American Community Survey

Maryland State Data Center

Affiliate Meeting

September 16, 2010

2010 ACS Schedule (tentative)

- September 28th- 2009 Single year data for areas over 65,000
- December – 5 yr.(2005-2009) data for all areas down to census tract; block group data will only be available in American FactFinder's summary files – *not in detailed tables where you can select an individual table*
- January – 3 yr. (2007-2009) data – all areas over 20,000
- See the ACS schedule handout

ACS Multiyear Estimates

- 3 year estimates areas greater than 20,000 persons
  - data aggregated for years 2007, 2008 & 2009;
- 5 year estimates available all areas
  - aggregated for years 2005, 2006, 2007, 2008 & 2009
- ***Don't mix and match – if using multiyear for an area don't compare to single year data for another area***

ACS Multiyear cont'd

- Multiyear estimates are more precise than single year because the sample size is larger
- Which is more important for your application -

  currency of data – *use single year*

  validity of data – *use multiyear*
- If geography is large (such as a metro county) - using single year data may be acceptable and provide information on the most recent changes (look at the margin of error)

More Multiyear

- Estimates are based on boundaries of the last year (i.e. 2007-2009 city data would use the boundary as of Jan. 2009)
- All years in multiyear estimates are given the same weight; all months (36 for the 3 yr est.) are aggregated
- Dollar values such as income and housing value are adjusted with inflation factors to reflect the end year of the time period (ACS 2007-2009, *IN 2009 INFLATION-ADJUSTED DOLLARS*)
- Each year a new product is released; the earliest year is dropped and the most recent year is added *(2007-2009 will be 2008-2010 next year; 2005-2009 will be 2006-2010)*

ACS Methodology Review

About 250,000 surveys mailed each month nationally

- Equal to about 3 million annually
  - Corresponds to a 1 in 40 sample size (approx. 2.5%); decennial long form was 1 in 6 addresses (16.6%)
  - Census Bureau applies person and household weights ; Summing the weights produces the estimates
  - ACS is not meant to be used for “counts” of population or race, use the annual population estimates
  - ACS provides “characteristics” about the population

Finding ACS Data in American Factfinder

www.census.gov

U.S. Census Bureau

American FactFinder

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AMERICAN COMMUNITY SURVEY

Load Query | Clear all selections

The American Community Survey is a nationwide survey designed to provide communities a fresh look at how they are changing. The Puerto Rico Community Survey is the equivalent of the American Community Survey for Puerto Rico. more...

2008 Quick Guide | Errata Notes

Other Resources

- American Community Survey Main Page
- Quality Measures
- Public Use Microdata Sample (PUMS) - download data and view documentation
- Download Center
- Download 1996-2004 data via FTP

Explain Table and Map Formats

2008

2006-2008 American Community Survey 3-Year Estimates

- Data from the American Community Survey and the Puerto Rico Community Survey
- Collected during calendar years 2006, 2007 and 2008
- Available for geographic areas with populations of **20,000** or more

Explain 1-year vs. 3-year estimates

2008 American Community Survey 1-Year Estimates

- Data from the American Community Survey and the Puerto Rico Community Survey

Select from the following:

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Custom Table

Enter a table number
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About this data set

Population profile ACS 2006-2008 for Country of Birth

U.S. Census Bureau

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Selected Population Profile

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Change...

geography (state, county, place...)

population group

- Subject Definitions
- Quality Measures

Prince George's County, Maryland

S0201. Selected Population Profile in the United States

Country of Birth: **Latin America:**

Data Set: **2006-2008 American Community Survey 3-Year Estimates**

Survey: **American Community Survey**

NOTE. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

We have identified errors in the 2008 ACS 1-year and 2006-2008 ACS 3-year data affecting the kitchen, telephone, rooms, and bedrooms tables. For more information, please click here.

Subject	Total population	Margin of Error	Latin America:	Margin of Error
TOTAL NUMBER OF RACES REPORTED				
Total population	**825,924**	*****	**80,702**	**+/-2,266**
One race	97.7%	+/-0.2	97.8%	+/-0.8
Two races	2.0%	+/-0.2	2.1%	+/-0.8
Three races	0.2%	+/-0.1	0.1%	+/-0.1
Four or more races	0.0%	+/-0.1	0.0%	+/-0.1
SEX AND AGE				
Total population	**825,924**	*****	**80,702**	**+/-2,266**

U.S. Census Bureau

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Select Population Groups

You are here: Main ▸ Data Sets ▸ Geography ▸ Population Groups ▸ Results

2006-2008 American Community Survey 3-Year Estimates, Selected Population Profile

Race or Ethnic Groups | Ancestry Groups | Country of Birth

Select a country of birth and click 'Show Result'

.. .. .. Sierra Leone
.. .. Africa, not elsewhere classified
.. Americas:
.. .. Latin America:
.. .. .. Caribbean:
.. .. Bahamas

Explain Country of Birth

Drilling down further to a specific country in Latin America may yield no results unless there is at least 20,000 population from that specific country of birth

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Selected Population Profile

You are here: Main ▸ Data Sets ▸ Geography ▸ Population Groups ▸ Results

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Change...

geography (state, county, place...)

population group

- Subject Definitions
- Quality Measures

Prince George's County, Maryland

S0201. Selected Population P

Country of Birth: **Caribbean:**

Data Set: **2006-2008 American Community Survey 3-Year Estimates**

Survey: **American Community Survey**

NOTE: Data are not available for the selected geography because the population for the selected race, ethnic or ancestry group falls below a population threshold of 20,000. To view a table for the selected geography, choose a more broadly defined population group. To view a table for the selected population group, change your selection to a larger geography.

Geography:

Prince George's County, Maryland

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USCENSUSBUREAU

Montgomery County, 2008 ACS		
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL		
All families	3.50%	+/-0.6
With related children under 18 years	5.30%	+/-1.0
With related children under 5 years only	5.00%	+/-2.7
Married couple families	1.80%	+/-0.5
With related children under 18 years	2.20%	+/-0.8
With related children under 5 years only	2.10%	+/-1.9
Families with female householder, no husband present	11.70%	+/-2.8
With related children under 18 years	16.50%	+/-3.9
With related children under 5 years only	20.10%	+/-12.2

Look at the variations in the margins of error between "all families" vs. those w/ female householder w/ related children under 5 yrs

This is from the "data profiles" selection in FactFinder

Allegany County, 2008 ACS		
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL		
All families	8.50%	+/-3.6
With related children under 18 years	14.10%	+/-7.0
With related children under 5 years only	21.10%	+/-16.7
Married couple families	3.80%	+/-2.5
With related children under 18 years	3.60%	+/-5.1
With related children under 5 years only	0.00%	+/-13.6
Families with female householder, no husband present	26.70%	+/-12.4
With related children under 18 years	41.00%	+/-17.4
With related children under 5 years only	61.60%	+/-37.6

Detailed Tables

You are here: Main ▸ Data Sets ▸ Data Sets with Detailed Tables ▸ Geography ▸ Tables ▸ Results

Use the links above to change your results | Options | Print / Download | Related Items

B02003. RACE - Universe: TOTAL POPULATION

Data Set: 2006-2008 American Community Survey 3-Year Estimates

Survey: American Community Survey

View the collapsed version of this table. Geographies missing from this table are listed below the table.

NOTE: Data for the following geographic area(s) are not available. This table is only available for the United States.

Geography:

Prince George's County, Maryland

Data are not available for Prince George's County – only available for the U.S. may want to look at a collapsed version of the table

Why no data available – 63 Race Combinations

Total:

Population of one race:

White alone

Black or African American alone

American Indian and Alaska Native alone

Asian alone

Native Hawaiian and Other Pacific Islander alone

Some other race alone

Population of two or more races:

Population of two races:

White; Black or African American

Population of five races:

White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander

White; Black or African American; American Indian and Alaska Native; Asian; Some other race

White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some other race

White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some other race

White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some other race

Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some other race

Population of six races:

White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some other race

C02003. RACE - Universe: TOTAL POPULATION *COLLAPSED TABLE*
Data Set: 2006-2008 American Community Survey 3-Year Estimates

	Prince George's County, Maryland	
	Estimate	Margin of Error (+/-)
Total:	825,924	*****
Population of one race:	807,179	1,516
White	193,161	3,385
Black or African American	527,183	1,815
American Indian and Alaska Native	2,154	602
Asian alone	32,306	516
Native Hawaiian and Other Pacific Islander	834	562
Some other race	51,541	3,362
Population of two or more races:	18,745	1,516
Two races including Some other race	2,255	593
Two races excluding Some other race, and three or more races	16,490	1,568
Population of two races:	16,650	1,409
White; Black or African American	6,032	1,016
White; American Indian and Alaska Native	1,622	466
White; Asian	1,737	415
Black or African American; American Indian and Alaska Native	2,710	568
All other two race combinations	4,549	755
Population of three races	1,875	579
Population of four or more races	220	161

ACS Data on the MD State Data Center website

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- Population Estimates
- Median Household Income Estimates
- Projection Profiles
- Parcel PFA Data

MARYLAND STATE DATA CENTER

Welcome to the SDC

The Maryland State Data Center (SDC) is an official partner with the U.S. Census Bureau. The Maryland Department of Planning coordinates the SDC program in Maryland.

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The SDC monitors development trends, analyzes social, economic and other ch
prepares population, housing, employment, labor force, and income projections
baseline for planning for growth and development in the State.

This page is maintained by the Maryland State Data Center Staff. Questions, c
suggestions should be directed to the Maryland State Data Center

What's New?

itial Parcels In and Out of Priority
940-2007
Estimates for Maryland and All

More

1. Base Relocation and Closure Report
2. Elderly Migration Task Force Report, 2006

Presentations

MSDC Power Point Presentations
MSDC Affiliate Meeting on June 17, 2008
MSDC Affiliate Meeting on April 4, 2007

American Community Survey

2008 Maryland Statistical Handbook

Interactive Parcel Growth Map

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- Job & Personal Income Data
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- 2010 Statistical Abstract

American Community Survey

Geographies with a Population Over 20,000 for 2007
Geographies With a Population Over 65,000 for 2006 and 2005
Jurisdictions With a Population Over 250,000 and Calvert County Test Site for 2002 to 2004

- Single Year : 2008 *new* || 2007 || 2006 || 2005 || 2004 || 2003 || 2002
- Multi-Year : 2006 to 2008 *new* || 2005 to 2007
- Socioeconomic Characteristics for Maryland's Jurisdictions and Places : 2006 to 2008 *new* || 2005 to 2007
- To Calculate If Two Estimates are Statistically Significant

Spreadsheet to Calculate ACS Margins of Error and Statistical Significance for Sums, Proportions and Ratios. This calculator, updated 2/23/2009, from the New York Data Center allows users to produce the margins of error for the ACS when combining counts or proportions for a number of geographic areas. It also allows users to test significant differences between two estimates.

Calculate the statistical significance of the difference between two estimates [Go]

Usage Notes: This calculator can be used to determine if the difference between two estimates is statistically significant at the 90% confidence level. It can also be used to calculate the 90% margins of error for various combinations of estimates. The estimates can be at two different points in time or two different geographic areas. The estimates can be means, medians, number of people/ households/housing units, ratios, or proportions.

ACS Compass Products :

Spreadsheets for calculating statistical significance and new Margins of Error - on the agenda for the afternoon session

Demographic, Socioeconomic, Housing and Journey to Work Data for Maryland's Incorporated and Unincorporated Areas & Jurisdictions

2006 – 2008 Three-Year Estimates

MDP
Maryland Department of Planning

Martin O'Malley, *Governor*

Anthony Brown, *Lt. Governor*

Richard Eberhart Hall, *Secretary*

Matthew J. Power, *Deputy Secretary*

MARYLAND
Smart, Green & Growing

2006-2008 American Community Survey Three-Year Estimates

	Percent Population 25+ With High School Degree	MoE*	Percent Population 25+ With Bachelor's Degree	MoE*	Percent Population 25+ with Advanced Degree	MoE*	Percent In Labor Force (Age 16 to 64)	MoE*	Median House-hold Income	MoE*	Per Capita Income	MoE*	Percent of Persons Below Poverty Level	MoE*
Places over 20,000 Population														
Maryland	87.5	+/-0.2	35.1	+/-0.2	15.6	+/-0.2	78.5	+/-0.2	$70,005	+/-421	$34,508	+/-178	8.0	+/-0.2
Annapolis city (Anne Arundel)	87.9	+/-2.1	44.9	+/-3.1	19.1	+/-2.3	83.7	+/-2.6	$72,173	+/-9,384	$42,499	+/-3,571	9.3	+/-2.4
Arbutus CDP (Baltimore)	87.2	+/-3.3	27.9	+/-4.3	10.2	+/-2.4	84.0	+/-3.1	$56,865	+/-5,795	$27,111	+/-2,376	14.4	+/-5.1
Arnold CDP (Anne Arundel)	97.7	+/-0.9	50.6	+/-3.9	22.4	+/-3.2	81.6	+/-2.6	$101,172	+/-4,871	$46,155	+/-4,028	2.6	+/-1.3
Aspen Hill CDP (Montgomery)	85.3	+/-2.5	42.5	+/-3.3	18.2	+/-2.1	82.1	+/-2.4	$73,991	+/-7,242	$31,953	+/-1,916	8.7	+/-2.7
Baltimore city (Baltimore city)	75.8	+/-0.8	24.2	+/-0.6	11.7	+/-0.5	70.1	+/-0.8	$39,083	+/-774	$22,656	+/-448	19.6	+/-0.9
Bel Air North CDP (Harford)	94.1	+/-1.8	38.1	+/-3.7	12.7	+/-2.3	82.7	+/-2.6	$91,080	+/-4,341	$34,875	+/-1,776	1.9	+/-1.1
Bel Air South CDP (Harford)	95.1	+/-1.4	37.3	+/-2.8	14.7	+/-1.8	82.4	+/-1.8	$84,072	+/-4,922	$37,068	+/-1,703	3.2	+/-1.2
Bethesda CDP (Montgomery)	97.8	+/-0.6	81.7	+/-1.9	52.1	+/-2.6	78.6	+/-1.9	$133,026	+/-7,168	$79,405	+/-4,228	2.7	+/-0.8
Bowie city (Prince George's)	93.9	+/-1.4	47.8	+/-2.6	21.9	+/-2.1	83.1	+/-1.7	$99,427	+/-4,579	$41,004	+/-1,966	3.6	+/-1.4
Carney CDP (Baltimore)	91.9	+/-1.9	32.7	+/-3.3	11.0	+/-1.8	84.4	+/-2.0	$60,283	+/-3,872	$32,635	+/-1,875	3.8	+/-1.7
Catonsville CDP (Baltimore)	86.5	+/-2.7	39.5	+/-3.7	16.5	+/-2.1	68.9	+/-5.4	$65,456	+/-4,614	$30,405	+/-2,234	7.6	+/-2.2
Chillum CDP (Prince George's)	72.9	+/-3.4	18.6	+/-2.9	7.5	+/-1.6	82.4	+/-4.3	$52,796	+/-2,904	$23,039	+/-1,698	11.6	+/-3.0
Clinton CDP (Prince George's)	88.5	+/-2.9	21.2	+/-3.4	8.4	+/-2.1	79.8	+/-3.0	$91,155	+/-9,248	$35,254	+/-2,118	2.8	+/-1.4
Colesville CDP (Montgomery)	95.0	+/-1.7	57.1	+/-5.2	30.5	+/-3.5	81.7	+/-3.0	$120,106	+/-7,763	$48,512	+/-3,912	2.1	+/-1.2
College Park city (Prince George's)	84.8	+/-4.5	40.1	+/-5.4	22.4	+/-4.1	54.6	+/-4.2	$66,117	+/-5,791	$17,463	+/-1,734	26.8	+/-5.1
Columbia CDP (Howard)	94.5	+/-1.1	60.4	+/-2.3	29.5	+/-1.9	83.1	+/-1.2	$95,729	+/-3,105	$45,261	+/-1,668	4.9	+/-1.0
Cumberland city (Allegany)	84.0	+/-3.1	14.5	+/-2.3	6.5	+/-1.9	69.9	+/-3.3	$30,105	+/-2,322	$19,713	+/-1,348	18.5	+/-3.7

Characteristics for: Places& counties over 20,000 pop. and Congressional Districts

QUESTIONS?