

Maryland City/County Management Association Accessing Census Bureau Demographic and Housing Data

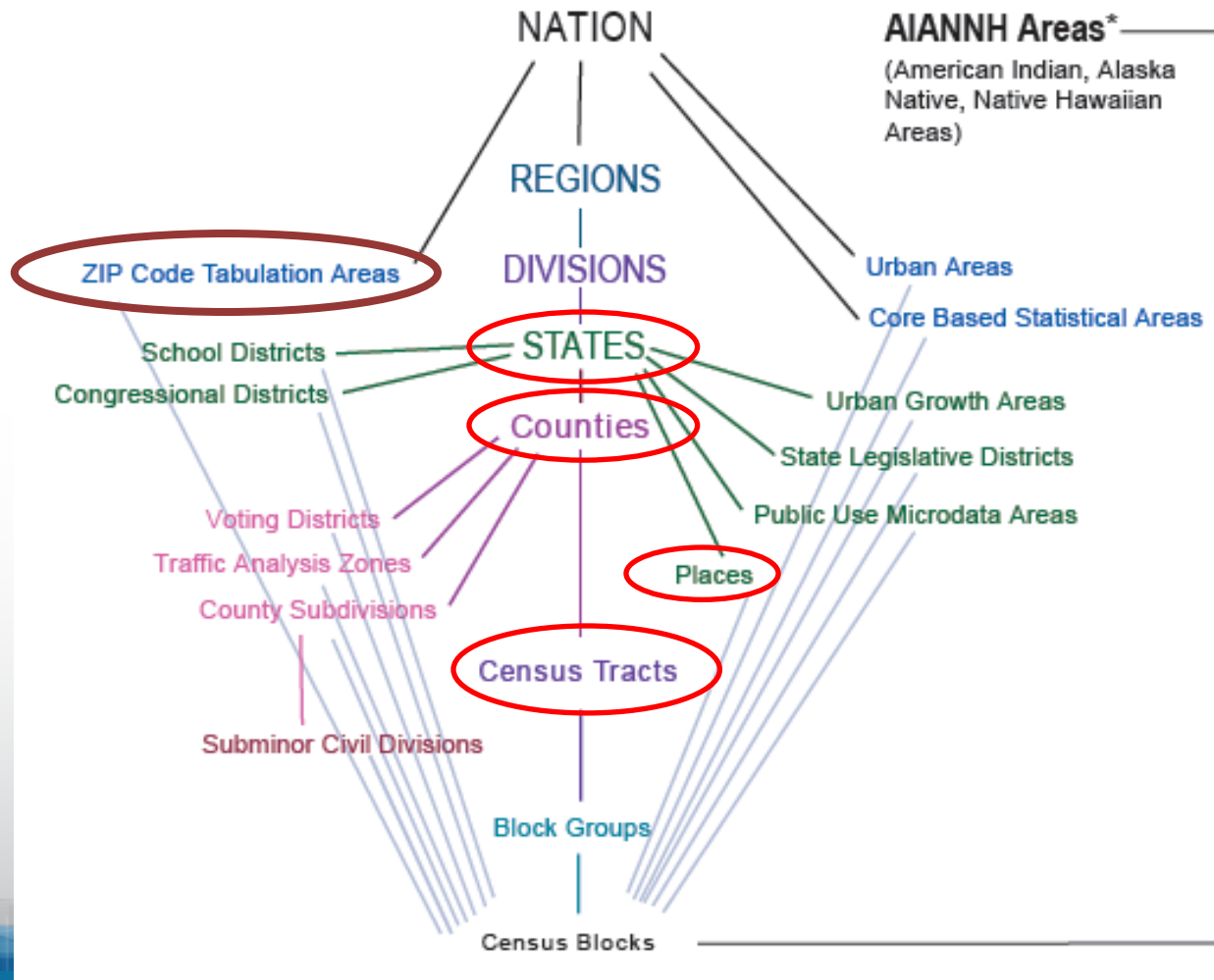
April 16, 2015

Nesreen Khashan
U.S. Census Bureau

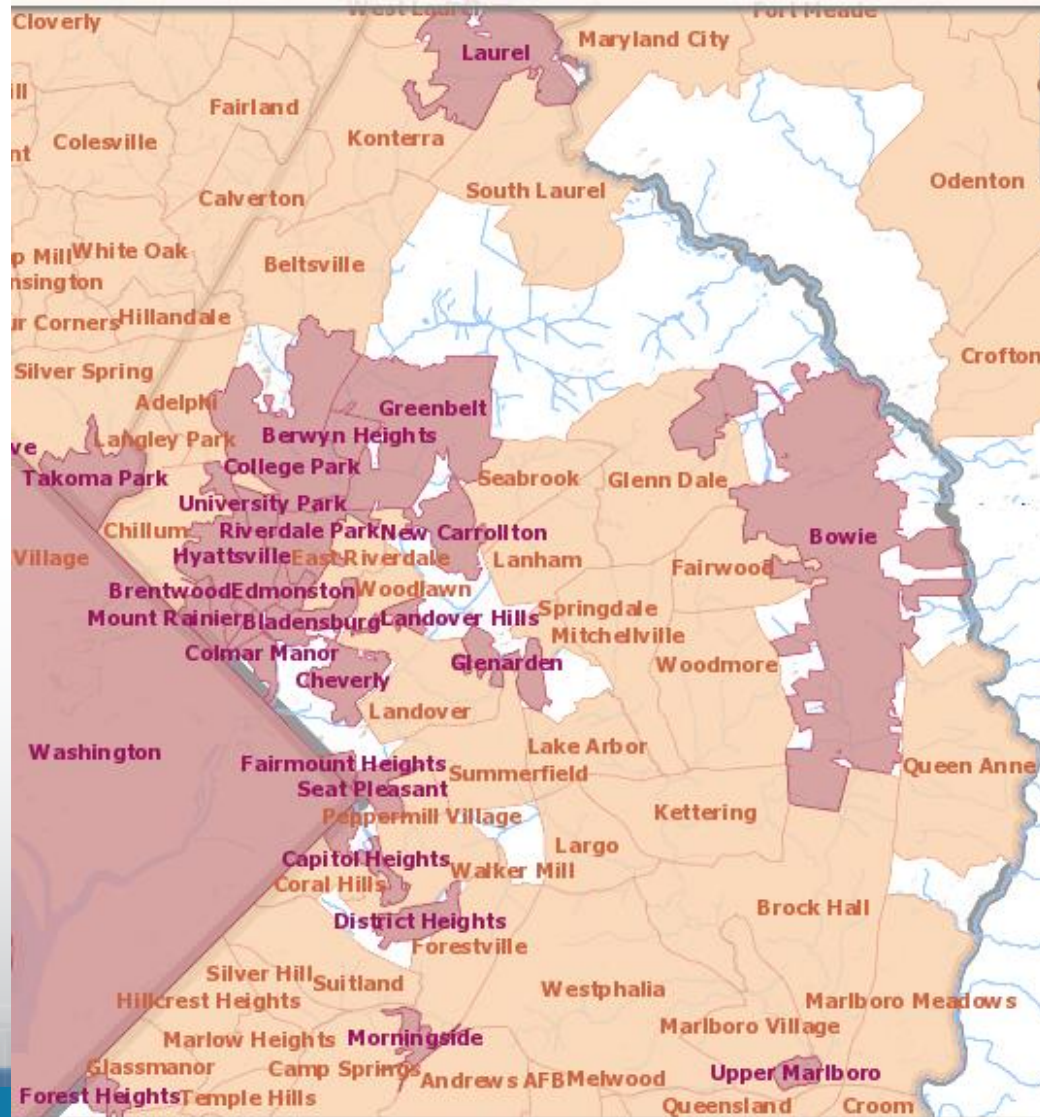
Outline

- Census Bureau Geographies: Ask yourself, what type?
- Every 10 Years: Population Change
- Population Estimates: Don't wait for the next census
- American Community Survey (ACS): Your community, updated yearly
- Demonstrations

Standard Hierarchy of Census Geographic Entities



Local Geographies: Prince George's County Places



Home Ownership Rates by Census Tracts

Thematic Map of Percent; HOUSING TENURE - Occupied housing units - Owner-occupied
Geography: by Census Tract

 [View Table Notes](#)

Legend

Data Classes
Percent

- 0.0 - 25.4
- 27.6 - 46.5
- 48.0 - 63.4
- 64.8 - 80.1
- 81.4 - 100.0

Boundaries

- State
- '13 County
- '13 ZCTA-5

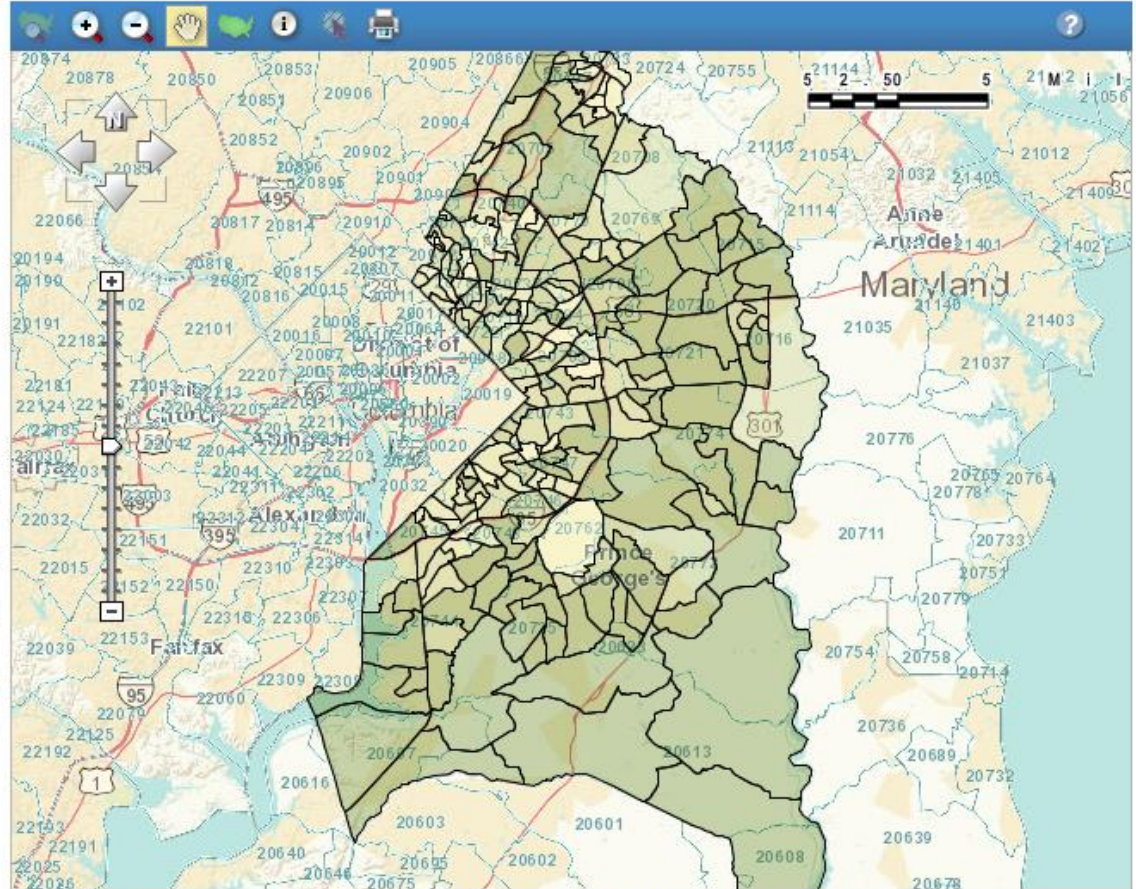
Features

- Major Road
- Street
- Stream/Waterbody

Items in grey text are not visible at this zoom level

Modify the map using the options below:

- [Colors and Data Classes](#)
- [Boundaries and Features](#)
- [Find a Location](#)
- [Map Markers](#)



Source: U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Per Capita Income by ZCTAs

Thematic Map of Estimate; INCOME AND BENEFITS (IN 2013 INFLATION-ADJUSTED DOLLARS) - Median earnings for workers (d) Geography: by 5-Digit ZCTA

 [View Table Notes](#)

Legend

Data Classes

Persons

- 2534 - 21454
- 23749 - 34678
- 35133 - 43165
- 47604 - 55329
- 59025 - 63383

Boundaries

- State
- '13 County

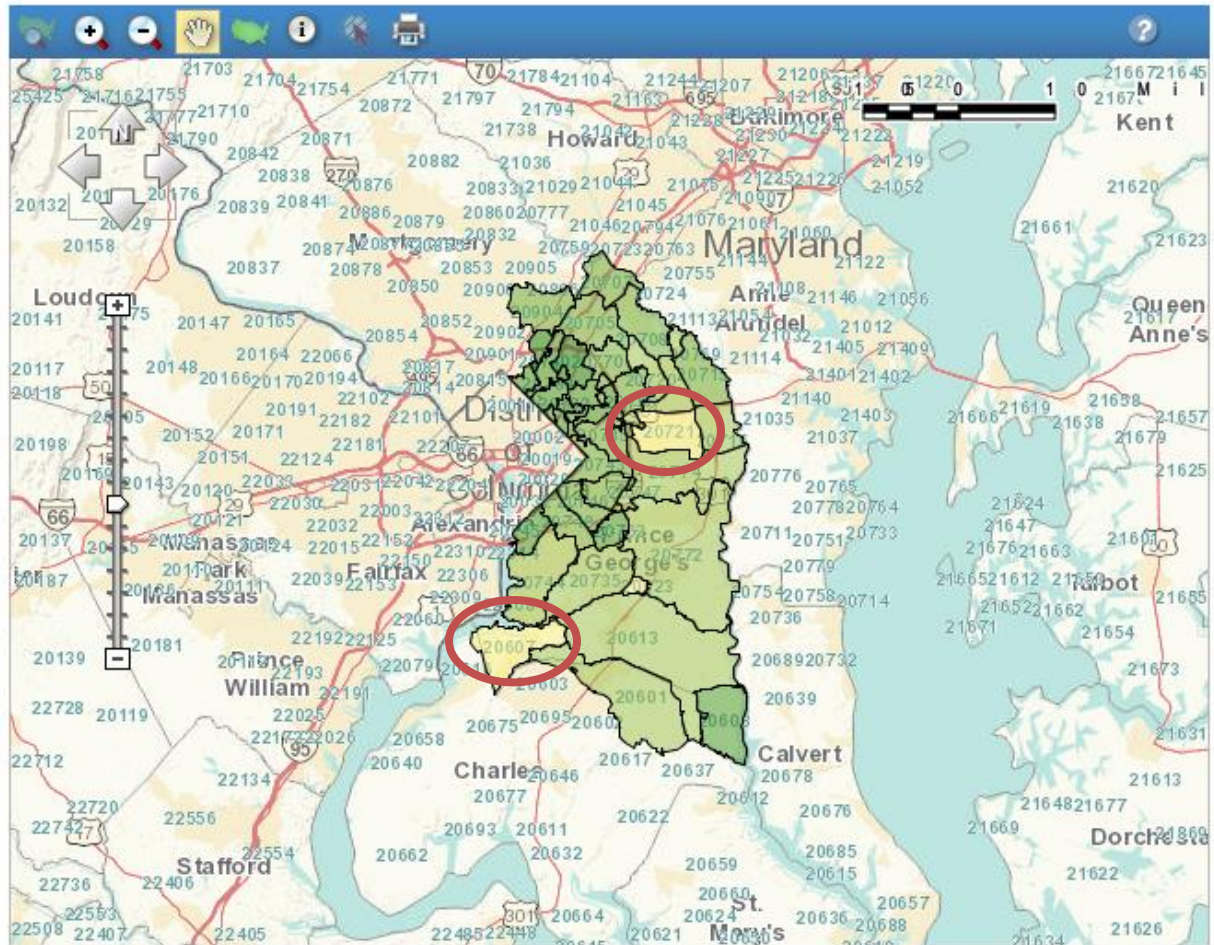
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- [Find a Location](#)
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2010 Content: Population and Housing

Basic demographic and housing characteristics only:

- Population
- Age
- Sex
- Race (by origin for Asian)
- Hispanic or Latino Origin (also by origin)
- Households and Families
- Housing Occupancy (occupied or vacant)
- Housing Tenure (owned or rented)

No long form, no detailed characteristics, no SF3 data

Data are available at the Census Block Level—the lowest level of geography

Population Estimates

Population Estimates = Base Population + Births – Deaths + Net Internal Migration + Net Immigration

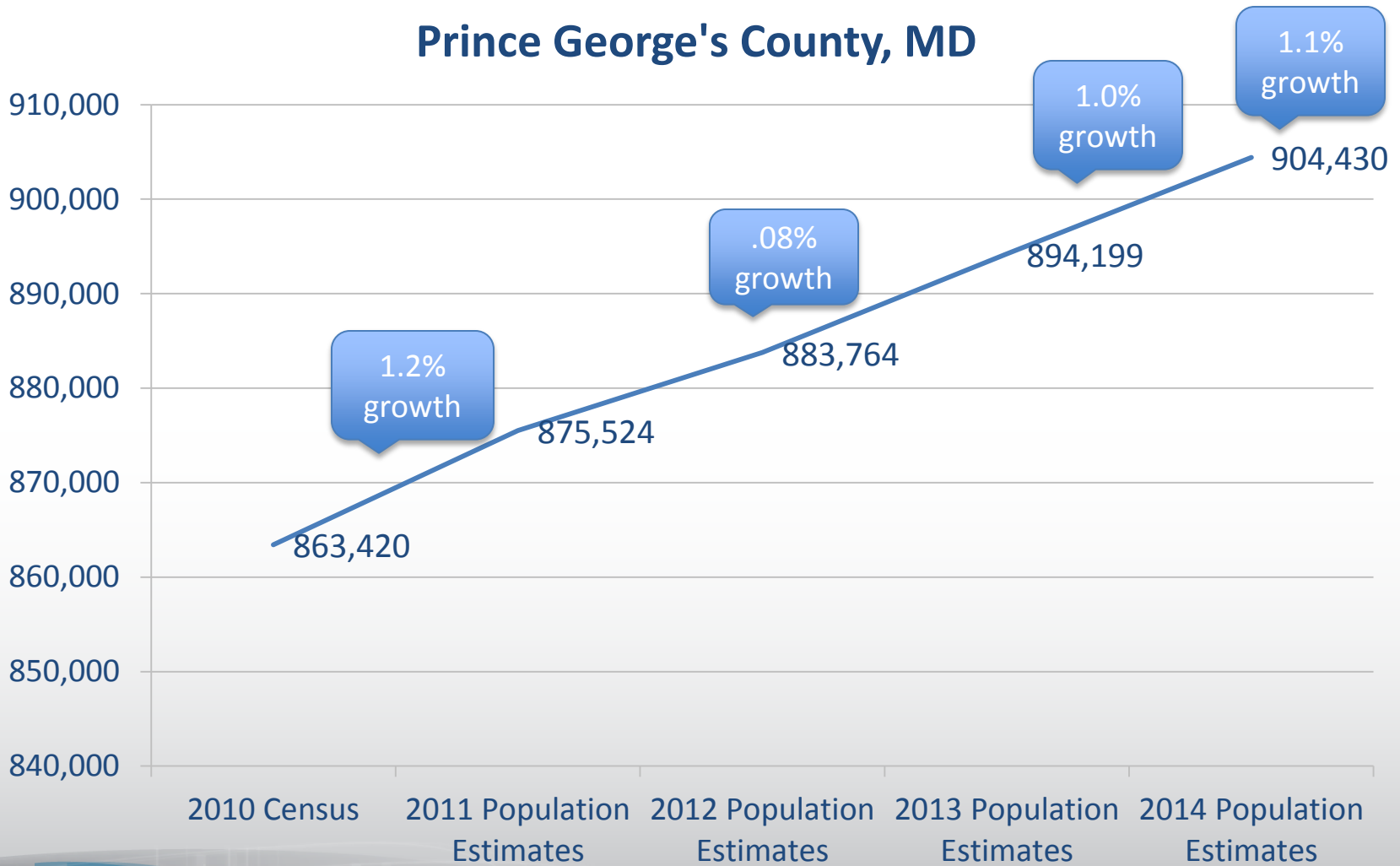
Released Every Year Except Census Years

National, State, and County, Incorporated Places Estimates

Official Population Count During Intercensal Years

Population Estimates

Prince George's County, MD



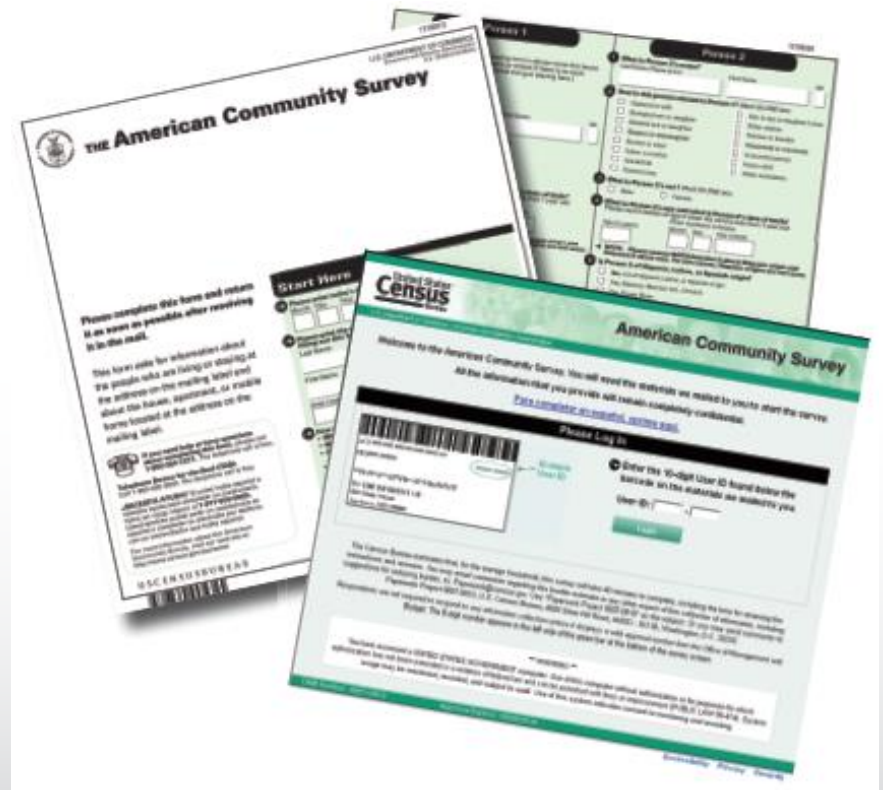
Prince George's County—Components of Pop Change

Geography	Cumulative Estimates of the Components of Population Change						
	April 1, 2010 to July 1, 2014						
	Total Population Change [1]	Natural Increase	Vital Events		Net Migration		
			Births	Deaths	Total	International [2]	Domestic
Prince George's County, Maryland	40,911	28,221	51,110	22,889	13,693	27,377	-13,684

Geography	Annual Estimates of the Components of Population Change						
	July 1, 2013 to July 1, 2014						
	Total Population Change [1]	Natural Increase	Vital Events		Net Migration		
			Births	Deaths	Total	International [2]	Domestic
Prince George's County, Maryland	10,231	5,978	11,956	5,978	4,704	6,703	-1,999

What is the ACS?

- A large national survey that uses continuous measurement methods to produce detailed population and housing estimates each year
- Designed to produce critical information that had previously come from the decennial census



Census vs. ACS

Decennial Census

American Community Survey

Official counts

Sample estimates

Population totals

Population characteristics

Every 10 years



Yearly

Point in time, April 1

Period of time

Data Collection Operations (Housing)

- Monthly samples use four sequential modes of data collection:

Online	Mail	Telephone	Personal Visit
			

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
- Computer Ownership & Internet Access

- **ECONOMIC**

- Employment & Work Status
- Income & Earnings
- Industry & Occupation
- Class of Worker
- Commuting
- Poverty Status
- SNAP Receipt

- **DEMOGRAPHIC**

- **Age & Sex**
- **Race & Hispanic Origin**

ACS Content: Housing

- Tenure
- Occupancy & Structure
- Housing Value
- Taxes & Insurance
- Utilities
- Mortgage/Monthly Rent

What Percentage of their income are households spending to pay monthly mortgage payments or rent?

What percentage of homes in my city are owner-occupied?

How do households heat their homes?

What's the vacancy rate of rental units in my city?

Data Collection Window

2009

Jan. 1–Dec. 31

2010

Jan. 1–Dec. 31

2011

Jan. 1–Dec. 31

2012

Jan. 1–Dec. 31

2013

Jan. 1–Dec. 31

1-Year Est.

3-Year Estimate

5-Year Estimate

Population Thresholds for ACS Estimates

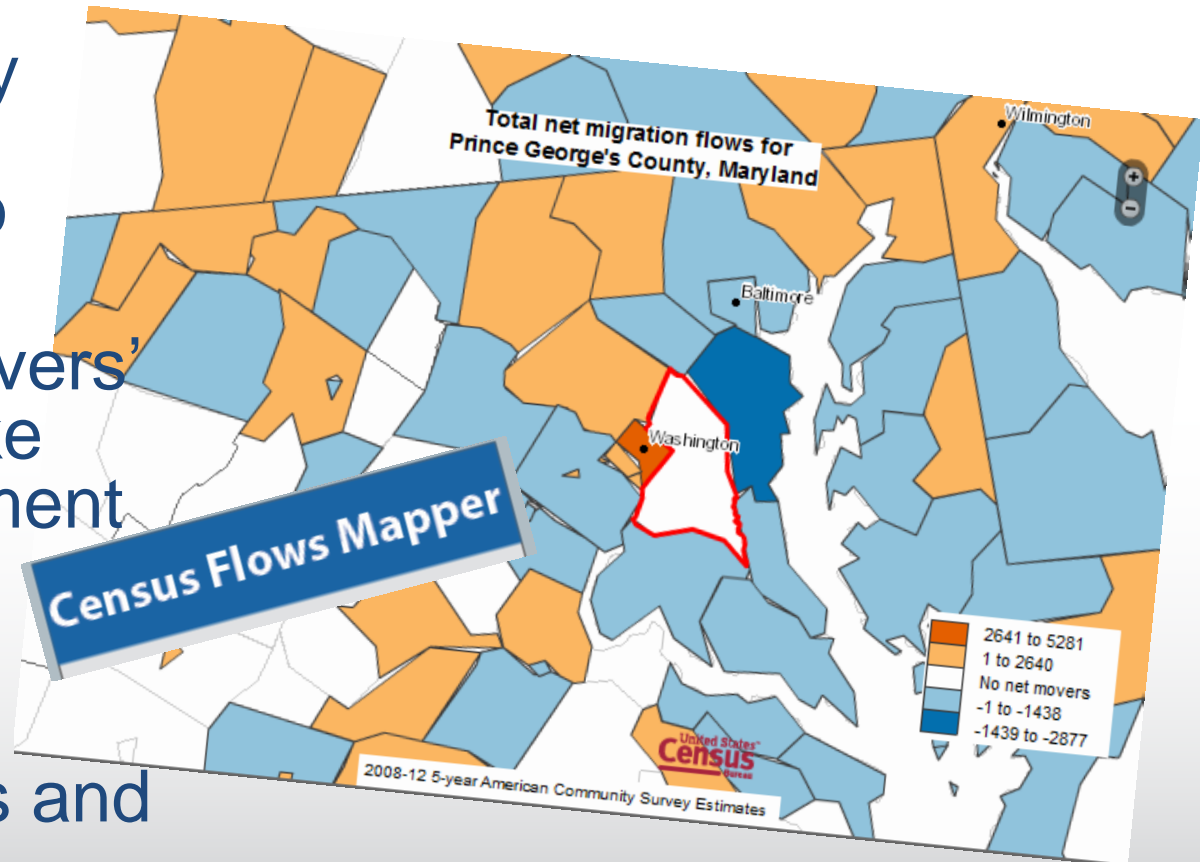
	1-year estimates	3-year estimates	5-year estimates
65,000+ people	X	X	X
20,000+ people		X	X
Less than 20,000 people			X

New Estimates Released Every September-December

Migration Statistics

From the American Community Survey

- Shows how many move from one specific county to another
- Breaks down movers' characteristics like education attainment and income
- Helpful for local governments, realtors, planners and businesses



Source: 2008-2012 ACS 5-Year Estimates

Migration Statistics

From the American Community Survey

Census Flows Mapper

Search for a county or click on the map.

Prince George's County, Maryland

Choose a dataset.

2008-12 2006-10

2007-11

Choose type of migration flow.

Net Outbound Inbound

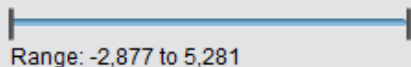
Choose a characteristic.

Total

Choose colors.



Choose number of movers.



Version 1.2

[View County Statistics](#)

[View Data Table](#)

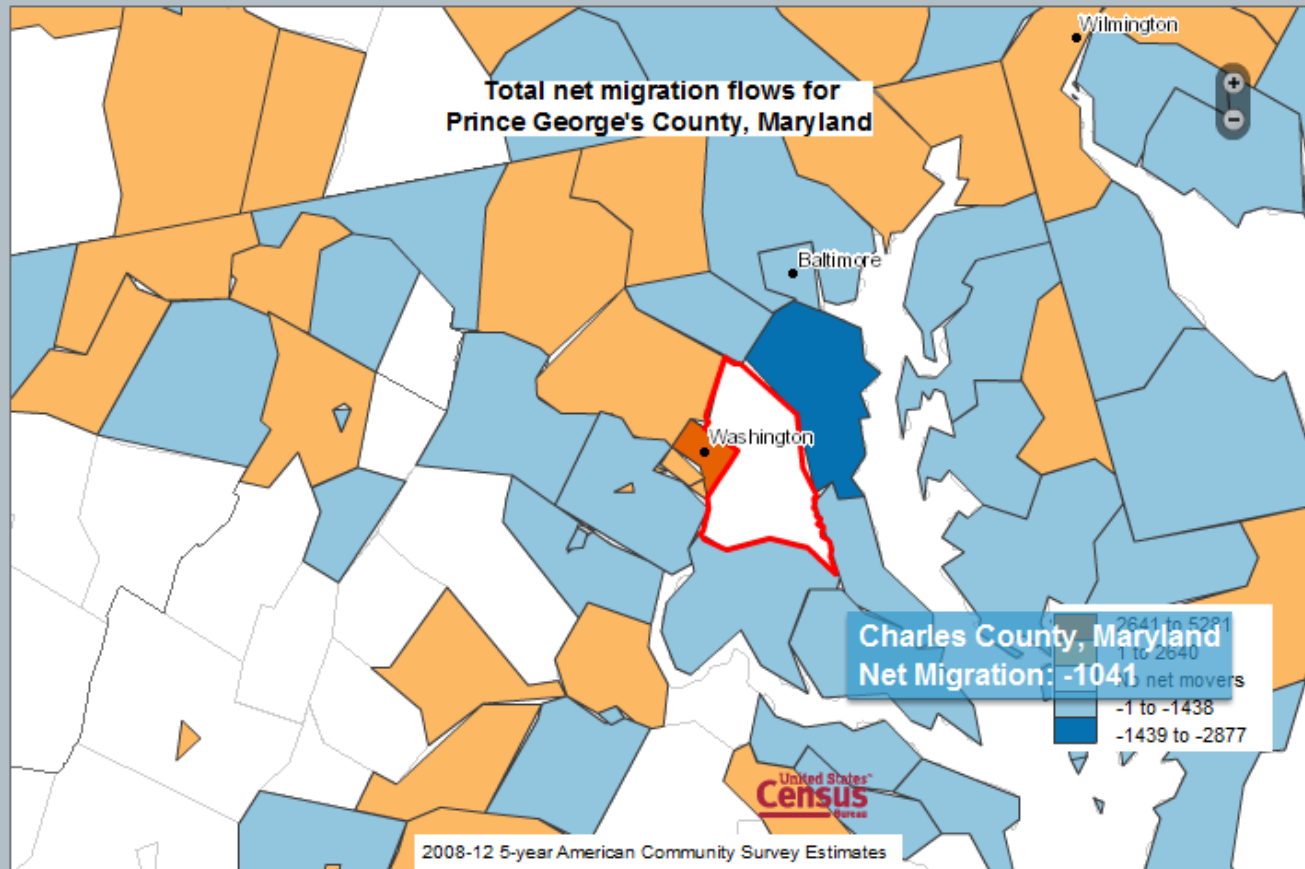
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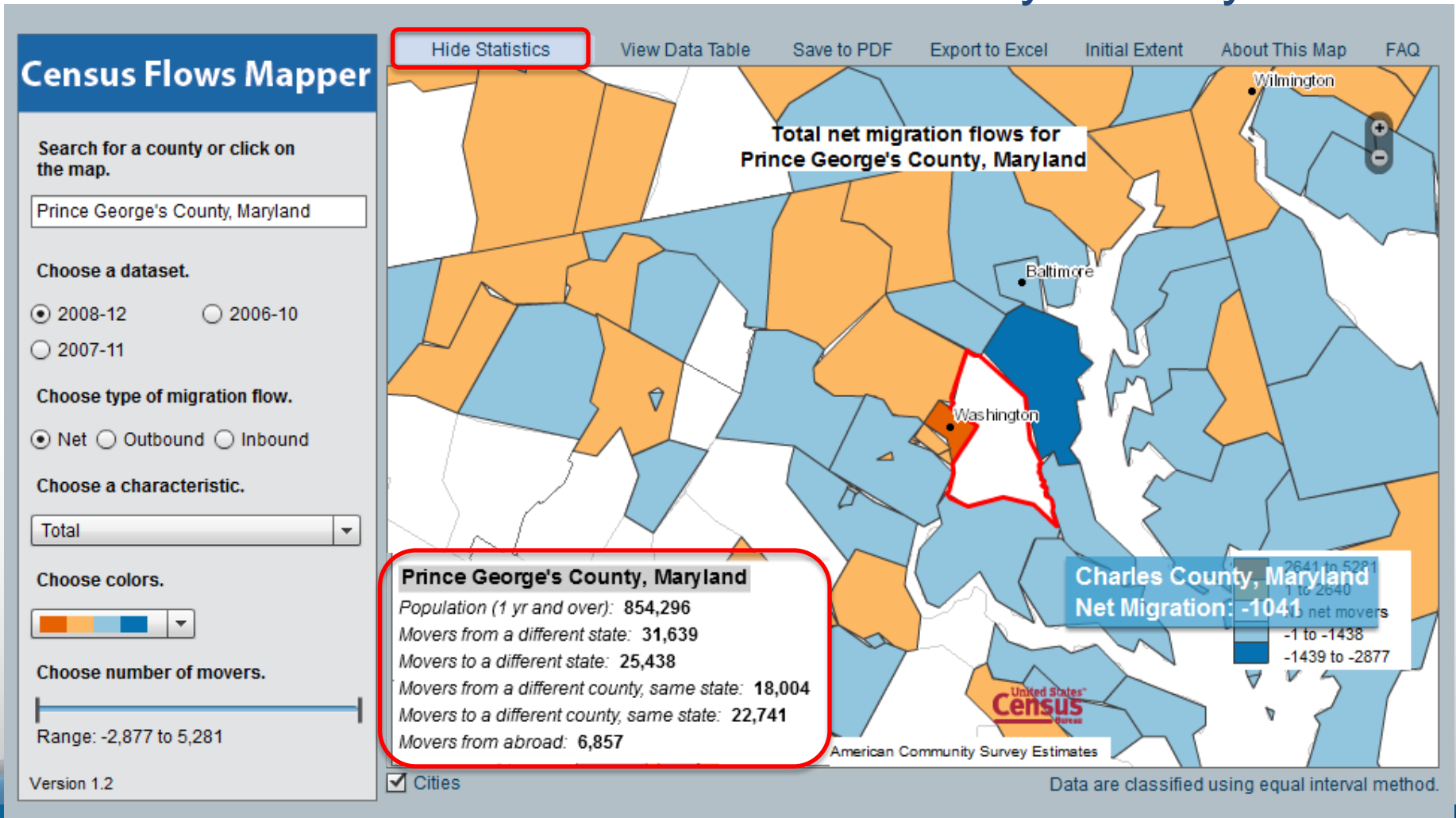


Cities

Data are classified using equal interval method.

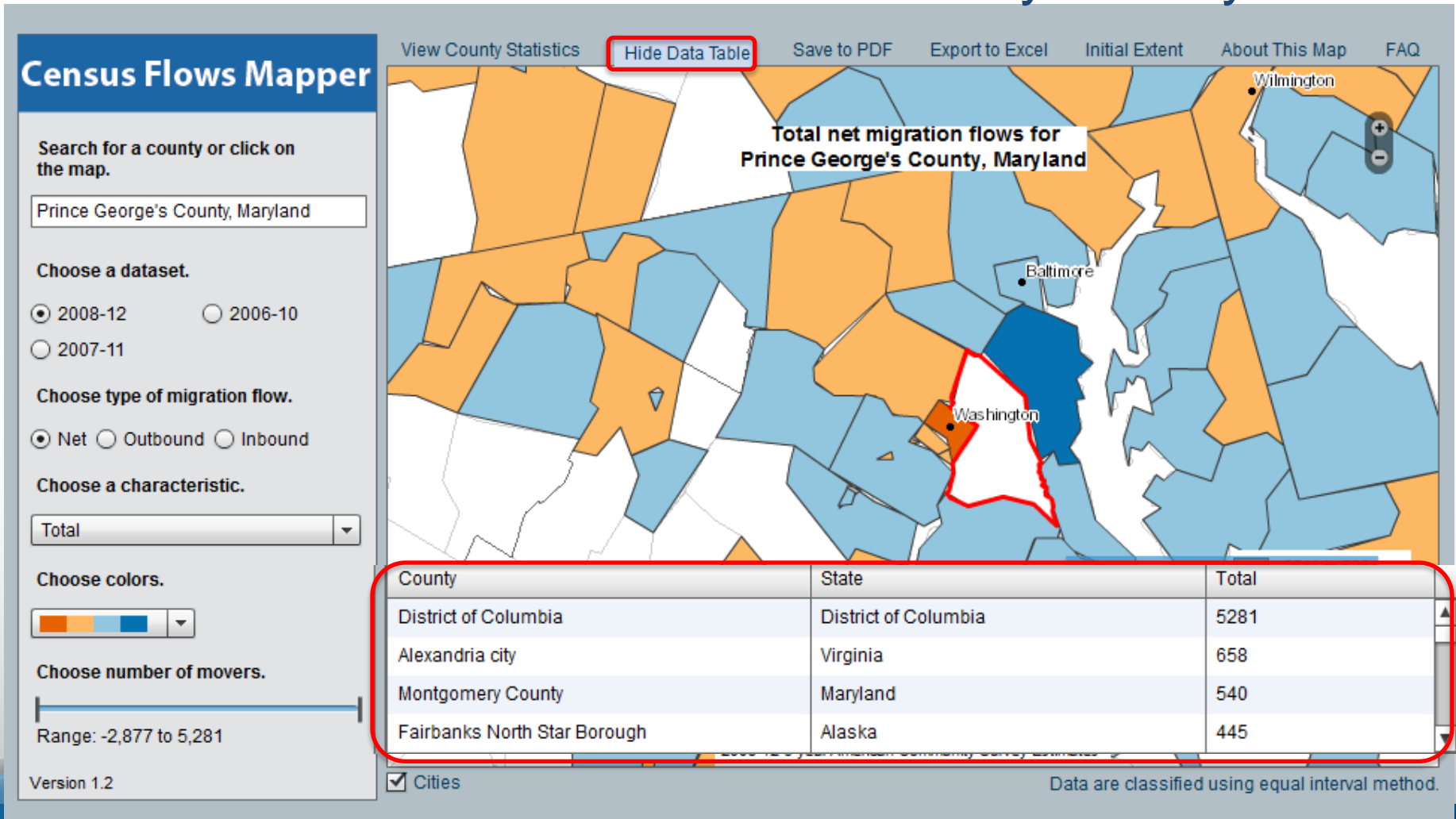
Migration Statistics

From the American Community Survey



Migration Statistics

From the American Community Survey



AFF Table Types—CPs

From the American Community Survey

CP03

COMPARATIVE ECONOMIC CHARACTERISTICS 2011-2013 American Community Survey 3-Year Estimates

Subject	College Park city, Maryland			Greenbelt city, Maryland			Laurel city, Maryland		
	2011-2013 Estimate	2008-2010 Estimate	Statistical Significance	2011-2013 Estimate	2008-2010 Estimate	Statistical Significance	2011-2013 Estimate	2008-2010 Estimate	Statistical Significance
Transportation and warehousing, and utilities	1.8%	1.7%		3.9%	4.9%		4.0%	2.8%	
Information	2.7%	2.8%		2.6%	3.4%		3.3%	4.0%	
Finance and insurance, and real estate and rental and leasing	2.3%	3.7%		7.0%	6.9%		3.7%	5.9%	
Professional, scientific, and management, and administrative and waste management services	11.9%	10.7%		14.8%	14.6%		16.1%	16.2%	
Educational services, and health care and social assistance	43.7%	38.8%		27.1%	24.8%		23.4%	22.3%	
Arts, entertainment, and recreation, and accommodation and food services	12.0%	14.5%		6.3%	9.6%		7.0%	7.1%	
Other services, except public administration	4.7%	5.1%		3.5%	4.1%		5.9%	7.8%	
Public administration	6.0%	6.6%		11.4%	13.2%		13.9%	12.4%	
CLASS OF WORKER									
Civilian employed population 16 years and over	13,393	13,512		13,424	13,482		14,342	14,951	
Private wage and salary workers	57.7%	62.9%		71.2%	65.7%		70.3%	73.7%	
Government workers	39.5%	34.4%		25.8%	32.6%	*	23.7%	21.6%	
Self-employed in own not incorporated business workers	2.8%	2.7%		2.8%	1.6%		6.0%	4.6%	
Unpaid family workers	0.0%	0.0%		0.3%	0.0%		0.0%	0.1%	
INCOME AND BENEFITS (IN 2013 INFLATION-ADJUSTED DOLLARS)									
Total households	6,347	6,465		9,207	9,598		9,942	9,673	
Less than \$10,000	17.6%	13.8%		3.6%	2.8%		4.9%	3.1%	
\$10,000 to \$14,999	4.7%	6.4%		3.2%	1.7%		2.5%	3.1%	
\$15,000 to \$24,999	8.8%	9.3%		6.3%	5.9%		5.9%	5.1%	
\$25,000 to \$34,999	6.0%	5.5%		8.2%	9.1%		5.3%	5.8%	
\$35,000 to \$49,999	8.6%	6.3%		19.8%	15.8%		13.6%	13.2%	
\$50,000 to \$74,999	15.2%	17.3%		24.0%	25.2%		24.0%	22.3%	
\$75,000 to \$99,999	16.2%	10.1%	*	13.2%	11.6%		14.4%	19.4%	
\$100,000 to \$149,999	12.6%	16.6%		11.4%	17.2%	*	18.2%	18.2%	
\$150,000 to \$199,999	6.1%	6.3%		7.9%	7.4%		6.9%	6.5%	
\$200,000 or more	4.2%	8.4%	*	2.3%	3.3%		4.3%	3.4%	
Median household income (dollars)	56,201	65,422	*	57,279	62,563		66,737	67,486	
Mean household income (dollars)	72,438	81,894	*	71,627	77,896		81,843	83,511	

AFF Table Types--GCTs

From the American Community Survey

Geography:

Geographic Area	Dollar	Margin of Error
Maryland	72,345	+/-375
Allegany County	39,846	+/-2,061
Anne Arundel County	87,460	+/-1,560
Baltimore County	64,700	+/-1,041
Calvert County	92,601	+/-3,138
Caroline County	52,967	+/-4,183
Carroll County	81,600	+/-2,723
Cecil County	66,575	+/-3,212
Charles County	90,789	+/-2,550
Dorchester County	45,508	+/-2,278
Frederick County	82,061	+/-1,786
Garrett County	41,728	+/-3,543
Harford County	79,091	+/-2,665
Howard County	107,452	+/-2,600
Kent County	58,157	+/-3,997
Montgomery County	97,181	+/-1,499
Prince George's County	72,098	+/-942
Queen Anne's County	84,309	+/-5,724
St. Mary's County	85,174	+/-2,252
Somerset County	32,997	+/-4,564
Talbot County	58,618	+/-5,328
Washington County	55,700	+/-2,054
Wicomico County	50,473	+/-2,688
Worcester County	56,279	+/-3,631
Baltimore city	40,798	+/-742

GCT1901
 MEDIAN HOUSEHOLD INCOME (IN 2013 INFLATION-ADJUSTED DOLLARS) - State -- County
 Universe: Households
 2011-2013 American Community Survey 3-Year Estimates

Source: ACS 2013 3-Year Estimates

Demonstrations



Topics
Population, Economy

Geography
Maps, Geographic Data

Library
Infographics, Publications

Data
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#ACSdata



2009-2013 American Community Survey statistics now available

A new edition of the interactive mapping tool, *Census Explorer*, illustrates characteristics of young adults (age 18-34) across the decades using data from the 1980, 1990 and 2000 Censuses and the 2009-2013 American Community Survey.

1 2 3 4 5 6 7

Population Clock

U.S. Population

3 2 0 , 1 1 5 , 1 1 1 0

World Population

7 , 2 1 5 , 9 5 1 , 9 7 4

Jan 05, 2016 20:24 UTC (Eastern+5)

[Learn More >>](#)

QuickFacts

Quick, easy access to facts about people, business, and geography.

Select a state to begin



U.S. Census Bureau Economic Indicators

Construction Spending	\$975.0 B	↓*
November 2014 Report		
Released 10:00 AM EST, 1/2/15		-0.3%
New Residential Sales	438,000	↓*
November 2014 Report	Single-family houses	
Released 10:00 AM EST, 12/23/14		-1.6%
Advance Report Durable Goods	\$242.3 B	□

* change not statistically significant
□ significance not reported / applicable

Latest News



2020 Census Quarterly Program Management Review Webcast

January 05, 2015

The review will focus on development of 2020 Census Concept of Operations, results from the 2014 Census Test, 2015 testing status and testing planned for 2016.

Stat of the Day

Quarterly Survey of Public Pensions

The Quarterly Survey of Public Pensions provides national summary data on the structure, expenditures, and composition of

Data-Access Tools You'll Use: Demographic & Housing

Data-Access Tool	What it Does
Quick Facts & Quick Facts Beta	Basic indicators for your community, including latest Population Estimates, with just a few clicks
America FactFinder	Limited to Comprehensive Searches in three formats: Community Facts, Guided Search & Advanced Search. Use to access household and business data.
EasyStats	Web App with select indicators, good at disaggregation by Race and Hispanic Origin
My Congressional District	Web App with select indicators, including Ancestry, Jobs, Education and Income, by Congressional District, across U.S. Easy to use, downloadable and sharable via social media and web widget
Census Explorer	Online dynamic mapping tool with select indicators in several editions: Young Adults: Then and Now; People, Education & Income; Population Estimates; Retail Edition
Flows Mapper	County-to-County Migration Flow Tables, which come from data collected by the American Community Survey between 2008 and 2012
Language Mapper	Mapped data on speakers of languages other than English and on their English-speaking ability
2010 Census Interactive Population Map	Use this tool to explore 2010 Census statistics down to the block level, compare your community with others, and embed charts on your web site.

Questions and Support

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