Planning Database with 2010 Census and 2008 – 2012 American Community Survey Data

At the Block Group Level

November 20, 2014

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Statement of Purpose

The Block-Group Level Planning Database with 2010 Census and 2008 – 2012 American Community Survey Data (also called the PDB) is a database that assembles a range of housing, demographic, and socioeconomic, and census operational data. The PDB variables have been extracted from census and American Community Survey (ACS) databases and summarized for all block groups in the country, including Puerto Rico. This database updates the planning database created using 2008 – 2012 American Community Survey data and will continue to be updated annually and made available to both internal and external users.

A planning database containing data from the 2000 decennial census was made available at the tract level, and that earlier database was used during the 2010 decennial census to plan for field and mail activities[1]. This newer version was created to be used for similar operational functions, as well as to be investigated for research purposes. The database can be used in many ways, including the following:

- Identifying areas where special outreach and promotion efforts could be considered
- Linking spatial map data files to create thematic maps
- Generating reports, cross tabulations, and simple analyses
- Planning recruitment activities by Regional Census Centers, and Local Census Offices

Limitations of the Data

The 2014 PDB is based on Census 2010 geographical boundaries. Data contained in the PDB are subject to nonsampling error. In addition, the ACS data are also subject to sampling error.

[1] See "Census 2000 Planning Database" at http://www.census.gov/2010census/partners/research/

Description of Variables in the Database

This section contains descriptions of all variables in the PDB. More details for these variables are available in additional documentation for the source material. For decennial data, Appendices A and B of the *2010 Census Summary File 2 Technical Documentation* (http://www.census.gov/prod/cen2010/doc/sf2.pdf) are useful, and for ACS data, the *American Community Survey and Puerto Rico Community Survey 2012 Subject Definitions* (https://www.census.gov/acs/www/Downloads/data_documentation/SubjectDefinitions/2012_ACSSubjectDefinitions.pdf) is useful.

The PDB contains one record per block group. Except where noted, counts enable the user to aggregate the data to the tract level or to higher units of geography. When aggregating to higher geographies, the user should be aware that block groups with missing values may not be represented in the resulting summary. While both count estimates and percentage estimates have been provided, the appropriate variables to be used as denominators when calculating percentages from count variables are noted. Selected median values are also provided. A blank percentage value indicates that the numerator or denominator used in its calculation was missing, or the denominator had a value of zero. Median household income and median house value are provided for the block group and for the tract in which the block group is located.

For variables in which both census and ACS estimates are available, both are provided. Because the PDB is updated annually, the ACS estimates show estimated change in these measures since 2010 as the decade progresses. The 2008 – 2012 ACS 5-year estimates are based on data collected between January 2008 and December 2012. They represent average characteristics over the 5-year period, and thus have a larger sample size than 1-year ACS estimates but are less current than 1-year ACS estimates.

ACS estimates appear with the margin of error (MOE) associated with the estimate. Some custom measures were created by aggregating published estimates; the MOEs of such aggregates were derived from published MOEs and may differ from MOEs in other data products. Variable labels indicate which MOEs were derived. Please see Appendix A. Margin of Error Calculations of this document for more information about how these derived MOEs were calculated and how to calculate MOEs when creating custom aggregate estimates.

In addition, a new Low Response Score (LRS) is provided that is similar in purpose to the Hard-to-Count scores issued after past censuses. This score identifies block groups and tracts whose characteristics predict low census mail return rate and are highly correlated (negatively) with census and survey participation. A discussion of the LRS methodology can be found in "The U.S. Census Bureau Mail Return Rate Challenge: Crowdsourcing to Develop a Hard-to-Count Score," found here: http://www.census.gov/srd/papers/pdf/rrs2014-08.pdf.

The geographic vintage of the block groups and tracts in this file are from 2010 Census geography. The Census Bureau updates geographic identifiers and boundaries between censuses in rare instances. Data from the 2008 – 2012 ACS 5-year estimates use the most recent geographic identifiers, and a handful of

geographies could not be matched between vintages. More information about geographic variables can be found in Appendix D of this document, as well as here: http://www.census.gov/geo/reference/terms.html.

Block groups deemed uninhabitable are indicated with the Flag variable. These block groups have a zero census population but, due to the nature of the ACS estimates, may contain ACS population estimates.

Sources of all variables are indicated; "2010 Census" refers to data items from the 2010 decennial census, "ACS" refers to ACS data items asked of the persons and housing units in the 2008 to 2012 ACS samples, and "Census geography" refers to the basic geographic data associated with the items.

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
		GEOGRAPHY VARIABLES				
1	**GIDBG**	State/County/Tract/BG - A 12 digit code. The first two digits denote State, the next three digits denote County, the next six digits denote Tract, and the last digit denotes Block Group.	A 12 digit code including State/County/Tract/BG where the first two digits denote State, the next three digits denote County, the next six digits denote Tract, and the last digit denotes Block Group.	Block group	Census geography	
2	**State**	State (FIPS Code) - 2-digit code	FIPS code of State or statistically equivalent entity (Puerto Rico, D.C., American Samoa, Commonwealth of Northern Mariana Islands, Guam, U.S. Virgin Islands)	Block group	Census geography	
3	**State_name**	State Name	Name of State or statistically equivalent entity (Puerto Rico, D.C., American Samoa, Commonwealth of Northern Mariana Islands, Guam, U.S. Virgin Islands)	Block group	Census geography	
4	**County**	County (FIPS Code) - 3-digit code	FIPS code of county (primary legal division of a state) or statistically equivalent entity	Block group	Census geography	
5	**County_name**	ST-CO-Name	Name of County or statistically equivalent entity	Block group	Census geography	
6	**Tract**	Census Tract - 6-digit code	Subdivision of a County or statistically equivalent entity (0 to over 25,000 people per Tract with an average size of 4,200)	Tract	Census geography	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
7	**Block_Group**	Census Block Group - 1 digit code	Group of Blocks within the same Census Tract (0 to over 25,000 people per Block Group with an average size of 1,400)	Block group	Census geography	
8	**Flag**	Block Group area with block group code 0 (zero), representing areas that are not habitable	If a Block Group contains only uninhabitable land, this variable is filled. Otherwise, this variable is blank.	Block group	Census geography	
9	**LAND_AREA**	Land area (sq.mi.)	Land area of geographical entity in square miles	Block group	Census geography	
10	**AIAN_LAND**	Block Group land area is located on any part of an American Indian, Alaska Native, or Native Hawaiian area	If the Block Group land area is located on any part of an American Indian, Alaska Native, or Native Hawaiian area, then this variable has a value of 1. Otherwise, this variable has a value of 0.	Block group	Census geography	
11	**URBANIZED_AREA_POP_CEN_2010**	Population living in Area defined as an Urbanized Area (50,000 or greater) in the 2010 Census	Population living in a densely settled area containing 50,000 or more people	Block group	2010 Census	Tot_Population_CEN_2010
12	**URBAN_CLUSTER_POP_CEN_2010**	Population living in Area defined as an Urban Cluster Area (2,500-49,999) in the 2010 Census	Population living in a densely settled area containing 2,500 to 49,999 people	Block group	2010 Census	Tot_Population_CEN_2010
13	**RURAL_POP_CEN_2010**	Population living in Area outside of an Urban Area or Urban Cluster in the 2010 Census	Population living outside of an Urbanized Area or Urban Cluster	Block group	2010 Census	Tot_Population_CEN_2010
		POPULATION VARIABLES				
14	**Tot_Population_CEN_2010**	Total population in the 2010 Census	U.S. resident population includes everyone whose usual place of residence was in the block group at the time of the 2010 Census	Persons	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
15	**Tot_Population_ACS_08_12**	Total Population in the ACS	U.S. resident population includes everyone who meets the ACS residence rules in the block group at the time of the ACS interview	Persons	ACS	
16	**Tot_Population_ACSMOE_08_12**	MOE - Total Population	Margin of Error for Total Population	Persons	ACS	
17	**Males_CEN_2010**	Number of Males in the 2010 Census	Number of Males in 2010 Census Total Population	Persons	2010 Census	Tot 2010 Census Pop
18	**Males_ACS_08_12**	Number of Males in the ACS	Number of Males in ACS Total Population	Persons	ACS	Tot ACS Pop
19	**Males_ACSMOE_08_12**	MOE - Number of Males	Margin of Error for Number of Males	Persons	ACS	
20	**Females_CEN_2010**	Number of Females in the 2010 Census	Number of Females in 2010 Census Total Population	Persons	2010 Census	Tot 2010 Census Pop
21	**Females_ACS_08_12**	Number of Females in the ACS	Number of Females in ACS Total Population	Persons	ACS	Tot ACS Pop
22	**Females_ACSMOE_08_12**	MOE - Number of Females	Margin of Error for Number of Females	Persons	ACS	
23	**Pop_under_5_CEN_2010**	Persons less than age 5 in the 2010 Census	Number of persons under age 5 as of April 1, 2010	Persons	2010 Census	Tot 2010 Census Pop
24	**Pop_under_5_ACS_08_12**	Persons less than age 5 in the ACS	Number of persons under age 5 at the time of the ACS interview	Persons	ACS	Tot ACS Pop
25	**Pop_under_5_ACSMOE_08_12**	MOE - Persons less than age 5 (Derived)	Margin of Error for Persons less than age 5	Persons	ACS	
26	**Pop_5_17_CEN_2010**	Persons ages 5 to 17 in the 2010 Census	Number of persons ages 5 to 17 as of April 1, 2010	Persons	2010 Census	Tot 2010 Census Pop
27	**Pop_5_17_ACS_08_12**	Persons ages 5 through 17 in the ACS	Number of persons ages 5 to 17 at the time of the ACS interview	Persons	ACS	Tot ACS Pop
28	**Pop_5_17_ACSMOE_08_12**	MOE - Persons ages 5 through 17	Margin of Error for Persons ages 5 to 17	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
29	**Pop_18_24_CEN_2010**	Persons ages 18 to 24 in the 2010 Census	Number of persons ages 18 to 24 as of April 1, 2010	Persons	2010 Census	Tot 2010 Census Pop
30	**Pop_18_24_ACS_08_12**	Persons ages 18 through 24 in the ACS	Number of persons ages 18 to 24 at the time of the ACS interview	Persons	ACS	Tot ACS Pop
31	**Pop_18_24_ACSMOE_08_12**	MOE - Persons ages 18 through 24 (Derived)	Margin of Error for Persons ages 18 to 24	Persons	ACS	
32	**Pop_25_44_CEN_2010**	Persons ages 25 to 44 in the 2010 Census	Number of persons ages 25 to 44 as of April 1, 2010	Persons	2010 Census	Tot 2010 Census Pop
33	**Pop_25_44_ACS_08_12**	Persons ages 25 through 44 in the ACS	Number of persons ages 25 to 44 at the time of the ACS interview	Persons	ACS	Tot ACS Pop
34	**Pop_25_44_ACSMOE_08_12**	MOE - Persons ages 25 through 44 (Derived)	Margin of Error for Persons ages 25 to 44	Persons	ACS	
35	**Pop_45_64_CEN_2010**	Persons ages 45 to 64 in the 2010 Census	Number of persons ages 45 to 64 as of April 1, 2010	Persons	2010 Census	Tot 2010 Census Pop
36	**Pop_45_64_ACS_08_12**	Persons ages 45 through 64 in the ACS	Number of persons ages 45 to 64 at the time of the ACS interview	Persons	ACS	Tot ACS Pop
37	**Pop_45_64_ACSMOE_08_12**	MOE - Persons ages 45 through 64 (Derived)	Margin of Error for Persons ages 45 to 64	Persons	ACS	
38	**Pop_65plus_CEN_2010**	Persons ages 65 and over in the 2010 Census	Number of persons age 65 and over as of April 1, 2010	Persons	2010 Census	Tot 2010 Census Pop
39	**Pop_65plus_ACS_08_12**	Persons ages 65 or more in the ACS	Number of persons age 65 and over at the time of the ACS interview	Persons	ACS	Tot ACS Pop
40	**Pop_65plus_ACSMOE_08_12**	MOE - Persons ages 65 or more	Margin of Error for Persons ages 65 and over	Persons	ACS	
41	**Tot_GQ_CEN_2010**	Total Group Quarters Population in the 2010 Census	Number of people living or staying in a group living arrangement owned by an entity providing housing to residents, who are usually unrelated, as of April 1, 2010	Persons	2010 Census	Tot 2010 Census Pop

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
42	**Inst_GQ_CEN_2010**	Institutional Group Quarters Population in the 2010 Census	Number of those in group quarters primarily ineligible, unable, or unlikely to participate in labor force while residents. Institutional group quarters include correctional facilities for adults, juvenile facilities, nursing facilities, and other institutional facilities.	Persons	2010 Census	Tot 2010 Census Pop
43	**Non_Inst_GQ_CEN_2010**	Non-Institutional Group Quarters Population in the 2010 Census	Number of those in group quarters primarily eligible, able, or likely to participate in labor force while residents. Noninstitutional group quarters include college/university student housing, military quarters, and other noninstitutional facilities.	Persons	2010 Census	Tot 2010 Census Pop
44	**Hispanic_CEN_2010**	Hispanic Origin in the 2010 Census	Number of people who identify as "Mexican", "Puerto Rican", "Cuban", or "another Hispanic, Latino, or Spanish origin" in the 2010 Census population	Persons	2010 Census	Tot 2010 Census Pop
45	**Hispanic_ACS_08_12**	Hispanic Origin in the ACS	Number of people who identify as "Mexican", "Puerto Rican", "Cuban", or "another Hispanic, Latino, or Spanish origin" in the ACS population	Persons	ACS	Tot ACS Pop
46	**Hispanic_ACSMOE_08_12**	MOE - Hispanic Origin Population	Margin of Error of Hispanic Origin Population	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
47	**NH_White_alone_CEN_2010**	Non_Hisp White only in the 2010 Census	Number of people who indicate no Hispanic origin and their only race as "White" or report entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian in the 2010 Census population	Persons	2010 Census	Tot 2010 Census Pop
48	**NH_White_alone_ACS_08_12**	Non_Hisp White only in the ACS	Number of people who indicate no Hispanic origin and their only race as "White" or report entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian in the ACS population	Persons	ACS	Tot ACS Pop
49	**NH_White_alone_ACSMOE_08_12**	MOE - Non-Hisp White only	Margin of Error of Non-Hispanic White only	Persons	ACS	
50	**NH_Blk_alone_CEN_2010**	Non_Hisp Black or African American only in the 2010 Census	Number of people who indicate no Hispanic origin and their only race as "Black, African Am., or Negro" or report entries such as African American, Kenyan, Nigerian, or Haitian in the 2010 Census population	Persons	2010 Census	Tot 2010 Census Pop
51	**NH_Blk_alone_ACS_08_12**	Non_Hisp Black or African American only in the ACS	Number of people who indicate no Hispanic origin and their only race as "Black, African Am., or Negro" or report entries such as African American, Kenyan, Nigerian, or Haitian in the ACS population	Persons	ACS	Tot ACS Pop
52	**NH_Blk_alone_ACSMOE_08_12**	MOE - Non-Hisp Black or African American only	Margin of Error of Non-Hispanic Black or African-American only	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
53	**NH_AIAN_alone_CEN_2010**	Non-Hisp American Indian and Alaska Native only in the 2010 Census	Number of people who indicate no Hispanic origin and their only race as "American Indian or Alaska Native" or report entries such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central/South American Indian groups in the 2010 Census population	Persons	2010 Census	Tot 2010 Census Pop
54	**NH_AIAN_alone_ACS_08_12**	Non-Hisp American Indian and Alaska Native only in the ACS	Number of people who indicate no Hispanic origin and their only race as "American Indian or Alaska Native" or report entries such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central/South American Indian groups in the ACS population	Persons	ACS	Tot ACS Pop
55	**NH_AIAN_alone_ACSMOE_08_12**	MOE - Non-Hisp American Indian and Alaska Native only	Margin of Error of Non-Hispanic American Indian and Alaska Native only	Persons	ACS	
56	**NH_Asian_alone_CEN_2010**	Non-Hisp Asian only in the 2010 Census	Number of people who indicate no Hispanic origin and their only race as "Asian Indian", "Chinese", "Filipino", "Korean", "Japanese", "Vietnamese", or "Other Asian" in the 2010 Census population	Persons	2010 Census	Tot 2010 Census Pop
57	**NH_Asian_alone_ACS_08_12**	Non-Hisp Asian only in the ACS	Number of people who indicate no Hispanic origin and their only race as "Asian Indian", "Chinese", "Filipino", "Korean", "Japanese", "Vietnamese", or "Other Asian" in the ACS population	Persons	ACS	Tot ACS Pop

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
58	**NH_Asian_alone_ACSMOE_08_12**	MOE - Non-Hisp Asian only	Margin of Error of Non-Hispanic Asian only	Persons	ACS	
59	**NH_NHOPI_alone_CEN_2010**	Non-Hisp Native Hawaiian and Other Pacific Islander only in the 2010 Census	Number of people who indicate no Hispanic origin and their only race as "Native Hawaiian", "Guamanian or Chamorro", "Samoan", or "Other Pacific Islander" in the 2010 Census population	Persons	2010 Census	Tot 2010 Census Pop
60	**NH_NHOPI_alone_ACS_08_12**	Non-Hisp Native Hawaiian and Other Pacific Islander only in the ACS	Number of people who indicate no Hispanic origin and their only race as "Native Hawaiian", "Guamanian or Chamorro", "Samoan", or "Other Pacific Islander" in the ACS population	Persons	ACS	Tot ACS Pop
61	**NH_NHOPI_alone_ACSMOE_08_12**	MOE - Non-Hisp Native Hawaiian and Other Pacific Islander only	Margin of Error of Non-Hispanic Native Hawaiian and Other Pacific Islander only	Persons	ACS	
62	**NH_SOR_alone_CEN_2010**	Non-Hisp Some other race only in the 2010 Census	Number of people who indicate no Hispanic origin and their race as other than "White", "Hispanic", "Black or African American", "American Indian or Alaska Native", "Asian", and "Native Hawaiian or Other Pacific Islander" in the 2010 Census population	Persons	2010 Census	Tot 2010 Census Pop

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
63	**NH_SOR_alone_ACS_08_12**	Non-Hisp Some other race only in the ACS	Number of people who indicate no Hispanic origin and their race as other than "White", "Hispanic", "Black or African American", "American Indian or Alaska Native", "Asian", and "Native Hawaiian or Other Pacific Islander" in the ACS population	Persons	ACS	Tot ACS Pop
64	**NH_SOR_alone_ACSMOE_08_12**	MOE - Non-Hisp Some other Race only	Margin of Error of Non-Hispanic Some other Race only	Persons	ACS	
65	**Pop_5yrs_Over_ACS_08_12**	Population 5 years and over (denominator for language) in the ACS	Number of people ages 5 years and over at time of interview in the ACS population	Persons	ACS	Tot ACS Pop
66	**Pop_5yrs_Over_ACSMOE_08_12**	MOE - Total Population aged 5 and older	Margin of Error of Population 5 years and over	Persons	ACS	
67	**Othr_Lang_ACS_08_12**	Population 5 years and older that speak a language other than English at home in the ACS	Number of people ages 5 years and over at the time of interview that speak a language other than English at home in the ACS population	Persons	ACS	ACS Pop 5+ Years
68	**Othr_Lang_ACSMOE_08_12**	MOE - Population 5 years and older that speak a language other than English at home (Derived)	Margin of Error of Population 5 years and over that speak a language other than English at home	Persons	ACS	
69	**Pop_25yrs_Over_ACS_08_12**	Number of people 25 years old and over (denominator for educ. attainment) in the ACS	Number of people ages 25 years and over at time of interview in the ACS population	Persons	ACS	Tot ACS Pop
70	**Pop_25yrs_Over_ACSMOE_08_12**	MOE - Number of people 25 years old and over	Margin of Error of Number of people 25 years old and over	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
71	**Not_HS_Grad_ACS_08_12**	Number of people 25 years old and over who are not high school graduates (received diploma or equivalent) in the ACS	Number of people ages 25 years and over at time of interview who are not high school graduates and have not received a diploma or the equivalent in the ACS population	Persons	ACS	ACS Pop 25+
72	**Not_HS_Grad_ACSMOE_08_12**	MOE - Number of people 25 years old and over who are not high school graduates (received diploma or equivalent) (Derived)	Margin of Error of Number of people 25 years old and over who are not high school graduates	Persons	ACS	
73	**College_ACS_08_12**	Persons 25+ with Bachelor's degree or higher in the ACS	Number of people ages 25 years and over at time of interview with a college degree or higher in the ACS population	Persons	ACS	ACS Pop 25+
74	**College_ACSMOE_08_12**	MOE - Persons 25+ with Bachelor's degree or higher (Derived)	Margin of Error of Persons 25+ with college degree or higher	Persons	ACS	
75	**Pov_Univ_ACS_08_12**	Population for whom poverty level is determined (denominator for persons blw pov.) in the ACS	Number of people excluding institutionalized people, people in military group quarters, people in college dormitories, and unrelated individuals under 15 years old in the ACS	Persons	ACS	Tot ACS Pop
76	**Pov_Univ_ACSMOE_08_12**	MOE - Population for whom poverty level is determined	Margin of Error for Population for whom poverty level is determined	Persons	ACS	
77	**Prs_Blw_Pov_Lev_ACS_08_12**	Number of people classified as below the poverty level in the ACS	Number of people classified as below the poverty level given their total family or household income within the last year, family size, and family composition in the ACS population	Persons	ACS	ACS Poverty Universe
78	**Prs_Blw_Pov_Lev_ACSMOE_08_12**	MOE - Number of people classified as below the poverty level (Derived)	Margin of Error of Number of people classified as below the poverty level	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
79	**Pop_1yr_Over_ACS_08_12**	Number of People 1 year old and over (denominator for Diff HU 1 year) in the ACS	Number of people ages 1 year and over at time of interview in the ACS population	Persons	ACS	Tot ACS Pop
80	**Pop_1yr_Over_ACSMOE_08_12**	MOE - Number of People 1 year old and over (Derived)	Margin of Error for Number of people 1 year old and over	Persons	ACS	
81	**Diff_HU_1yr_Ago_ACS_08_12**	Different House One Year Ago in the ACS	Number of people who moved from another residence in the U.S. or Puerto Rico within the last year in the ACS population	Persons	ACS	ACS Pop 1 year or over
82	**Diff_HU_1yr_Ago_ACSMOE_08_12**	MOE - Different House One Year Ago (Derived)	Margin of Error of Different house one year ago	Persons	ACS	
		HOUSEHOLD VARIABLES				
83	**ENG_VW_SPAN_ACS_08_12**	Spanish - No one 14 and over speaks English only or speaks English "very well" (Use Tot ACS Occ HU as denominator) in the ACS	Number of ACS households where a Spanish or Spanish Creole language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	Tot ACS occupied HUs
84	**ENG_VW_SPAN_ACSMOE_08_12**	MOE - Spanish - No one 14 and over speaks English only or speaks English "very well"	Margin of Error of Spanish-No one 14 and over speaks English only or speaks English "very well"	Households	ACS	
85	**ENG_VW_INDO_EURO_ACS_08_12**	INDO EURO - No one 14 and over speaks English only or speaks English "very well" (Use Tot ACS Occ HU as denominator) in the ACS	Number of ACS households where an Indo-European language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	Tot ACS occupied HUs

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
86	**ENG_VW_INDO_EURO_ACSMOE_08_12**	MOE - INDO EURO - No one 14 and over speaks English only or speaks English "very well"	Margin of Error of INDO EURO -No one 14 and over speaks English only or speaks English "very well"	Households	ACS	
87	**ENG_VW_API_ACS_08_12**	Asian PI - No one 14 and over speaks English only or speaks English "very well" (Use Tot ACS Occ HU as denominator) in the ACS	Number of ACS households where an Asian and Pacific Island language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	Tot ACS occupied HUs
88	**ENG_VW_API_ACSMOE_08_12**	MOE - Asian PI - No one 14 and over speaks English only or speaks English "very well"	Margin of Error of API-No one 14 and over speaks English only or speaks English "very well"	Households	ACS	
89	**ENG_VW_OTHER_ACS_08_12**	Other - No one 14 and over speaks English only or speaks English "very well" (Use Tot ACS Occ HU as denominator) in the ACS	Number of ACS households where a language other than English, Spanish, Indo-Euro, or API was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	Tot ACS occupied HUs
90	**ENG_VW_OTHER_ACSMOE_08_12**	MOE - Other - No one 14 and over speaks English only or speaks English "very well"	Margin of Error of OTH-No one 14 and over speaks English only or speaks English "very well"	Households	ACS	
91	**ENG_VW_ACS_08_12**	No one 14 and over speaks English only or speaks English "very well" (Use Tot ACS Occ HU as denominator) in the ACS	Number of ACS households where no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	Tot ACS occupied HUs
92	**ENG_VW_ACSMOE_08_12**	MOE - No one 14 and over speaks English only or speaks English "very well" (Derived)	Margin of Error of No one 14 and over speaks English only or speaks English "very well"	Households	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
93	**Rel_Family_HHDS_CEN_2010**	Related family households in the 2010 Census	Number of 2010 Census households where at least 2 members are related by birth, marriage, or adoption; same-sex couple households with no relatives of the householder present are not included	Households	2010 Census	Tot 2010 Census occupied HUs
94	**Rel_Family_HHD_ACS_08_12**	Related family households in the ACS	Number of ACS households where at least 2 members are related by birth, marriage, or adoption; same-sex couple households with no relatives of the householder present are not included	Households	ACS	Tot ACS occupied HUs
95	**Rel_Family_HHD_ACSMOE_08_12**	MOE - Related family HHDs	Margin of Error of Related family households	Households	ACS	
96	**MrdCple_Fmly_HHD_CEN_2010**	Married-couple family in the 2010 Census	Number of 2010 Census households in which the householder and his or her spouse are listed as members of the same household; does not include same-sex married couples	Households	2010 Census	Tot 2010 Census occupied HUs
97	**MrdCple_Fmly_HHD_ACS_08_12**	Married-couple family in the ACS	Number of ACS households in which the householder and his or her spouse are listed as members of the same household; does not include same-sex married couples	Households	ACS	Tot ACS occupied HUs
98	**MrdCple_Fmly_HHD_ACSMOE_08_12**	MOE - Married-couple family	Margin of Error of Married-Couple Family	Households	ACS	
99	**Not_MrdCple_HHD_CEN_2010**	Households with no married couple present in the 2010 Census	Number of 2010 Census households with no spousal relationship present	Households	2010 Census	Tot 2010 Census occupied HUs

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
100	**Not_MrdCple_HHD_ACS_08_12**	Households with no married couple present in the ACS	Number of ACS households with no spousal relationship present	Households	ACS	Tot ACS occupied HUs
101	**Not_MrdCple_HHD_ACSMOE_08_12**	MOE - Households with no married couple present (Derived)	Margin of Error of Number of ACS households with no spousal relationship present	Households	ACS	
102	**Female_No_HB_CEN_2010**	Female householder, no husband present in the 2010 Census	Number of 2010 Census households with a female householder and no husband of householder present	Households	2010 Census	Tot 2010 Census occupied HUs
103	**Female_No_HB_ACS_08_12**	Female householder, No Husband present in the ACS	Number of ACS households with a female householder and no husband of householder present	Households	ACS	Tot ACS occupied HUs
104	**Female_No_HB_ACSMOE_08_12**	MOE - Female householder, No Husband present	Margin of Error of Female householder, no husband present	Households	ACS	
105	**NonFamily_HHD_CEN_2010**	Nonfamily households: Unrelated Household in the 2010 Census	Number of 2010 Census households where a householder lives alone or with nonrelatives only; includes same-sex couples where no relatives of the householder are present	Households	2010 Census	Tot 2010 Census occupied HUs
106	**NonFamily_HHD_ACS_08_12**	Nonfamily households: Unrelated Household in the ACS	Number of ACS households where a householder lives alone or with nonrelatives only; includes same-sex couples where no relatives of the householder are present	Households	ACS	Tot ACS occupied HUs
107	**NonFamily_HHD_ACSMOE_08_12**	MOE - Nonfamily Households: Unrelated HHDs	Margin of Error of Nonfamily household: Unrelated households	Households	ACS	
108	**Sngl_Prns_HHD_CEN_2010**	Single person householder living alone in the 2010 Census	Number of 2010 Census households where a householder lives alone	Households	2010 Census	Tot 2010 Census occupied HUs
109	**Sngl_Prns_HHD_ACS_08_12**	Single person householder living alone in the ACS	Number of ACS households where a householder lives alone	Households	ACS	Tot ACS occupied HUs

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
110	**Sngl_Prns_HHD_ACSMOE_08_12**	MOE - Single person householder living alone	Margin of Error of Single person householder living alone	Households	ACS	
111	**HHD_PPL_Und_18_CEN_2010**	Households with one or more people under 18 years in the 2010 Census	Number of 2010 Census households where one or more people are ages 18 years or under	Households	2010 Census	Tot 2010 Census occupied HUs
112	**HHD_PPL_Und_18_ACS_08_12**	Households with one or more people under 18 years in the ACS	Number of ACS households where one or more people are ages 18 years or under	Households	ACS	Tot ACS occupied HUs
113	**HHD_PPL_Und_18_ACSMOE_08_12**	MOE - Households with one or more people under 18 years	Margin of Error of Households with one or more people under 18 years	Households	ACS	
114	**Tot_Prns_in_HHD_CEN_2010**	Total Persons in HHDs in the 2010 Census	All persons (household population) in 2010 Census occupied housing unit. This is the numerator to calculate the average household size.	Persons	2010 Census	Tot 2010 Census occupied HUs
115	**Tot_Prns_in_HHD_ACS_08_12**	Total Persons in HHDs in the ACS	All persons (household population) in ACS occupied housing unit. This is the numerator to calculate the average household size.	Persons	ACS	Tot ACS occupied HUs
116	**Tot_Prns_in_HHD_ACSMOE_08_12**	MOE - Total Persons in HHDs	Margin of Error of Total Persons in households	Persons	ACS	
117	**Rel_Child_Under_6_CEN_2010**	Number of families with related children under 6 in the 2010 Census	Number of 2010 Census families with related children under 6 years old	Families	2010 Census	2010 Census Related Family Households
118	**Rel_Child_Under_6_ACS_08_12**	Number of families with related children under 6 in the ACS	Number of ACS families with related children under 6 years old	Families	ACS	ACS Related Family Households
119	**Rel_Child_Under_6_ACSMOE_08_12**	MOE - Number of families with related children under 6 (Derived)	Margin of Error of Number of families with related children under 6 years old	Families	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
120	**HHD_Moved_in_ACS_08_12**	Number of households, householder moved in 2010 or later in the ACS	Number of ACS households where the householder moved into the current unit in the year 2010 or later	Households	ACS	Tot ACS occupied HUs
121	**HHD_Moved_in_ACSMOE_08_12**	MOE - Number of households, householder moved in 2010 or later (Derived)	Margin of Error of Number of households where the householder moved into the current unit in the year 2010 or later	Households	ACS	
122	**PUB_ASST_INC_ACS_08_12**	With Public Assistance Income in the ACS	Number of ACS households that receive public assistance income (general assistance and Temporary Assistance to Needy Families)	Households	ACS	Tot ACS occupied HUs
123	**PUB_ASST_INC_ACSMOE_08_12**	MOE - With Public Assistance Income	Margin of Error of With Public Assistance Income	Households	ACS	
124	**Med_HHD_Inc_BG_ACS_08_12**	Med HHD Income for the Block group in the ACS	Median ACS household income for designated block group	Households	ACS	
125	**Med_HHD_Inc_BG_ACSMOE_08_12**	MOE - Med HHD Income for the Block group	Margin of Error of Med household income for block group	Households	ACS	
126	**Med_HHD_Inc_TR_ACS_08_12**	Med Household Income - Tract level in the ACS	Median ACS household income for designated tract	Households	ACS	
127	**Med_HHD_Inc_TR_ACSMOE_08_12**	MOE - Med household income - Tract level	Margin of Error for Med household income at tract level	Households	ACS	
128	**Aggregate_HH_INC_ACS_08_12**	Aggregate HH Income in the ACS	Sum of all incomes in the household	Block group	ACS	Tot ACS occupied HUs
129	**Aggregate_HH_INC_ACSMOE_08_12**	MOE - Aggregate HH Income	Margin of Error for Aggregate household income	Block group	ACS	
		HOUSING UNIT VARIABLES				

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
130	**Tot_Housing_Units_CEN_2010**	Total Housing Units in the 2010 Census	Number of 2010 Census living quarters in which the occupant(s) live separately from any other individuals in the building and have direct access	Housing Units	2010 Census	
131	**Tot_Housing_Units_ACS_08_12**	Total Housing Units in the ACS	Number of ACS living quarters in which the occupant(s) live separately from any other individuals in the building and have direct access. This number includes housing units of all kinds, which encompasses housing units in single-unit structures, housing units in multi-unit structures, mobile homes, and other types of housing units.	Housing Units	ACS	
132	**Tot_Housing_Units_ACSMOE_08_12**	MOE - Total Housing Units	Margin of Error for Total Housing Units	Housing Units		
133	**Tot_Occp_Units_CEN_2010**	Total Occupied Housing Units in the 2010 Census	Number of 2010 Census housing units classified as usual place of residence of the individual or group living in it	Housing Units	2010 Census	2010 Census Tot HUs; used as the denominator for many 2010 Census HHD variables
134	**Tot_Occp_Units_ACS_08_12**	Total Occupied Housing Units in the ACS	Number of ACS housing units classified as usual place of residence of the individual or group living in it	Housing Units	ACS	ACS Tot HUs; used as the denominator for many ACS HHD variables
135	**Tot_Occp_Units_ACSMOE_08_12**	MOE - Total Occupied Housing Units	Margin of Error for Total Occupied Housing Units	Housing Units	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
136	**Tot_Vacant_Units_CEN_2010**	Total vacant Housing Units in the 2010 Census	Number of 2010 Census housing units with no regular occupants on Census Day; housing units with its usual occupants temporarily away (such as on vacation, a business trip, or in the hospital) are not considered vacant, but housing units temporarily occupied on Census Day by people who have a usual residence elsewhere are considered vacant	Housing Units	2010 Census	2010 Census Tot HUs
137	**Tot_Vacant_Units_ACS_08_12**	Total vacant Housing Units in the ACS	Number of ACS housing units where no one is living regularly at the time of interview; units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are classified as vacant	Housing Units	ACS	ACS Tot HUs
138	**Tot_Vacant_Units_ACSMOE_08_12**	MOE - Total vacant Housing Units	Margin of Error for Total vacant housing units	Housing Units	ACS	
139	**Renter_Occp_HU_CEN_2010**	Number of renter occupied units in the 2010 Census	Number of 2010 Census occupied housing units that are not owner occupied, whether they are rented or occupied without payment of rent	Housing Units	2010 Census	Tot 2010 Census occupied HUs
140	**Renter_Occp_HU_ACS_08_12**	Number of renter occupied units in the ACS	Number of ACS occupied housing units that are not owner occupied, whether they are rented or occupied without payment of rent	Housing Units	ACS	Tot ACS occupied HUs

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
141	**Renter_Occp_HU_ACSMOE_08_12**	MOE - Number of renter occupied units	Margin of Error for Number of renter occupied units	Housing Units	ACS	
142	**Owner_Occp_HU_CEN_2010**	Number of owner occupied units in the 2010 Census	Number of 2010 Census housing units where owner or co-owner lives in it	Housing Units	2010 Census	Tot 2010 Census occupied HUs
143	**Owner_Occp_HU_ACS_08_12**	Number of owner occupied units in the ACS	Number of ACS housing units where owner or co-owner lives in it	Housing Units	ACS	Tot ACS occupied HUs
144	**Owner_Occp_HU_ACSMOE_08_12**	MOE - Number of owner occupied units	Margin of Error for Number of owner occupied units	Housing Units	ACS	
145	**Single_Unit_ACS_08_12**	Number of units in structures containing only 1 housing unit in the ACS	Number of ACS housing units in which the structure contains only that single unit	Housing Units	ACS	ACS Tot HUs
146	**Single_Unit_ACSMOE_08_12**	MOE - Number of units in structures containing only 1 housing unit (Derived)	Margin of Error for Number of units in structures containing only 1 housing unit	Housing Units	ACS	
147	**MLT_U2_9_STRC_ACS_08_12**	Number of units in structures containing two to nine housing units in the ACS	Number of ACS housing units in which the structure contains two to nine housing units	Housing Units	ACS	ACS Tot HUs
148	**MLT_U2_9_STRC_ACSMOE_08_12**	MOE - Number of units in structures containing two to nine housing units (Derived)	Margin of Error for Number of units in structures containing two to nine housing units	Housing Units	ACS	
149	**MLT_U10p_ACS_08_12**	Number of units in structures containing 10 or more housing units in the ACS	Number of ACS housing units in which the structure contains 10 or more housing units	Housing Units	ACS	ACS Tot HUs
150	**MLT_U10p_ACSMOE_08_12**	MOE - Number of units in structures containing 10 or more housing units (Derived)	Margin of Error for Number of units in structures containing 10 or more housing units	Housing Units	ACS	
151	**Mobile_Homes_ACS_08_12**	Mobile Homes in the ACS	Number of ACS housing units that are considered mobile homes	Housing Units	ACS	ACS Tot HUs
152	**Mobile_Homes_ACSMOE_08_12**	MOE - Mobile Homes	Margin of Error for Mobile Homes	Housing Units	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
153	**Crowd_Occp_U_ACS_08_12**	Occupied Units with more than 1.01 + persons per room in the ACS	Number of ACS occupied housing units with more than 1.01 persons per room	Housing Units	ACS	Tot ACS occupied HUs
154	**Crowd_Occp_U_ACSMOE_08_12**	MOE - Occupied Units with more than 1.01 + persons per room (Derived)	Margin of Error for Occupied units with more than 1.01 persons per room	Housing Units	ACS	
155	**Occp_U_NO_PH_SRVC_ACS_08_12**	Number of units without telephone in the ACS	Number of ACS housing units without a working telephone and available service	Housing Units	ACS	Tot ACS occupied HUs
156	**Occp_U_NO_PH_SRVC_ACSMOE_08_12**	MOE - Number of units without telephone (Derived)	Margin of Error for Number of units without a telephone	Housing Units	ACS	
157	**No_Plumb_ACS_08_12**	Lacking complete plumbing facilities in the ACS	Number of ACS housing units lacking complete plumbing facilities	Housing Units	ACS	ACS Tot HUs
158	**No_Plumb_ACSMOE_08_12**	MOE - Lacking complete plumbing facilities	Margin of Error for housing units lacking complete plumbing facilities	Housing Units	ACS	
159	**Recent_Built_HU_ACS_08_12**	Built in 2010 or later in the ACS	Number of both occupied and vacant ACS housing units whose building was constructed in 2010 or later	Housing Units	ACS	ACS Tot HUs
160	**Recent_Built_HU_ACSMOE_08_12**	MOE - HUs built in 2010 or later	Margin of Error for HUs built 2010 or later	Housing Units	ACS	
161	**Med_House_Value_BG_ACS_08_12**	Median House value for the block group in the ACS	Median of ACS respondents' house value estimates per block group	Housing Units	ACS	
162	**Med_House_Value_BG_ACSMOE_08_12**	MOE - Median House value for the block group	Margin of Error for Med House value for the block group	Housing Units	ACS	
163	**Med_house_value_tr_ACS_08_12**	Med House Value - Tract level in the ACS	Median of ACS respondents' house value estimates per tract	Housing Units	ACS	
164	**Med_house_value_tr_ACSMOE_08_12**	MOE - Med House Value - Tract level	Margin of Error for Med house value at tract level	Housing Units	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
165	**Aggr_House_Value_ACS_08_12**	Aggregate value (dollars) in the ACS	Sum of all value estimates for owner-occupied ACS housing units in an area	Block group	ACS	Total ACS OCC HU
166	**Aggr_House_Value_ACSMOE_08_12**	MOE - Aggregate value (dollars)	Margin of Error for Aggregate value in dollars	Block group	ACS	
		OPERATIONAL VARIABLES	Variables 167-179 are variables used to carry out a 2010 Census operation or are a result of a 2010 Census operation. Some variables existed at the start of the Census (e.g. var 167) while others are the result of activities occurring within the operation, e.g. var 171-179.			

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
167	**MailBack_Area_Count_CEN_2010**	Number of addresses in mailback areas in the 2010 Census	Total number of addresses at the start of 2010 Census operations where a Census form was expected to be delivered for mail return to Census. These include addresses in Mailout/Mailback areas (street address available for postal delivery) and addresses in Update/Leave enumeration areas (areas without mailboxes for individual address units). Note: Some of the addresses included in this variable's count were removed from the 2010 Census Universe as a result of actions in subsequent Census operations. For example, an address may have been deleted because it was determined to not correspond to a valid housing unit, or an address may have been added through the Be Counted program. Therefore, this variable represents the universe of addresses at the start of the 2010 Census, and may not be equal to the number of housing units in the final census count.	Addresses	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
168	**TEA_Mail_Out_Mail_Back_CEN_2010**	Number of addresses where type of enumeration area was mailout/mailback in the 2010 Census	Number of addresses in a Mailout/Mailback type of enumeration area in the 2010 Census. These are addresses that received a census form in the mail and occupants were instructed to complete and mail it back.	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
169	**TEA_Update_Leave_CEN_2010**	Number of addresses where type of enumeration area was update leave in the 2010 Census	Number of addresses in an Update/Leave type of enumeration area in the 2010 Census. These are addresses where a census form was hand-delivered and occupants were instructed to complete and mail it back.	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
170	**Census_Mail_Returns_CEN_2010**	Number of returned forms received from 2010 Census by Mail addresses (Return forms)	Number of completed 2010 Census mail forms received from addresses in a mailback type of enumeration area (Mailout/Mailback and Update/Leave areas)	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
171	**Vacants_CEN_2010**	Number of 2010 Census mail forms where unit confirmed vacant	Number of addresses in a 2010 Census mailback area that were confirmed as vacant housing units (Mailout/Mailback and Update/Leave areas). The number of vacant addresses as defined by this variable may not be equal to the number of vacant housing units in the final census count.	Addresses	2010 Census	MailBack_Area_Count_CEN_2010

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
172	**Deletes_CEN_2010**	Number of 2010 Census mail forms deleted from base count for other reasons	Number of addresses in a 2010 Census mailback area deleted because it was determined to not correspond to a valid housing unit (Mailout/Mailback and Update/Leave areas)	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
173	**Census_UAA_CEN_2010**	Number of 2010 Census mail forms as undeliverable as addressed - UAA	Number of addresses in a 2010 Census Mailout/Mailback area where the initial mail form was returned to the Census with the postal code "Undeliverable as Addressed"	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
174	**Valid_Mailback_Count_CEN_2010**	Number of valid, occupied addresses in mailback areas in the 2010 Census	Total number of addresses at the start of 2010 Census operations where a Census form was expected to be delivered for mail return to Census minus the number of vacant addresses, the number of deleted addresses, and the number of addresses where the initial mail form was returned to the Census with the postal code “Undeliverable as Addressed.” The number of addresses in this variable (valid occupied addresses) may not be equal to the number of occupied housing units in the final census count. Denominator for the mail return rate.	Addresses	2010 Census	MailBack_Area_Count_CEN_2010

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
175	**FRST_FRMS_CEN_2010**	Number of HUs that returned initial form in 2010 Census	Number of addresses in a 2010 Census Mailout/Mailback area where the first form mailed was completed and returned	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
176	**RPLCMNT_FRMS_CEN_2010**	Number of HUs that returned replacement form in 2010 Census	Number of addresses in a 2010 Census Mailout/Mailback area where the replacement form was completed and returned	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
177	**BILQ_Mailout_count_CEN_2010**	Bilingual Questionnaire Mailout Count in 2010 Census	Number of addresses that received the 2010 Census English/Spanish bilingual Mailout/Mailback form	Addresses	2010 Census	MailBack_Area_Count_CEN_2010
178	**BILQ_Frms_CEN_2010**	Number of HUs that returned English-Spanish bilingual forms in 2010 Census	Number of addresses that completed and returned the 2010 Census English/Spanish bilingual Mailout/Mailback form	Addresses	2010 Census	
179	**Mail_Return_Rate_CEN_2010**	2010 Census Mail Return Rate	The number of mail returns received out of the total number of valid occupied housing units (HUs) in the Mailout/Mailback universe which excludes deleted, vacant, or UAA units. Therefore, variable 174 can be less than variable 167 because of these exclusions. A small number of Block Groups contain only HUs that do not meet the requirement to be considered a valid, occupied HU. This variable will have a missing value for these 1,606 Block Groups.	Addresses		

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
180	**Low_Response_Score**	Prediction of low census mail return rate	A score predicting that a block group will produce a low mail return rate. This score is negatively associated with Mail_Return_Rate_CEN_2010.	Addresses		
		CALCULATED PERCENTAGES				
181	**pct_URBANIZED_AREA_POP_CEN_2010**	Percentage calculated by dividing URBANIZED_AREA_POP_CEN_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that lives in a densely settled area containing 50,000 or more people	Persons	2010 Census	
182	**pct_URBAN_CLUSTER_POP_CEN_2010**	Percentage calculated by dividing URBAN_CLUSTER_POP_CEN_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that lives in a densely settled area containing 2,500 to 49,999 people	Persons	2010 Census	
183	**pct_RURAL_POP_CEN_2010**	Percentage calculated by dividing RURAL_POP_CEN_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that lives outside of an Urbanized Area or Urban Cluster	Persons	2010 Census	
184	**pct_Males_CEN_2010**	Percentage calculated by dividing Males_CEN_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is male	Persons	2010 Census	
185	**pct_Males_ACS_08_12**	Percentage calculated by dividing Males_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is male	Persons	ACS	
186	**pct_Males_ACSMOE_08_12**	MOE - Percentage calculated by dividing Males_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is male	Persons	ACS	
187	**pct_Females_CEN_2010**	Percentage calculated by dividing Females_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is female	Persons	2010 Census	
188	**pct_Females_ACS_08_12**	Percentage calculated by dividing Females_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is female	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
189	**pct_Females_ACSMOE_08_12**	MOE - Percentage calculated by dividing Females_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is female	Persons	ACS	
190	**pct_Pop_Under_5_CEN_2010**	Percentage calculated by dividing Pop_under_5_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is under five years old	Persons	2010 Census	
191	**pct_Pop_Under_5_ACS_08_12**	Percentage calculated by dividing Pop_under_5_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is under five years old	Persons	ACS	
192	**pct_Pop_Under_5_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_under_5_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is under five years old	Persons	ACS	
193	**pct_Pop_5_17_CEN_2010**	Percentage calculated by dividing Pop_5_17_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is between 5 and 17 years old	Persons	2010 Census	
194	**pct_Pop_5_17_ACS_08_12**	Percentage calculated by dividing Pop_5_17_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is between 5 and 17 years old	Persons	ACS	
195	**pct_Pop_5_17_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_5_17_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is between 5 and 17 years old	Persons	ACS	
196	**pct_Pop_18_24_CEN_2010**	Percentage calculated by dividing Pop_18_24_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is between 18 and 24 years old	Persons	2010 Census	
197	**pct_Pop_18_24_ACS_08_12**	Percentage calculated by dividing Pop_18_24_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is between 18 and 24 years old	Persons	ACS	
198	**pct_Pop_18_24_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_18_24_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is between 18 and 24 years old	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
199	**pct_Pop_25_44_CEN_2010**	Percentage calculated by dividing Pop_25_44_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is between 25 and 44 years old	Persons	2010 Census	
200	**pct_Pop_25_44_ACS_08_12**	Percentage calculated by dividing Pop_25_44_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is between 25 and 44 years old	Persons	ACS	
201	**pct_Pop_25_44_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_25_44_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is between 25 and 44 years old	Persons	ACS	
202	**pct_Pop_45_64_CEN_2010**	Percentage calculated by dividing Pop_45_64_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is between 45 and 64 years old	Persons	2010 Census	
203	**pct_Pop_45_64_ACS_08_12**	Percentage calculated by dividing Pop_45_64_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is between 45 and 64 years old	Persons	ACS	
204	**pct_Pop_45_64_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_45_64_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is between 45 and 64 years old	Persons	ACS	
205	**pct_Pop_65plus_CEN_2010**	Percentage calculated by dividing Pop_65plus_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that is 65 years old or over	Persons	2010 Census	
206	**pct_Pop_65plus_ACS_08_12**	Percentage calculated by dividing Pop_65plus_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that is 65 years old or over	Persons	ACS	
207	**pct_Pop_65plus_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_65plus_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that is 65 years old or over	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
208	**pct_Tot_GQ_CEN_2010**	Percentage calculated by dividing Tot_GQ_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census population living or staying in a group living arrangement owned by an entity providing housing to residents, who are usually unrelated, as of April 1, 2010	Persons	2010 Census	
209	**pct_Inst_GQ_CEN_2010**	Percentage calculated by dividing Inst_GQ_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census population who live in group quarters and are primarily ineligible, unable, or unlikely to participate in labor force while residents. Institutional group quarters include correctional facilities for adults, juvenile facilities, nursing facilities, and other institutional facilities.	Persons	2010 Census	
210	**pct_Non_Inst_GQ_CEN_2010**	Percentage calculated by dividing Non_Inst_GQ_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census population who live in group quarters and are primarily eligible, able, or likely to participate in labor force while residents. Noninstitutional group quarters include college/university student housing, military quarters, and other noninstitutional facilities.	Persons	2010 Census	
211	**pct_Hispanic_CEN_2010**	Percentage calculated by dividing Hispanic_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that identify as "Mexican", "Puerto Rican", "Cuban", or "another Hispanic, Latino, or Spanish origin"	Persons	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
212	**pct_Hispanic_ACS_08_12**	Percentage calculated by dividing Hispanic_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that identify as "Mexican", "Puerto Rican", "Cuban", or "another Hispanic, Latino, or Spanish origin"	Persons	ACS	
213	**pct_Hispanic_ACSMOE_08_12**	MOE - Percentage calculated by dividing Hispanic_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that identify as "Mexican", "Puerto Rican", "Cuban", or "another Hispanic, Latino, or Spanish origin"	Persons	ACS	
214	**pct_NH_White_alone_CEN_2010**	Percentage calculated by dividing NH_White_alone_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that indicate no Hispanic origin and their only race as "White" or report entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian	Persons	2010 Census	
215	**pct_NH_White_alone_ACS_08_12**	Percentage calculated by dividing NH_White_alone_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that indicate no Hispanic origin and their only race as "White" or report entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian	Persons	ACS	
216	**pct_NH_White_alone_ACSMOE_08_12**	MOE - Percentage calculated by dividing NH_White_alone_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that indicate no Hispanic origin and their only race as "White" or report entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
217	**pct_NH_Blk_alone_CEN_2010**	Percentage calculated by dividing NH_Blk_alone_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that indicate no Hispanic origin and their only race as "Black, African Am., or Negro" or report entries such as African American, Kenyan, Nigerian, or Haitian	Persons	2010 Census	
218	**pct_NH_Blk_alone_ACS_08_12**	Percentage calculated by dividing NH_Blk_alone_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that indicate no Hispanic origin and their only race as "Black, African Am., or Negro" or report entries such as African American, Kenyan, Nigerian, or Haitian	Persons	ACS	
219	**pct_NH_Blk_alone_ACSMOE_08_12**	MOE - Percentage calculated by dividing NH_Blk_alone_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that indicate no Hispanic origin and their only race as "Black, African Am., or Negro" or report entries such as African American, Kenyan, Nigerian, or Haitian	Persons	ACS	
220	**pct_NH_AIAN_alone_CEN_2010**	Percentage calculated by dividing NH_AIAN_alone_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that indicate no Hispanic origin and their only race as "American Indian or Alaska Native" or report entries such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central/South American Indian groups	Persons	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
221	**pct_NH_AIAN_alone_ACS_08_12**	Percentage calculated by dividing NH_AIAN_alone_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that indicate no Hispanic origin and their only race as "American Indian or Alaska Native" or report entries such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central/South American Indian groups	Persons	ACS	
222	**pct_NH_AIAN_alone_ACSMOE_08_12**	MOE - Percentage calculated by dividing NH_AIAN_alone_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that indicate no Hispanic origin and their only race as "American Indian or Alaska Native" or report entries such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central/South American Indian groups	Persons	ACS	
223	**pct_NH_Asian_alone_CEN_2010**	Percentage calculated by dividing NH_Asian_alone_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that indicate no Hispanic origin and their only race as "Asian Indian", "Chinese", "Filipino", "Korean", "Japanese", "Vietnamese", or "Other Asian"	Persons	2010 Census	
224	**pct_NH_Asian_alone_ACS_08_12**	Percentage calculated by dividing NH_Asian_alone_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that indicate no Hispanic origin and their only race as "Asian Indian", "Chinese", "Filipino", "Korean", "Japanese", "Vietnamese", or "Other Asian"	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
225	**pct_NH_Asian_alone_ACSMOE_08_12**	MOE - Percentage calculated by dividing NH_Asian_alone_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that indicate no Hispanic origin and their only race as "Asian Indian", "Chinese", "Filipino", "Korean", "Japanese", "Vietnamese", or "Other Asian"	Persons	ACS	
226	**pct_NH_NHOPI_alone_CEN_2010**	Percentage calculated by dividing NH_NHOPI_alone_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that indicate no Hispanic origin and their only race as "Native Hawaiian", "Guamanian or Chamorro", "Samoan", or "Other Pacific Islander"	Persons	2010 Census	
227	**pct_NH_NHOPI_alone_ACS_08_12**	Percentage calculated by dividing NH_NHOPI_alone_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that indicate no Hispanic origin and their only race as "Native Hawaiian", "Guamanian or Chamorro", "Samoan", or "Other Pacific Islander"	Persons	ACS	
228	**pct_NH_NHOPI_alone_ACSMOE_08_12**	MOE - Percentage calculated by dividing NH_NHOPI_alone_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that indicate no Hispanic origin and their only race as "Native Hawaiian", "Guamanian or Chamorro", "Samoan", or "Other Pacific Islander"	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
229	**pct_NH_SOR_alone_CEN_2010**	Percentage calculated by dividing NH_SOR_alone_Cen_2010 by Tot_Population_CEN_2010	The percentage of the 2010 Census total population that indicate no Hispanic origin and their race as other than "White", "Hispanic", "Black or African American", "American Indian or Alaska Native", "Asian", and "Native Hawaiian or Other Pacific Islander"	Persons	2010 Census	
230	**pct_NH_SOR_alone_ACS_08_12**	Percentage calculated by dividing NH_SOR_alone_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that indicate no Hispanic origin and their race as other than "White", "Hispanic", "Black or African American", "American Indian or Alaska Native", "Asian", and "Native Hawaiian or Other Pacific Islander"	Persons	ACS	
231	**pct_NH_SOR_alone_ACSMOE_08_12**	MOE - Percentage calculated by dividing NH_SOR_alone_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population that indicate no Hispanic origin and their race as other than "White", "Hispanic", "Black or African American", "American Indian or Alaska Native", "Asian", and "Native Hawaiian or Other Pacific Islander"	Persons	ACS	
232	**pct_Pop_5yrs_Over_ACS_08_12**	Percentage calculated by dividing Pop_5yrs_Over_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population who are ages 5 years and over at time of interview	Persons	ACS	
233	**pct_Pop_5yrs_Over_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_5yrs_Over_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population who are ages 5 years and over at time of interview	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
234	**pct_Othr_Lang_ACS_08_12**	Percentage calculated by dividing Othr_Lang_ACS_08_12 by Pop_5yrs_Over_ACS_08_12	The percentage of the ACS population aged 5 years and over that speaks a language other than English at home	Persons	ACS	
235	**pct_Othr_Lang_ACSMOE_08_12**	MOE - Percentage calculated by dividing Othr_Lang_ACS_08_12 by Pop_5yrs_Over_ACS_08_12	Margin of error of the percentage of the ACS population aged 5 years and over that speaks a language other than English at home	Persons	ACS	
236	**pct_Pop_25yrs_Over_ACS_08_12**	Percentage calculated by dividing Pop_25yrs_Over_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population who are ages 25 years and over at time of interview	Persons	ACS	
237	**pct_Pop_25yrs_Over_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_25yrs_Over_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population who are ages 25 years and over at time of interview	Persons	ACS	
238	**pct_Not_HS_Grad_ACS_08_12**	Percentage calculated by dividing Not_HS_Grad_ACS_08_12 by Pop_25yrs_Over_ACS_08_12	The percentage of the ACS population aged 25 years and over that are not high school graduates and have not received a diploma or the equivalent	Persons	ACS	
239	**pct_Not_HS_Grad_ACSMOE_08_12**	MOE - Percentage calculated by dividing Not_HS_Grad_ACS_08_12 by Pop_25yrs_Over_ACS_08_12	Margin of error of the percentage of the ACS population aged 25 years and over that are not high school graduates	Persons	ACS	
240	**pct_College_ACS_08_12**	Percentage calculated by dividing College_ACS_08_12 by Pop_25yrs_Over_ACS_08_12	The percentage of the ACS population aged 25 years and over that have a college degree or higher	Persons	ACS	
241	**pct_College_ACSMOE_08_12**	MOE - Percentage calculated by dividing College_ACS_08_12 by Pop_25yrs_Over_ACS_08_12	Margin of error of the percentage of the ACS population aged 25 years and over that have a college degree or higher	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
242	**pct_Prs_Blw_Pov_Lev_ACS_08_12**	Percentage calculated by dividing Prs_Blw_Pov_Lev_ACS_08_12 by Pov_Univ_ACS_08_12	The percentage of the ACS eligible population that are classified as below the poverty level given their total family or household income within the last year, family size, and family composition	Persons	ACS	
243	**pct_Prs_Blw_Pov_Lev_ACSMOE_08_12**	MOE - Percentage calculated by dividing Prs_Blw_Pov_Lev_ACS_08_12 by Pov_Univ_ACS_08_12	Margin of Error of the percentage of the ACS eligible population that are classified as below the poverty level	Persons	ACS	
244	**pct_Pov_Univ_ACS_08_12**	Percentage calculated by dividing Pov_Univ_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population that are not institutionalized people, people in military group quarters, people in college dormitories, and unrelated individuals under 15 years old	Persons	ACS	
245	**pct_Pov_Univ_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pov_Univ_ACS_08_12 by Tot_Population_ACS_08_12	Margin of Error for the percentage of the ACS population that are not institutionalized people, people in military group quarters, people in college dormitories, and unrelated individuals under 15 years old	Persons	ACS	
246	**pct_Pop_1yr_Over_ACS_08_12**	Percentage calculated by dividing Pop_1yr_Over_ACS_08_12 by Tot_Population_ACS_08_12	The percentage of the ACS population who are ages 1 year and over at time of interview	Persons	ACS	
247	**pct_Pop_1yr_Over_ACSMOE_08_12**	MOE - Percentage calculated by dividing Pop_1yr_Over_ACS_08_12 by Tot_Population_ACS_08_12	Margin of error of the percentage of the ACS population who are ages 1 year and over at time of interview	Persons	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
248	**pct_Diff_HU_1yr_Ago_ACS_08_12**	Percentage calculated by dividing Diff_HU_1yr_Ago_ACS_08_12 by Pop_1yr_Over_ACS_08_12	The percentage of the ACS population aged 1 year and over that moved from another residence in the U.S. or Puerto Rico within the last year	Persons	ACS	
249	**pct_Diff_HU_1yr_Ago_ACSMOE_08_12**	MOE - Percentage calculated by dividing Diff_HU_1yr_Ago_ACS_08_12 by Pop_1yr_Over_ACS_08_12	Margin of Error of the percentage of the ACS population aged 1 year and over that moved from another residence in the U.S. or Puerto Rico within the last year	Persons	ACS	
250	**pct_ENG_VW_SPAN_ACS_08_12**	Percentage calculated by dividing ENG_VW_SPAN_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where a Spanish or Spanish Creole language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	
251	**pct_ENG_VW_SPAN_ACSMOE_08_12**	MOE - Percentage calculated by dividing ENG_VW_SPAN_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where a Spanish or Spanish Creole language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
252	**pct_ENG_VW_INDOEURO_ACS_08_12**	Percentage calculated by dividing ENG_VW_INDO_EURO_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where an Indo-European language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	
253	**pct_ENG_VW_INDOEURO_ACSMOE_08_12**	MOE - Percentage calculated by dividing ENG_VW_INDO_EURO_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where an Indo-European language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	
254	**pct_ENG_VW_API_ACS_08_12**	Percentage calculated by dividing ENG_VW_API_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where an Asian and Pacific Island language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	
255	**pct_ENG_VW_API_ACSMOE_08_12**	MOE - Percentage calculated by dividing ENG_VW_API_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where an Asian and Pacific Island language was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
256	**pct_ENG_VW_OTHER_ACS_08_12**	Percentage calculated by dividing ENG_VW_OTHER_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where a language other than English, Spanish, Indo-Euro, or API was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	
257	**pct_ENG_VW_OTHER_ACSMOE_08_12**	MOE - Percentage calculated by dividing ENG_VW_OTHER_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where a language other than English, Spanish, Indo-Euro, or API was assigned as the household language and no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	
258	**pct_ENG_VW_ACS_08_12**	Percentage calculated by dividing ENG_VW_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	
259	**pct_ENG_VW_ACSMOE_08_12**	MOE - Percentage calculated by dividing ENG_VW_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where no one ages 14 years and over speaks English only or speaks English "very well"	Households	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
260	**pct_Rel_Family_HHDS_CEN_2010**	Percentage calculated by dividing Rel_Family_HHDS_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of all 2010 Census occupied housing units where at least 2 members are related by birth, marriage, or adoption; same-sex couple households with no relatives of the householder present are not included	Households	2010 Census	
261	**pct_Rel_Family_HHD_ACS_08_12**	Percentage calculated by dividing Rel_Family_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where at least 2 members are related by birth, marriage, or adoption; same-sex couple households with no relatives of the householder present are not included	Households	ACS	
262	**pct_Rel_Family_HHD_ACSMOE_08_12**	MOE - Percentage calculated by dividing Rel_Family_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where at least 2 members are related by birth, marriage, or adoption	Households	ACS	
263	**pct_MrdCple_HHD_CEN_2010**	Percentage calculated by dividing MrdCple_Fmly_HHD_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of all 2010 Census occupied housing units where the householder and his or her spouse are listed as members of the same household; does not include same-sex married couples	Households	2010 Census	
264	**pct_MrdCple_HHD_ACS_08_12**	Percentage calculated by dividing MrdCple_Fmly_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where the householder and his or her spouse are listed as members of the same household; does not include same-sex married couples	Households	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
265	**pct_MrdCple_HHD_ACSMOE_08_12**	MOE - Percentage calculated by dividing MrdCple_Fmly_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where the householder and his or her spouse are listed as members of the same household	Households	ACS	
266	**pct_Not_MrdCple_HHD_CEN_2010**	Percentage calculated by dividing Not_MrdCple_HHD_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of all 2010 Census occupied housing units where no spousal relationship is present	Households	2010 Census	
267	**pct_Not_MrdCple_HHD_ACS_08_12**	Percentage calculated by dividing Not_MrdCple_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units with no spousal relationship present	Households	ACS	
268	**pct_Not_MrdCple_HHD_ACSMOE_08_12**	MOE - Percentage calculated by dividing Not_MrdCple_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units with no spousal relationship present	Households	ACS	
269	**pct_Female_No_HB_CEN_2010**	Percentage calculated by dividing Female_No_HB_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of all 2010 Census occupied housing units with a female householder and no husband of householder present	Households	2010 Census	
270	**pct_Female_No_HB_ACS_08_12**	Percentage calculated by dividing Female_No_HB_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units with a female householder and no husband of householder present	Households	ACS	
271	**pct_Female_No_HB_ACSMOE_08_12**	MOE - Percentage calculated by dividing Female_No_HB_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units with a female householder and no husband of householder present	Households	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
272	**pct_NonFamily_HHD_CEN_2010**	Percentage calculated by dividing NonFamily_HHD_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of all 2010 Census occupied housing units where a householder lives alone or with nonrelatives only; includes same-sex couples where no relatives of the householder are present	Households	2010 Census	
273	**pct_NonFamily_HHD_ACS_08_12**	Percentage calculated by dividing NonFamily_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where a householder lives alone or with nonrelatives only; includes same-sex couples where no relatives of the householder are present	Households	ACS	
274	**pct_NonFamily_HHD_ACSMOE_08_12**	MOE - Percentage calculated by dividing NonFamily_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where a householder lives alone or with nonrelatives only	Households	ACS	
275	**pct_Sngl_Prns_HHD_CEN_2010**	Percentage calculated by dividing Sngl_Prns_HHD_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of all 2010 Census occupied housing units where a householder lives alone	Households	2010 Census	
276	**pct_Sngl_Prns_HHD_ACS_08_12**	Percentage calculated by dividing Sngl_Prns_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where a householder lives alone	Households	ACS	
277	**pct_Sngl_Prns_HHD_ACSMOE_08_12**	MOE - Percentage calculated by dividing Sngl_Prns_HHD_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where a householder lives alone	Households	ACS	
278	**pct_HHD_PPL_Und_18_CEN_2010**	Percentage calculated by dividing HHD_PPL_Und_18_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of all 2010 Census occupied housing units where one or more people are ages 18 years or under	Households	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
279	**pct_HHD_PPL_Und_18_ACS_08_12**	Percentage calculated by dividing HHD_PPL_Und_18_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where one or more people are ages 18 years or under	Households	ACS	
280	**pct_HHD_PPL_Und_18_ACSMOE_08_12**	MOE - Percentage calculated by dividing HHD_PPL_Und_18_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where one or more people are ages 18 years or under	Households	ACS	
281	**avg_Tot_Prns_in_HHD_CEN_2010**	Average number of Persons per occupied housing unit in the 2010 Census	The average number of persons per 2010 Census occupied housing unit. This was calculated by dividing the total household population in the 2010 Census by the total number of occupied housing units in the 2010 Census.	Households	2010 Census	
282	**avg_Tot_Prns_in_HHD_ACS_08_12**	Average number of Persons per occupied housing unit in the ACS	The average number of persons per ACS occupied housing unit. This was calculated by dividing the total household population in the ACS by the total number of occupied housing units in the ACS.	Households	ACS	
283	**avg_Tot_Prns_in_HHD_ACSMOE_08_12**	MOE - Average number of Persons per occupied housing unit in the ACS	Margin of error of the average number of persons per ACS occupied housing unit	Households	ACS	
284	**pct_Rel_Under_6_CEN_2010**	Percentage calculated by dividing Rel_Child_Under_6_CEN_2010 by Rel_Family_HHDS_CEN_2010	The percentage of 2010 Census family-occupied housing units with a related child under 6 years old; same-sex couple households with no relatives of the householder present are not included in the denominator	Families	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
285	**pct_Rel_Under_6_ACS_08_12**	Percentage calculated by dividing Rel_Child_Under_6_ACS_08_12 by Rel_Family_HHD_ACS_08_12	The percentage of 2010 ACS family-occupied housing units with a related child under 6 years old; same-sex couple households with no relatives of the householder present are not included in the denominator	Families	ACS	
286	**pct_Rel_Under_6_ACSMOE_08_12**	MOE - Percentage calculated by dividing Rel_Child_Under_6_ACS_08_12 by Rel_Family_HHD_ACS_08_12	Margin of error of the percentage of 2010 ACS family-occupied housing units with a related child under 6 years old	Families	ACS	
287	**pct_HHD_Moved_in_ACS_08_12**	Percentage calculated by dividing HHD_Moved_in_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units where the householder moved into the current unit in the year 2010 or later	Households	ACS	
288	**pct_HHD_Moved_in_ACSMOE_08_12**	MOE - Percentage calculated by dividing HHD_Moved_in_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of the percentage of all ACS occupied housing units where the householder moved into the current unit in the year 2010 or later	Households	ACS	
289	**pct_PUB_ASST_INC_ACS_08_12**	Percentage calculated by dividing PUB_ASST_INC_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of all ACS occupied housing units that receive public assistance income (general assistance and Temporary Assistance to Needy Families)	Households	ACS	
290	**pct_PUB_ASST_INC_ACSMOE_08_12**	MOE - Percentage calculated by dividing PUB_ASST_INC_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error of percentage of all ACS occupied housing units that receive public assistance income	Households	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
291	**avg_Agg_HH_INC_ACS_08_12**	Average aggregate household income in the ACS	The average aggregate household income in the ACS. This is calculated by dividing the aggregate household income by the number of occupied housing units in the ACS	Households	ACS	
292	**avg_Agg_HH_INC_ACSMOE_08_12**	MOE - Average aggregate household income in the ACS	Margin of error for the average aggregate household income in the ACS	Households	ACS	
293	**pct_Tot_Occp_Units_CEN_2010**	Percentage calculated by dividing Tot_Occp_Units_CEN_2010 by Tot_Housing_Units_CEN_2010	The percentage of all 2010 Census housing units that are classified as the usual place of residence of the individual or group living in it	Housing Units	2010 Census	
294	**pct_Tot_Occp_Units_ACS_08_12**	Percentage calculated by dividing Tot_Occp_Units_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units that are classified as the usual place of residence of the individual or group living in it	Housing Units	ACS	
295	**pct_Tot_Occp_Units_ACSMOE_08_12**	MOE - Percentage calculated by dividing Tot_Occp_Units_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for the percentage of all ACS housing units that are classified as the usual place of residence of the individual or group living in it	Housing Units	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
296	**pct_Vacant_Units_CEN_2010**	Percentage calculated by dividing Tot_Vacant_Units_CEN_2010 by Tot_Housing_Units_CEN_2010	The percentage of all 2010 Census housing units that have no regular occupants on Census Day; housing units with its usual occupants temporarily away (such as on vacation, a business trip, or in the hospital) are not considered vacant, but housing units temporarily occupied on Census Day by people who have a usual residence elsewhere are considered vacant	Housing Units	2010 Census	
297	**pct_Vacant_Units_ACS_08_12**	Percentage calculated by dividing Tot_Vacant_Units_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units where no one is living regularly at the time of interview; units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are classified as vacant	Housing Units	ACS	
298	**pct_Vacant_Units_ACSMOE_08_12**	MOE - Percentage calculated by dividing Tot_Vacant_Units_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for the percentage of all ACS housing units where no one is living regularly at the time of interview	Housing Units	ACS	
299	**pct_Renter_Occp_HU_CEN_2010**	Percentage calculated by dividing Renter_Occp_HU_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of 2010 Census occupied housing units that are not owner occupied, whether they are rented or occupied without payment of rent	Housing Units	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
300	**pct_Renter_Occp_HU_ACS_08_12**	Percentage calculated by dividing Renter_Occp_HU_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of ACS occupied housing units that are not owner occupied, whether they are rented or occupied without payment of rent	Housing Units	ACS	
301	**pct_Renter_Occp_HU_ACSMOE_08_12**	MOE - Percentage calculated by dividing Renter_Occp_HU_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error for the percentage of ACS occupied housing units that are not owner occupied	Housing Units	ACS	
302	**pct_Owner_Occp_HU_CEN_2010**	Percentage calculated by dividing Owner_Occp_HU_CEN_2010 by Tot_Occp_Units_CEN_2010	The percentage of 2010 Census occupied housing units with an owner or co-owner living in it	Housing Units	2010 Census	
303	**pct_Owner_Occp_HU_ACS_08_12**	Percentage calculated by dividing Owner_Occp_HU_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of ACS occupied housing units with an owner or co-owner living in it	Housing Units	ACS	
304	**pct_Owner_Occp_HU_ACSMOE_08_12**	MOE - Percentage calculated by dividing Owner_Occp_HU_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error for the ACS occupied housing units with an owner or co-owner living in it	Housing Units	ACS	
305	**pct_Single_Unit_ACS_08_12**	Percentage calculated by dividing Single_Unit_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units that are in a structure that contains only that single unit	Housing Units	ACS	
306	**pct_Single_Unit_ACSMOE_08_12**	MOE - Percentage calculated by dividing Single_Unit_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for the percentage of all ACS housing units that are in a structure that contains only that single unit	Housing Units	ACS	
307	**pct_MLT_U2_9_STRC_ACS_08_12**	Percentage calculated by dividing MLT_U2_9_STRC_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units that are in a structure that contains two to nine housing units	Housing Units	ACS	
308	**pct_MLT_U2_9_STRC_ACSMOE_08_12**	MOE - Percentage calculated by dividing MLT_U2_9_STRC_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for the percentage of all ACS housing units that are in a structure that contains two to nine housing units	Housing Units	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
309	**pct_MLT_U10p_ACS_08_12**	Percentage calculated by dividing MLT_U10p_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units that are in a structure that contains 10 or more housing units	Housing Units	ACS	
310	**pct_MLT_U10p_ACSMOE_08_12**	MOE - Percentage calculated by dividing MLT_U10p_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for the percentage of all ACS housing units that are in a structure that contains 10 or more housing units	Housing Units	ACS	
311	**pct_Mobile_Homes_ACS_08_12**	Percentage calculated by dividing Mobile_Homes_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units that are considered mobile homes	Housing Units	ACS	
312	**pct_Mobile_Homes_ACSMOE_08_12**	MOE - Percentage calculated by dividing Mobile_Homes_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for the percentage of all ACS housing units that are considered mobile homes	Housing Units	ACS	
313	**pct_Crowd_Occp_U_ACS_08_12**	Percentage calculated by dividing Crowd_Occp_U_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of ACS occupied housing units that have more than 1.01 persons per room	Housing Units	ACS	
314	**pct_Crowd_Occp_U_ACSMOE_08_12**	MOE - Percentage calculated by dividing Crowd_Occp_U_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error for the percentage of ACS occupied housing units that have more than 1.01 persons per room	Housing Units	ACS	
315	**pct_NO_PH_SRVC_ACS_08_12**	Percentage calculated by dividing Occp_U_NO_PH_SRVC_ACS_08_12 by Tot_Occp_Units_ACS_08_12	The percentage of ACS occupied housing units that do not have a working telephone and available service	Housing Units	ACS	
316	**pct_NO_PH_SRVC_ACSMOE_08_12**	MOE - Percentage calculated by dividing Occp_U_NO_PH_SRVC_ACS_08_12 by Tot_Occp_Units_ACS_08_12	Margin of error for the percentage of ACS occupied housing units that do not have a working telephone and available service	Housing Units	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
317	**pct_No_Plumb_ACS_08_12**	Percentage calculated by dividing No_Plumb_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units that do not have complete plumbing facilities	Housing Units	ACS	
318	**pct_No_Plumb_ACSMOE_08_12**	MOE - Percentage calculated by dividing No_Plumb_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for the percentage of all ACS housing units that do not have complete plumbing facilities	Housing Units	ACS	
319	**pct_Recent_Built_HU_ACS_08_12**	Percentage calculated by dividing Recent_Built_HU_ACS_08_12 by Tot_Housing_Units_ACS_08_12	The percentage of all ACS housing units that are in a building that was constructed in 2010 or later	Housing Units	ACS	
320	**pct_Recent_Built_HU_ACSMOE_08_12**	MOE - Percentage calculated by dividing Recent_Built_HU_ACS_08_12 by Tot_Housing_Units_ACS_08_12	Margin of error for all ACS housing units that are in a building that was constructed in 2010 or later	Housing Units	ACS	
321	**avg_Agg_House_Value_ACS_08_12**	Average aggregate value (in dollars) in the ACS	The average aggregate value of an owner-occupied ACS housing unit (in dollars). This is calculated by dividing the sum of all value estimates for owner-occupied ACS housing units in an area by the number of owner-occupied ACS housing units.	Housing Units	ACS	
322	**avg_Agg_House_Value_ACSMOE_08_12**	MOE - Average aggregate value (in dollars) in the ACS	Margin of error for the average aggregate value of an owner-occupied ACS housing unit	Housing Units	ACS	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
323	**pct_TEA_MailOutMailBack_CEN_2010**	Percentage calculated by dividing TEA_Mail_Out_Mail_Back_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of addresses from which a Census form was expected to be delivered for mail return that were in a Mailout/Mailback type of enumeration area in the 2010 Census. These are addresses that received a census form in the mail and occupants were instructed to complete and mail it back.	Addresses	2010 Census	
324	**pct_TEA_Update_Leave_CEN_2010**	Percentage calculated by dividing TEA_Update_Leave_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of addresses from which a Census form was expected to be delivered for mail return that were in an Update/Leave type of enumeration area in the 2010 Census. These are addresses where a census form was hand-delivered and occupants were instructed to complete and mail it back.	Addresses	2010 Census	
325	**pct_Census_Mail_Returns_CEN_2010**	Percentage calculated by dividing Census_Mail_Returns_CEN_2010 by MailBack_Area_Count_CEN_2010	The completed 2010 Census mail forms received from addresses in a mailback type of enumeration area (Mailout/Mailback and Update/Leave areas) out of all addresses from which a Census form was expected to be delivered for mail return	Addresses	2010 Census	
326	**pct_Vacant_CEN_2010**	Percentage calculated by dividing Vacants_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of addresses in a 2010 Census mailback area that were confirmed as vacant housing units (Mailout/Mailback and Update/Leave areas)	Addresses	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
327	**pct_Deletes_CEN_2010**	Percentage calculated by dividing Deletes_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of addresses in a 2010 Census mailback area deleted because it was determined to not correspond to a valid housing unit (Mailout/Mailback and Update/Leave areas)	Addresses	2010 Census	
328	**pct_Census_UAA_CEN_2010**	Percentage calculated by dividing Census_UAA_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of addresses in a 2010 Census Mailout/Mailback area where the initial mail form was returned to the Census with the postal code "Undeliverable as Addressed"	Addresses	2010 Census	
329	**pct_Mailback_Count_CEN_2010**	Percentage calculated by dividing Valid_Mailback_Count_CEN_2010 by MailBack_Area_Count_CEN_2010	The total number of addresses at the start of 2010 Census operations where a Census form was expected to be delivered for mail return to Census minus the number of vacant addresses, the number of deleted addresses, and the number of addresses where the initial mail form was returned to the Census with the postal code “Undeliverable as Addressed,” all divided by the number of addresses in a 2010 Census mailback area	Addresses	2010 Census	
330	**pct_FRST_FRMS_CEN_2010**	Percentage calculated by dividing FRST_FRMS_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of all addresses in a 2010 Census mailback area for which the first Mailout/Mailback form mailed was completed and returned	Addresses	2010 Census	

Var. #	Variable Name	Label	Definitions	Unit Level	Source	Denominator note
331	**pct_RPLCMNT_FRMS_CEN_2010**	Percentage calculated by dividing RPLCMNT_FRMS_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of all addresses in a 2010 Census mailback area for which the replacement Mailout/Mailback form mailed was completed and returned	Addresses	2010 Census	
332	**pct_BILQ_Mailout_count_CEN_2010**	Percentage calculated by dividing BILQ_Mailout_count_CEN_2010 by MailBack_Area_Count_CEN_2010	The percentage of all addresses in a 2010 Census mailback area that received the 2010 Census English/Spanish bilingual Mailout/Mailback form	Addresses	2010 Census	

File Structure of the Database

The PDB is available in a .CSV format. The data file contains 220,354 total observations. Users should take caution when saving the entire .CSV file as an Excel workbook because of Excel's row number limit. The first row of the data file contains variable numbers for each column that can be used to match the variable names against the variable numbers used in this document. The value of variables in the PDB may not be shown for block groups containing small populations or few housing units; variables with missing data are denoted by blank values. Data suppression of ACS estimates limits the disclosure of information about individual respondents and reduces the number of estimates with unacceptable levels of statistical reliability. More information about data suppression in ACS data can be found here: http://www.census.gov/acs/www/Downloads/data_documentation/data_suppression/ACSO_Data_Suppression.pdf.

The PDB contains data from three major source files:

1. 2010 Census data – Population and housing
2. 2008 – 2012 5-year ACS sample data – Population, housing, and socioeconomic
3. 2010 Census operational data – Mail returns by type of enumeration area, which can be used to generate the return and response rates. Return rates are included in this file.

The first 180 variables in the 2014 PDB are estimates directly taken or derived from the three sources mentioned above. The remaining variables are estimated percentages calculated by dividing estimates by their given denominator. All percentages were calculated using variables in this file, and the accompanying MOEs were calculated using the method published in Appendix 3 of *A Compass for Understanding and Using American Community Survey Data: What General Data Users Need to Know* (http://www.census.gov/acs/www/Downloads/handbooks/ACSGeneralHandbook.pdf).

Appendix A. Margin of Error Calculations and Nonsampling Error

The 2014 PDB provides ACS small area estimates that are easily accessible by a wide range of users. It is important to note that these small area estimates are *estimates,* with accompanying sampling error. The Margin of Error (MOE) for any estimate needs to be considered when using any single estimate, as it provides the best indicator of the variability across units within the estimate. There are various accepted formulas for calculating MOEs. An advisory group in the development of the Tract PDB decided to use the formula noted in *A Compass for Understanding and Using American Community Survey Data: What General Data Users Need to Know* (http://www.census.gov/acs/www/Downloads/handbooks/ACSGeneralHandbook.pdf) for calculating MOEs from grouped summary data.

A review of the coefficients of variation (which measure the standard deviation of an estimate relative to the mean) reveals those estimates where a large CV suggests a less reliable estimate. Generally, small sample sizes are more prone to large MOEs. The small sample can be the result of a characteristic of low incidence in the population or the result of subpopulations within a population.

As a result, we caution against taking any single estimate with a large MOE as absolute. The key is that unstable estimates should not be used for decisions about individual tracts. We recognize the importance of small area data to aid in planning and operational activities. However, we make these data available for summing to higher levels of geography where the data can be useful, such as Census Designated Places, Local Census Offices, or any collection of tracts that bear on the activity at hand. We ask that the user of the block group data note the limitations of the estimates to those who may be using the data for decision purposes.

The margin of error around an estimate is important because it helps data users draw conclusions about the reliability of the data. Small differences between two estimates may not be statistically significant if the confidence intervals of those estimates overlap. However, the Census Bureau cautions data users not to rely on overlapping confidence intervals as a test for statistical significance, because this method will not always produce accurate results. Instead, the Census Bureau recommends following the detailed instructions for conducting statistical significance tests in Appendix 4 of *A Compass for Understanding and Using American Community Survey Data: What General Data Users Need to Know* (http://www.census.gov/acs/www/Downloads/handbooks/ACSGeneralHandbook.pdf).

In some cases, data users will need to construct custom ACS estimates by combining data across multiple geographic areas or population subgroups, or it may be necessary to derive a new percentage, proportion, or ratio from published ACS data. In such cases, additional calculations are needed to produce confidence intervals and margins of error for the derived estimates. Appendix 3 of *A Compass for Understanding and Using American Community Survey Data: What General Data Users Need to Know* (http://www.census.gov/acs/www/Downloads/handbooks/ACSGeneralHandbook.pdf) provides detailed instructions on how to make these calculations. Please note that published margins of error, when available, should always be used over calculated measures of error.

Note that these error measures do not tell us about the magnitude of nonsampling errors. To learn more about nonsampling error in the 2010 Census, please see Chapter 7 of *2010 Census Summary File 2: Technical Documentation* (www.census.gov/prod/cen2010/doc/sf2.pdf). To learn more about nonsampling error in the 2008 – 2012 ACS, please see the section titled "Control of Nonsampling Error" in *American Community Survey Multiyear Accuracy of the Data (3-year 2010-2012 and 5-year 2008-2012):* (http://www.census.gov/acs/www/Downloads/data_documentation/Accuracy/MultiyearACSAccuracyofData2012.pdf).

Appendix B. Calculating Response Rates

The mail response rate for the 2010 census was calculated in the following way:

$$Mail\ Response\ Rate = \frac{Unduplicated\ Nonblank\ Mail\ Returns}{Mailback\ Universe} \times 100$$

The 2010 mail response rate included housing units who had a valid mail return in the form of a paper mail return, a Be Counted form, or a Telephone Questionnaire Assistance return. While the official 2010 mail response rates cannot be calculated from the Planning Database, users who wish to approximate the response rate can use the following variables from the Planning Database:

- "Unduplicated Nonblank Mail Returns" corresponds to the variable Census_Mail_Returns_CEN_2010 in the PDB. It represents all of the housing units that returned a paper mail form.
- "Mailback Universe" corresponds to the variable Mailback_Area_Count_CEN_2010 in the PDB. It represents all housing units that are in an area that was sent a mail form.

The mail return rate for the 2010 census can be calculated in the following way:

$$Mail\ Return\ Rate = \frac{Unduplicated\ Nonblank\ Mail\ Returns}{Mailback\ Universe - (Vacants + UAAs + Deletes)} \times 100$$

- "Unduplicated Nonblank Mail Returns" corresponds to the variable Census_Mail_Returns_CEN_2010 in the PDB. It represents all of the housing units that returned a mail form.
- "Mailback Universe" corresponds to the variable Mailback_Area_Count_CEN_2010 in the PDB. It represents all housing units that are in an area that was sent a mail form.
- "Vacants" corresponds to the variable Vacants_CEN_2010 in the PDB. It represents all housing units that were sent a mail form but that were later confirmed to be vacant.
- "UAAs" corresponds to the variable Census_UAA_Cen_2010. It represents all mail form that were returned to the Census Bureau because they were identified as undeliverable as addressed.
- "Deletes" corresponds to the variable Deletes_CEN_2010 in the PDB. It represents all housing units that were deleted for reasons other than being vacant or undeliverable as addressed.

Appendix C. Key Estimates of the Planning Database

Fifteen variables were identified as key estimates of the 2014 PDB. To assess the quality of these estimates, the median coefficient of variation and the median item nonresponse rate were calculated. The results are presented in the following table. Of the 15 variables, 9 have a median coefficient of variation below 30.00, and all have a median item missing rate below 30.00.

Variable Number	Estimate Name	Definitions	Median Coefficient of Variation	Median Item Missing Rate
73	College_ACS_08_12	Number of people ages 25 years and over at the time of interview with a college degree or higher in the ACS population	28.87	3.18
77	Prs_Blw_Pov_Lev_ACS_08_12	Number of people classified as below the poverty level given their total family income within the last year, family size, and family composition in the ACS population	49.05	*
97	MrdCple_Fmly_HHD_ACS_08_12	Number of ACS households in which the householder and his or her spouse are listed as members of the same household; does not include same-sex married couples	20.82	*
106	NonFamily_HHD_ACS_08_12	Number of ACS households where a householder lives alone or with nonrelatives only; includes same-sex couples where no relatives of the householder are present	28.80	*
109	Sngl_Prns_HHD_ACS_08_12	Number of ACS households where a householder lives alone	31.83	*
118	Rel_Child_Under_6_ACS_08_12	Number of ACS families with related children under 6 years old	49.10	*
124	Med_HHD_Inc_BG_ACS_08_12	Median ACS household income for the block group	17.29	27.05
126	Med_HHD_Inc_TR_ACS_08_12	Median ACS household income for the tract	9.33	27.20
139	Renter_Occp_HU_CEN_2010	Number of 2010 Census occupied housing units that are not owner occupied, whether they are rented or occupied without payment of rent	31.95	0.00
143	Owner_Occp_HU_ACS_08_12	Number of ACS housing units where owner or co-owner lives in it	15.60	0.00
145	Single_Unit_ACS_08_12	Number of ACS housing units in which the structure contains only that single unit	14.70	0.00
147	MLT_U2_9_STRC_ACS_08_12	Number of ACS housing units in which the structure contains 2 or more housing unts	48.30	0.00
149	MLT_U10p_ACS_08_12	Number of ACS housing units in which the structure contains 10 or more housing unts	46.15	0.00
161	Med_House_Value_BG_ACS_08_12	Median of ACS respondents' house value estimates for the block group	9.19	9.57
163	Med_house_value_tr_ACS_08_12	Median of ACS respondents' house value estimates for the tract	5.53	10.53

* - No item missing rate could be calculated directly for these estimates. These items are composed of multiple questions from the ACS. We examined the item missing rate of questions that compose these estimates (age, sex, relationship, marital status), and none were above 2.00.

Appendix D. Changes to Geography

Geographic numbering and definitions can change over time. Generally, major changes to geographic boundaries are made during the decennial census, but errors in boundary definitions or numbering may lead to updates in the intervening years. The census tract changes in Madison and Oneida Counties in New York are the result of corrections to the Oneida American Indian Reservation boundary after the 2010 Census tract definitions had been finalized. The change to the census tracts in Richmond County, New York, corrects a tract boundary definition error. There are tract numbering corrections to seven census tracts in Pima County, Arizona. In addition, one deleted census tract is restored in Los Angeles County, California, eliminating one 2010 tract and changing the geographic definition of another census tract involved.

Tracts that were simply renumbered since the 2010 Census have been renumbered in the 2014 PDB file. This applies to the following tracts:

- Pima County, Arizona
    - Census Tract 27.01 is now 27.04
    - Census Tract 29.03 is now 29.06
    - Census Tract 4105.01 is now 41.18
    - Census Tract 4105.02 is now 41.21
    - Census Tract 4105.03 is now 41.25
    - Census Tract 4704.00 is now 52.00
    - Census Tract 4705.00 is now 53.00
- Madison County, New York
    - Census Tract 9401.01 is now 0301.01
    - Census Tract 9401.02 is now 0301.02
    - Census Tract 9401.03 is now 0301.03
    - Census Tract 9402.00 is now 0302.00
    - Census Tract 9403.00 is now 0303.00
    - Census Tract 9404.01 is now 0304.01
    - Census Tract 9404.03 is now 0304.03
    - Census Tract 9406.00 is now 0306.00
    - Census Tract 9407.00 is now 0304.02
- Oneida County, New York
    - Census Tract 9400.00 is now 0248.00
    - Census Tract 9401.00 is now 0247.00
- Richmond County, New York: Census Tract 0089.00 merged into Census Tract 0097.00. The area merged into Census Tract 0097.00 is entirely water.

In the 2014 PDB, geographical units that have been redefined since the 2010 Census have both 2010 geography and current geography. Because the geographical boundaries have changed, we cannot match the 2010 Census estimates, which are based on 2010 geography, with the 2008-2012 ACS estimates, which are based on 2012 geography. Thus, in the 2014 PDB, the affected block groups each

have a record for the 2010 Census data and a record for the 2008-2012 ACS data. This applies to the following areas:

- Los Angeles County, California: The deletion of Census 2000 Tract 1370.00 is now corrected, and the tract is reinstated with its former boundaries.
    - Census Tract 1370.00, Block Group 1 now contains portions of former Census Tract 9304.01, Block Group 1
    - Census Tract 1370.00, Block Group 2 now czontains portions of former Census Tract 9304.01, Block Group 1 and all of Census Tract 8002.04, Block Group 3
- Leon County, Florida: Census Tract 25.13, Block Group 1 now contains portions of Census Tract 25.10, Block Group 3
- Volusia County, Florida: Census Tract 908.03, Block Group 3 now contains part of Census Tract 907.02, Block Group 4
- Oneida County, New York
    - Census Tract 9402.00 is now 0249.00
    - Census Tract 0249.00, Block Group 1 now contains part of Census Tract 0230.00, Block Group 2
    - Census Tract 0249.00, Block Group 3 now contains part of Census Tract 0230.00, Block Group 2
- Okmulgee County, Oklahoma: Census Tract 1, Block Group 2 now contains parts of Census Tract 5, Block Group 1.

The Census Bureau discovered geocoding errors in the 2010 Census that affected 2010 Census data products, including the Summary File 1, which is the source of the 2010 Census values in the 2014 PDB. These geocoding errors resulted in some people in a small number of blocks to be placed in the incorrect block. Since the 2010 Census values in the 2014 PDB do not include corrections to the misgeocoded persons but the 2008-2012 ACS estimates do have corrected geocoding, we cannot match the 2010 Census estimates with the 2008-2012 ACS estimates. Thus, in the 2014 PDB, the affected block groups each have a record for the 2010 Census data and a record for the 2008-2012 ACS data. This applies to the following areas:

- Norfolk City, Virginia: Military ships that should belong in Census Tract 0009.02, Block Group 1, were incorrectly placed in Census Tract 0038.00, Block Group 1
- New London County, Connecticut: Military ships that should belong in Census Tract 9800.00, Block Group 1, were incorrectly placed in Census Tract 7026.00, Block Group 1
- Strafford County, New Hampshire: Military ships that should belong in Census Tract 0691.00, Block Group 1, were incorrectly placed in Census Tract 0650.07, Block Group 1
- Snohomish County, Washington: Military ships that should belong in Census Tract 0401.00, Block Group 4, were incorrectly placed in Census Tract 0404.00, Block Group 3

For more information on changes to geography, please see *2010 Census Geography Notes* (http://www.census.gov/geo/reference/pdfs/Geography_Notes.pdf) and *Notes and Errata* (http://www.census.gov/prod/cen2010/notes/errata.pdf).