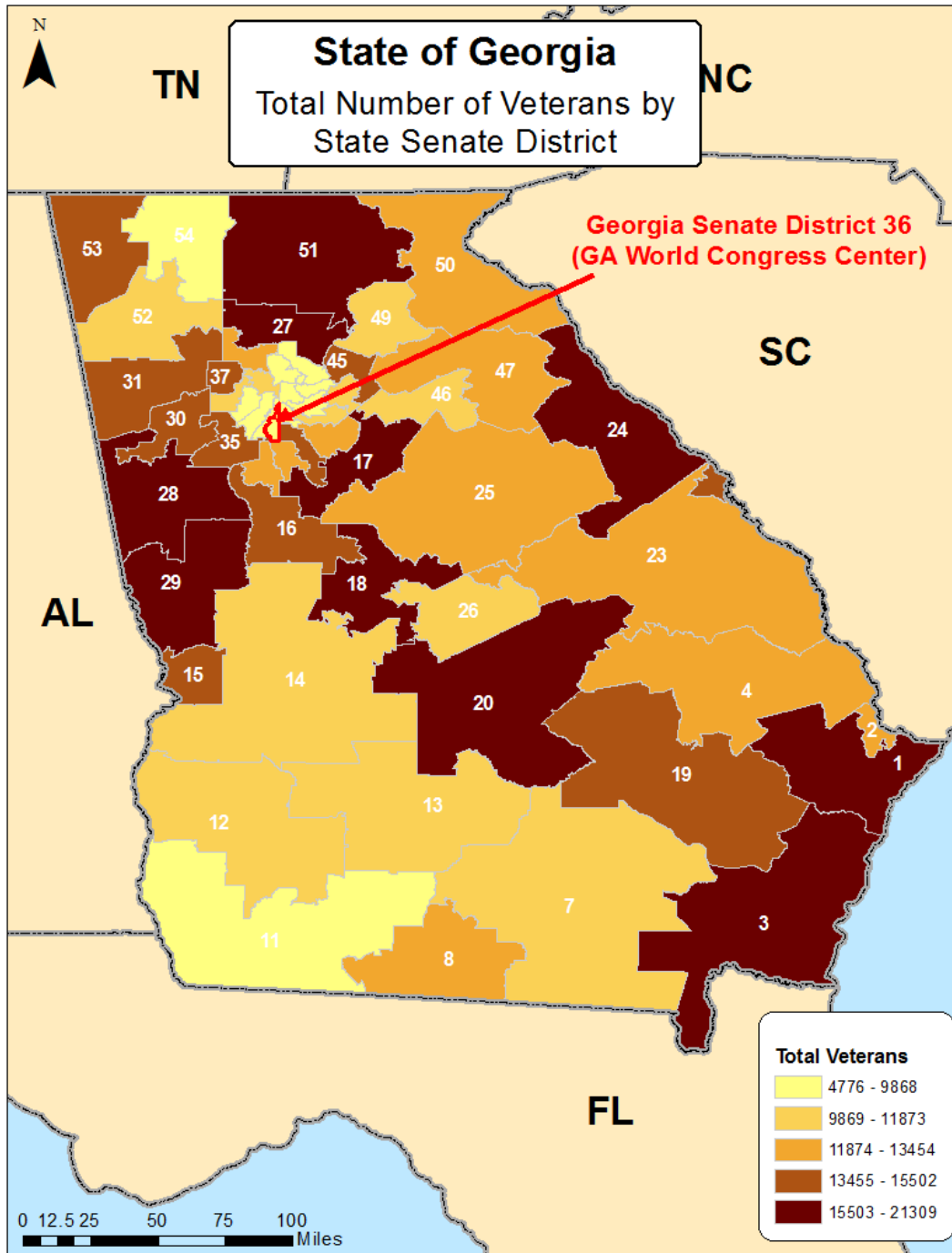
State Legislative Districts

- 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

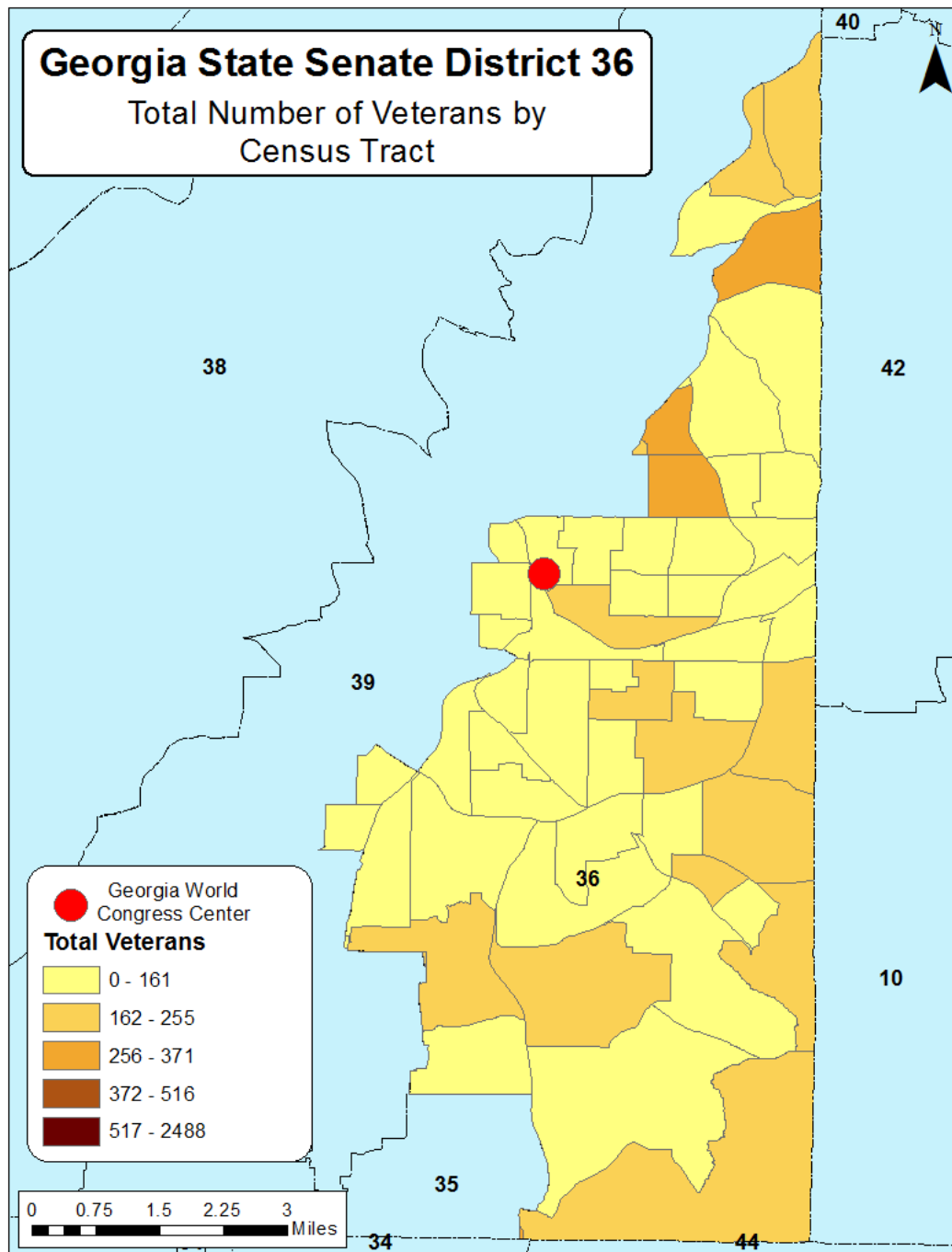
Congressional District and State Legislative District Data

- 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.

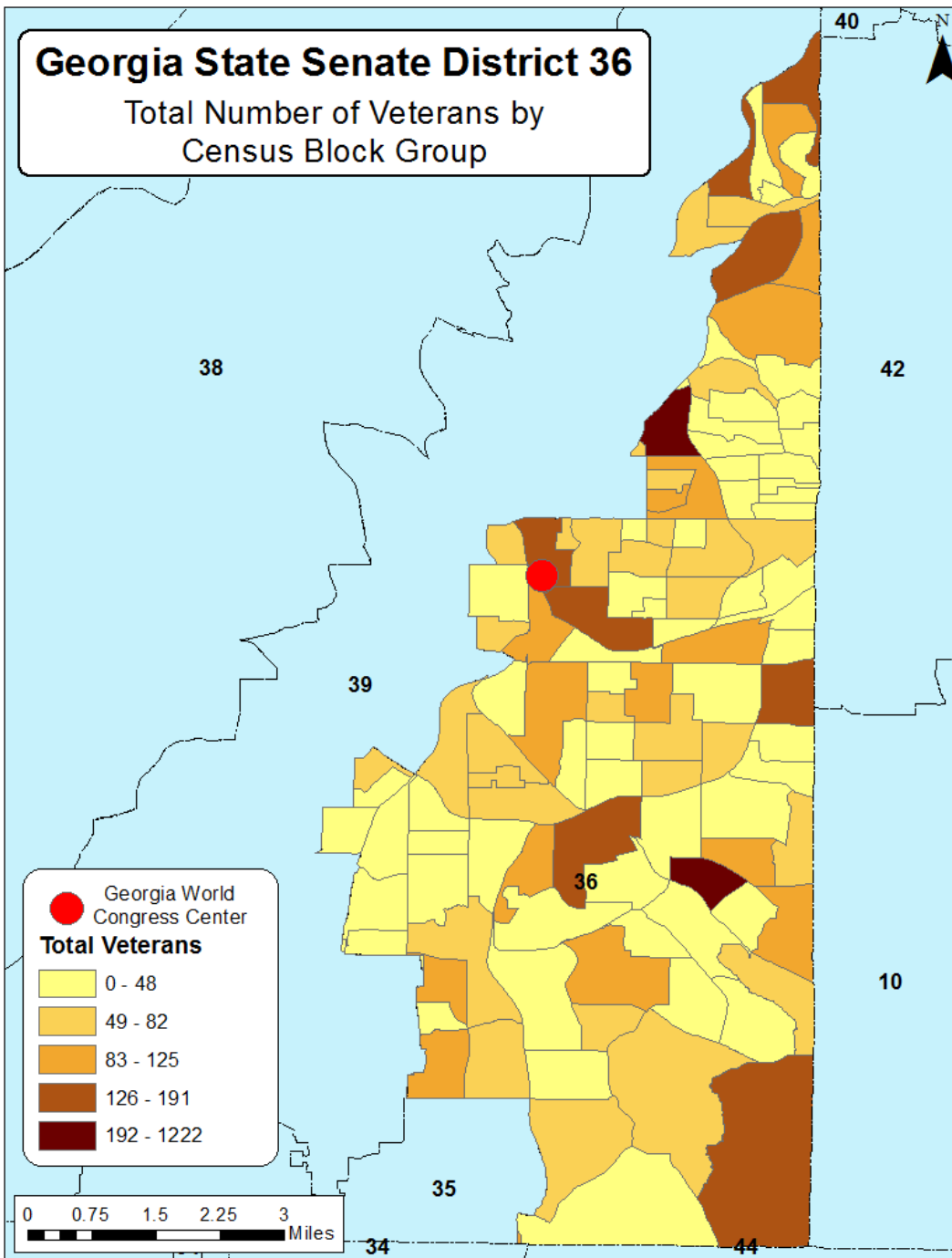
VETERANS



VETERANS



V
E
T
E
R
A
N
S



New Methods of Dissemination

- Census API
- Apps
- TIGER Web

Census API

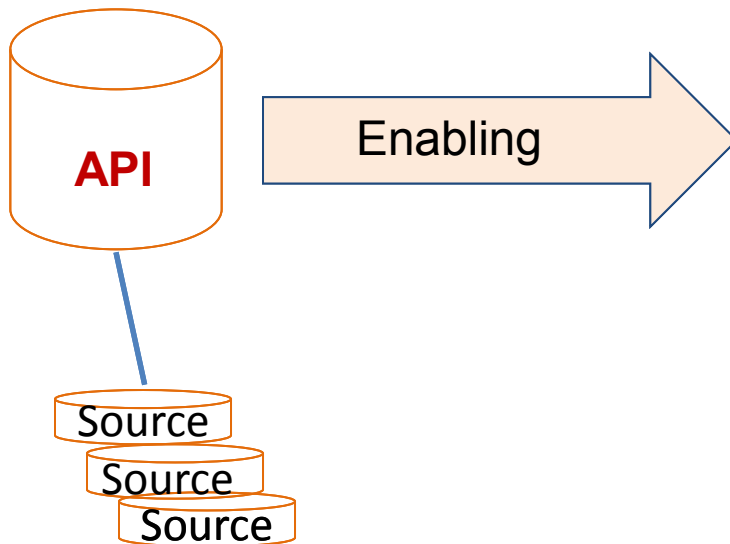
Mobile Applications



Online Services

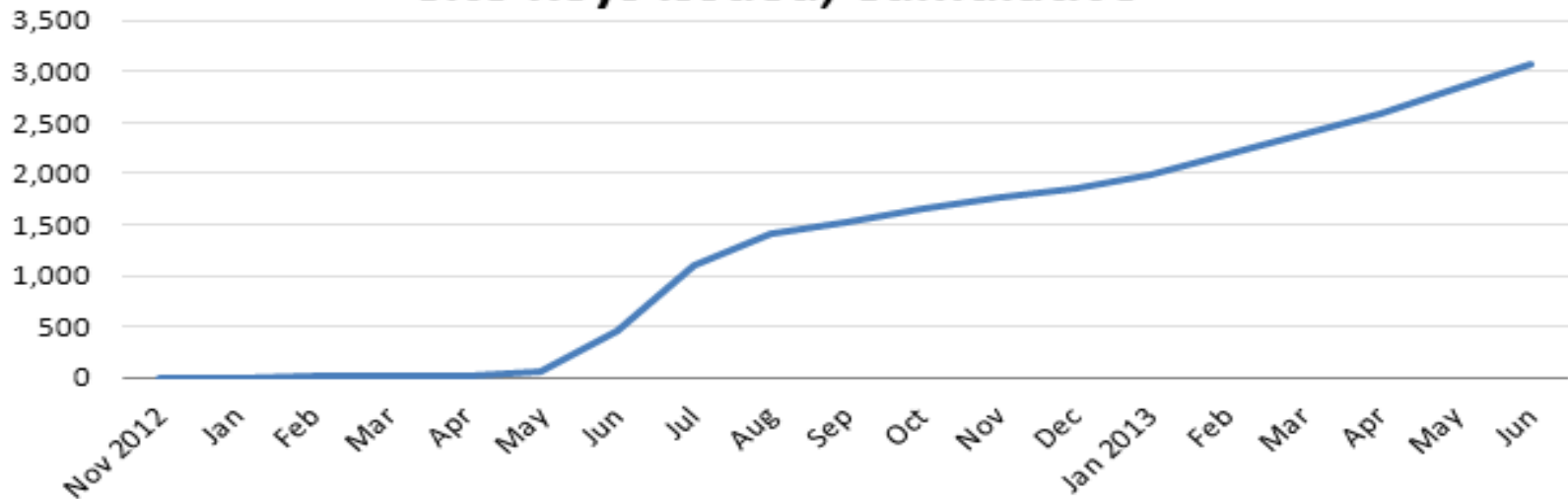


Web Applications

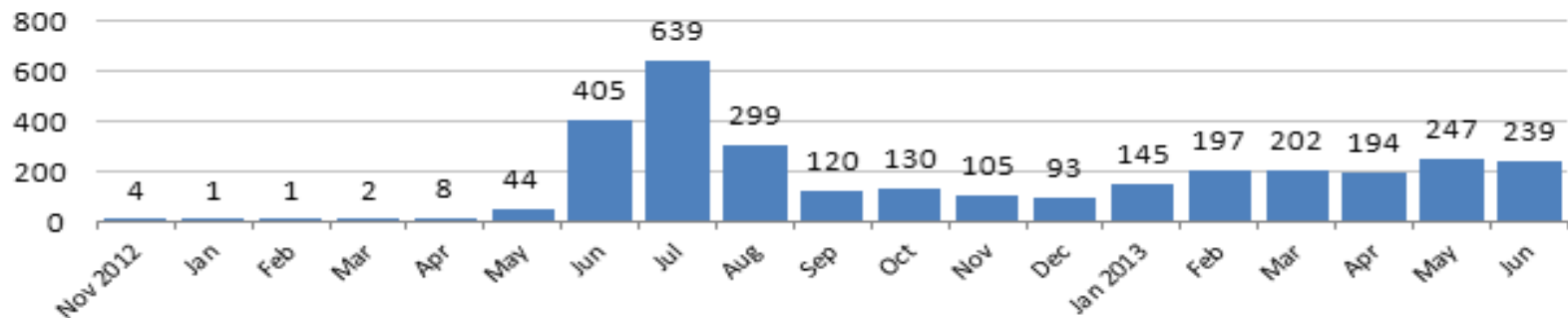


Census API

Site Keys Issued, Cumulative



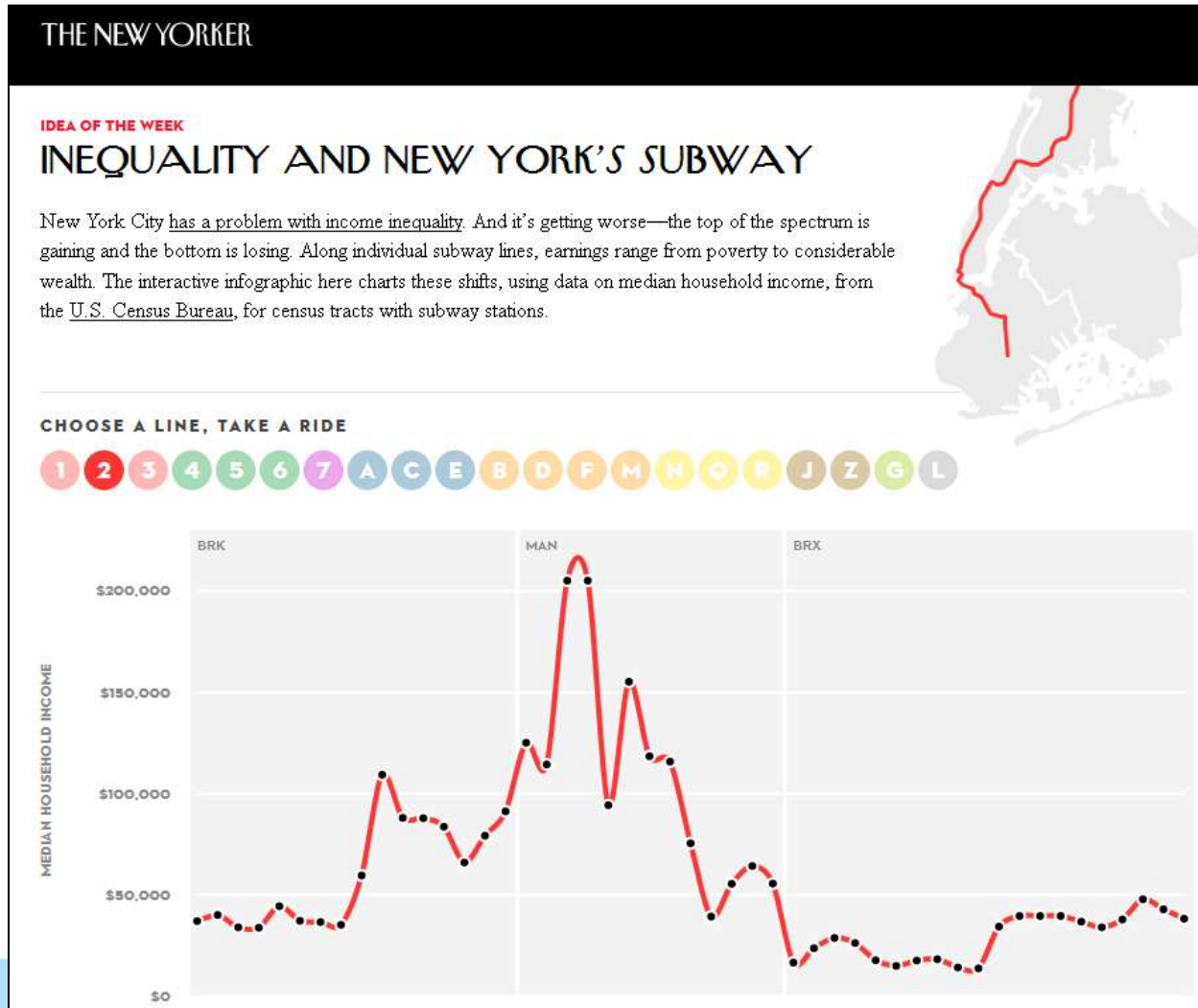
Keys Issued by Month



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.”*
- *“ooooo!!!! Didn't realize the census had an API. Always just assumed it was 9001GB zip file or something”*

Public API Example



Public API Examples



Sitegeist

- **Census API**
- Yelp
- Influence Explorer
- EPA
- Foursquare
- Dark Sky
- Weather Underground
- Others

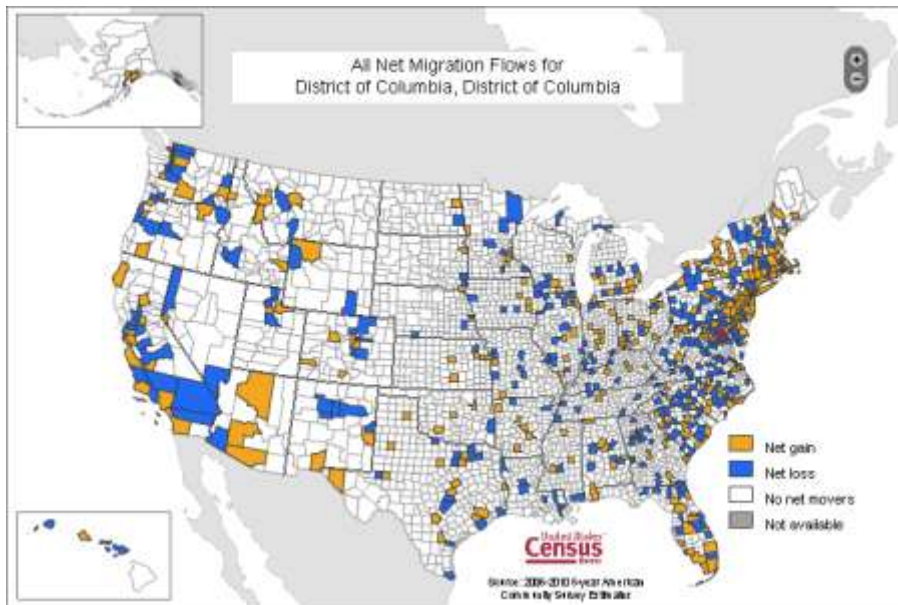
Census “App” Examples



America's Economy

Census “App” Examples

My Congressional District



My Congressional District
LegisLandscape Powered by The American Community Survey

1 Please Choose

2

People Jobs Housing Economic Education

My Congressional District gives you quick and easy access to selected statistics collected by the U.S. Census Bureau through the American Community Survey. With the American Community Survey, detailed demographic and economic statistics are available every year for the nation's communities and their people.

With My Congressional District, you can view population age, sex, race, and Hispanic origin characteristics, and much more. My Congressional District is powered by The American Community Survey and Census Application Programming Interface (API).

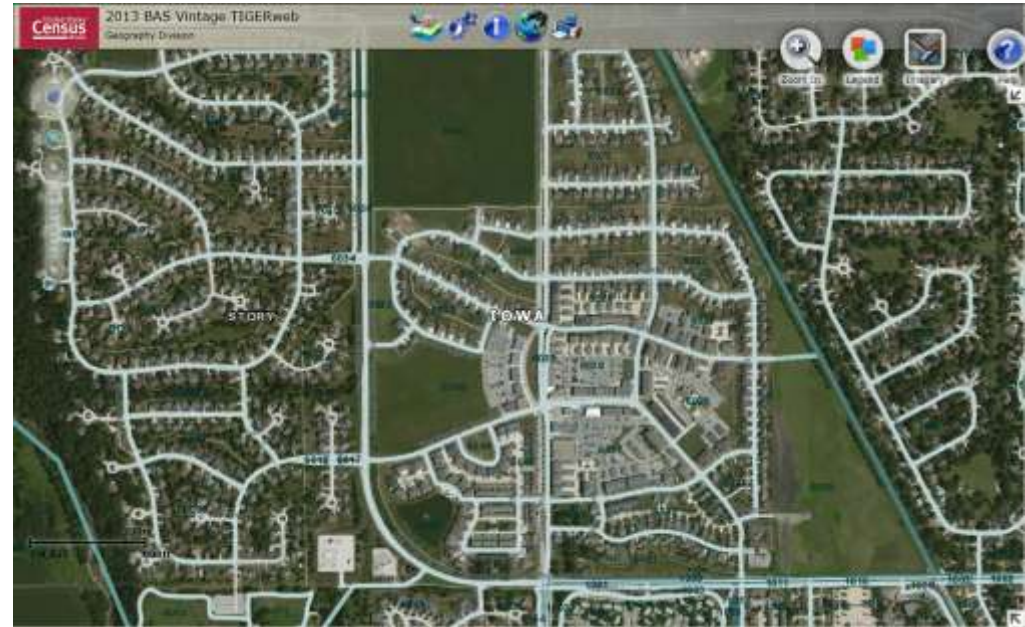
United States Census Bureau | U.S. Department of Commerce
Economic and Statistics Administration
U.S. Census Bureau
census.gov

This is a screenshot of the 'My Congressional District' web application. The interface features a title 'My Congressional District' with the 'LegisLandscape' logo and 'Powered by The American Community Survey'. Below the title are two dropdown menus labeled '1 Please Choose' and '2'. To the right are five icons representing 'People', 'Jobs', 'Housing', 'Economic', and 'Education'. A map of the United States is shown on the left side of the main content area. On the right, there is a text box explaining the application's purpose and capabilities. At the bottom, the 'United States Census Bureau' logo and contact information are displayed.

Census Flow Mapper

TIGER Web

- TIGERweb Application
- Web Mapping Services
- REST Services (Representational State Transfer Technology)



The American Community Survey and State Legislative Districts

Dr. Nancy A. Potok

Deputy Director and Chief Operating Officer
U.S. Census Bureau

For additional assistance please contact:

(301)763-4039

rdo@census.gov