

Codebook: Longitudinal Tract Data Base Census Data for 1970-2010, ACS 2008-2012, ACS 2015-2019, and 2020 PL94

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NOTE: The 2020 PL94 data have been harmonized to 2010 census tracts. Because only full-count variables are included at this time it was possible to improve the estimates by using block data in 2020 to create 2010 tract estimates. The crosswalk available for download therefore lists 2020 blocks and their corresponding 2010 tracts.

Introduction

This codebook has two purposes. It defines the variables used at the tract and county levels for the Longitudinal Tract Database (LTDB) web-based map system. The Table on the following pages lists the variables that are available for each year. An asterisk (*) identifies variables that are defined differently in different years. Variables are divided into four major categories. These categories are Race/Age by Race, Ethnicity and Immigration, Socioeconomic Status, and Housing/Age/Marital Status. In order for the map system to work faster, users are asked first to select a category of variables, then a specific variable within that category.

The second purpose of the codebook is to provide documentation for the source variables used in LTDB. Users are encouraged to be familiar with the variable definitions in these original tabulations, especially for variables that have had changes in definitions or coverage.

Entries in Section I list all of the variables that can be downloaded. The notes list the variable name as found in LTDB and the years for which the variable is available. They also identify whether the variable is based on full-count or sample information. The downloadable LTDB data files have been divided into data drawn (in most if not all years) from the full-count census and data that are based on sample counts (the long-form questionnaire of censuses through 2000 and the American Community Survey). Some data (e.g., total population) are available from both sources. When constructing new variables, such as percentages or rates, be sure that both the numerator and denominator are from the same populations (either full count or sample count).

Entries in Section II list all of the constructed variables that are used in the map system and clarify how they were calculated (e.g., what variable was used in the numerator and what variable in the denominator).

In variable names XX designates the year, from “70”for 1970 to “20”for 2020; “12” refers to the 2008-2012 ACS; “19” refers to the 2015-19 ACS

**List of Available Variables by Categories Used in S4 Web Maps -
See Section II Below for Variable Construction**

[* indicates variables defined differently in different years -- see notes in codebook

Variable Label	Variable Name (XX identifies the year)	Variable Availability by Year							
		1970	1980	1990	2000	2010	2008-12 ACS	2015-19 ACS	2020 PL94
Race, Age by Race									
% white, non-Hispanic *	pnhwhtXX / pwhiteXX *	✓	✓	✓	✓	✓	✓	✓	✓
% black, non-Hispanic *	pnhblkXX / pblackXX *	✓	✓	✓	✓	✓	✓	✓	✓
% Hispanic	phispXX		✓	✓	✓	✓	✓	✓	✓
% Native American race	pntvXX		✓	✓	✓	✓	✓	✓	✓
% Asian and Pacific Islander race	pasianXX	✓	✓	✓	✓	✓	✓	✓	✓
% Hawaiian race	phawXX	✓	✓	✓	✓	✓	✓	✓	✓
% Indian birth/race	pindiaXX	✓	✓	✓	✓	✓	✓	✓	
% Chinese birth/race	pchinaXX	✓	✓	✓	✓	✓	✓	✓	
% Filipino birth/race	pfilipXX	✓	✓	✓	✓	✓	✓	✓	
% Japanese birth/race	pjapanXX	✓	✓	✓	✓	✓	✓	✓	
% Korean birth/race	pkoreaXX	✓	✓	✓	✓	✓	✓	✓	
% Vietnamese race	pvietXX		✓	✓	✓	✓	✓	✓	
% 15 and under, non-Hispanic white *	p15whtXX	✓	✓	✓	✓	✓	✓	✓	
% 60 and older, non-Hispanic white *	p60whtXX / p65whtXX *	✓	✓	✓	✓	✓	✓	✓	
% 15 and under, non-Hispanic black *	p15blkXX	✓	✓	✓	✓	✓	✓	✓	
% 60 and older, non-Hispanic black *	p60blkXX / p65blkXX *	✓	✓	✓	✓	✓	✓	✓	
% 15 and under, Hispanic *	p15hspXX		✓	✓	✓	✓	✓	✓	
% 60 and older, Hispanic *	p60hspXX / p65hspXX *		✓	✓	✓	✓	✓	✓	
% 15 and under, Native American *	p15ntvXX		✓	✓	✓	✓	✓	✓	
% 60 and older, Native American *	p60ntvXX / p65ntvXX *		✓	✓	✓	✓	✓	✓	
% 15 and under, Asian/PI *	p15asnXX		✓	✓	✓	✓	✓	✓	
% 60 and older, Asian/PI *	p60asnXX / p65asnXX *		✓	✓	✓	✓	✓	✓	
Ethnicity and Immigration									
% Mexican birth/ethnicity	pmexXX	✓	✓	✓	✓	✓	✓	✓	
% Cuban birth/ethnicity	pcubanXX	✓	✓	✓	✓	✓	✓	✓	
% Puerto Rican birth/ethnicity	pprXX	✓	✓	✓	✓	✓	✓	✓	
% Russian/USSR parentage/ancestry	pruancXX	✓	✓	✓	✓		✓	✓	
% Italian parentage/ancestry	pitancXX	✓	✓	✓	✓		✓	✓	
% German parentage/ancestry	pgeancXX	✓	✓	✓	✓		✓	✓	
% Irish parentage/ancestry	pirancXX	✓	✓	✓	✓		✓	✓	

Variables in LTDB map system by category and available year

Variable Label	Variable Name	Variable Availability by Year						
		1970	1980	1990	2000	2010	2008-12 ACS	2015-19 ACS
% Scandinavian parentage/ancestry	pscancXX	✓	✓	✓	✓		✓	✓
% foreign born	pfbXX	✓	✓	✓	✓		✓	✓
% Naturalized	pnatXX	✓	✓	✓	✓		✓	✓
% immigrated in past 10 years	p10immXX	✓	✓	✓	✓		✓	✓
% speaking other language at home, age 5+	polangXX		✓	✓	✓		✓	✓
% speaking English not well, age 5+	plepXX		✓	✓	✓		✓	✓
% Russian/USSR birth	prufbXX	✓	✓	✓	✓		✓	✓
% Italian birth	pitfbXX	✓	✓	✓	✓		✓	✓
% German birth	pgefXX	✓	✓	✓	✓		✓	✓
% Irish birth	pirfbXX	✓	✓	✓	✓		✓	✓
% Scandinavian birth	pscfbXX	✓	✓	✓	✓		✓	✓

Socioeconomic Status

% with high school degree or less	pshsXX	✓	✓	✓	✓		✓	✓
% with 4-year college degree or more	pcolXX	✓	✓	✓	✓		✓	✓
% unemployed	punempXX	✓	✓	✓	✓		✓	✓
% female labor force participation	pflabfXX	✓	✓	✓	✓		✓	✓
% professional employees	pprofXX	✓	✓	✓	✓		✓	✓
% manufacturing employees	pmanufXX	✓	✓	✓	✓		✓	✓
% veteran	pvetXX	✓	✓	✓	✓		✓	✓
% with disability	pdisXX	✓	✓	✓	✓			
% self-employed	psempXX	✓	✓	✓	✓		✓	✓
Median HH income, total	hincXX	✓	✓	✓	✓		✓	✓
Median HH income, whites	hincwXX		✓	✓	✓		✓	✓
Median HH income, blacks	hincbXX		✓	✓	✓		✓	✓
Median HH income, Hispanics	hinchXX		✓	✓	✓		✓	✓
Median HH income, Asian/PI	hincaXX		✓	✓	✓		✓	✓
Per capita income	incpcXX	✓	✓	✓	✓		✓	✓
% in poverty, total	ppovXX	✓	✓	✓	✓		✓	✓
% in poverty, 65+	p65povXX	✓	✓	✓	✓		✓	✓
% in poverty, families with children	pfmpovXX	✓	✓	✓	✓		✓	✓
% in poverty, African Americans	pbpovXX	✓	✓	✓	✓		✓	✓
% in poverty, whites	pwovXX	✓	✓	✓	✓		✓	✓
% in poverty, Native Americans	pnapovXX		✓	✓	✓		✓	✓
% in poverty, Hispanics	phpovXX		✓	✓	✓		✓	✓
% in poverty, Asian/PI	papovXX		✓	✓	✓		✓	✓

Variables in LTDB map system by category and available year

Variable Label	Variable Name	Variable Availability by Year						
		1970	1980	1990	2000	2010	2008-12 ACS	2015-19 ACS
Housing, Age, and Marital Status								
% owner-occupied units	pownXX	✓	✓	✓	✓	✓	✓	✓
% vacant units	pvacXX	✓	✓	✓	✓	✓	✓	✓
% multi-family units	pmultiXX	✓	✓	✓	✓		✓	✓
Median rent	mrentXX	✓	✓	✓	✓		✓	✓
Median home value	mhmvalXX	✓	✓	✓	✓		✓	✓
% structures more than 30 years old	p30oldXX	✓	✓	✓	✓		✓	✓
% HH in neighborhood 10 years or less	p10yrsXX	✓	✓	✓	✓		✓	✓
% 17 and under, total	p18undXX	✓	✓	✓	✓	✓	✓	✓
% 60 and older, total	p60upXX	✓	✓	✓	✓	✓	✓	✓
% 75 and older, total	p75upXX	✓	✓	✓	✓	✓	✓	✓
% currently married, not separated	pmarXX	✓	✓	✓	✓		✓	✓
% widowed, divorced and separated	pwdsXX	✓	✓	✓	✓		✓	✓
% female-headed families with children	pfhhXX	✓	✓	✓	✓	✓	✓	✓

Variables in LTDB map system by category and available year

Section I. Variables included in the LTDB file download

[These variables include all of the counts on which constructed variables in the LTDB map system are calculated]

Variable Group 1: Race and Age by Race

popXX

Description: total population

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS, 2020

Census data sources:

- 1970: Count 2 (100% Data), T1
- 1980: STF1 (100% Data), T1
- 1990: STF1 (100% Data), P1
- 2000: SF1 (100% Data), P1
- 2010: SF1 (100% Data), P1
- 2008-12 ACS: (Sample-Based Data), B01001
- 2015-19 ACS: (Sample-Based Data), B01001
- 2020: PL94 (100% Data)

whiteXX

Description: persons of white race

Availability: 1970 only

Census data sources:

- 1970: Count 2 (100% Data), T1

Notes: Before 1980 Census, non-Hispanic iteration was not available.

nhwhtXX

Description: persons of white race, not Hispanic origin

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS, 2020

Census data sources:

- 1980: STF1 (100% Data), T7 & T9
- 1990: STF1 (100% Data), P10
- 2000: SF1 (100% Data), P4
- 2010: SF1 (100% Data), P9
- 2008-12 ACS: (Sample-Based Data), B03002
- 2015-19 ACS: (Sample-Based Data), B03002
- 2020: PL94 (100% Data)

Notes: This variable is conceptually differently from “whiteXX” in 1970. In 1980, this variable is constructed by subtracting white persons of Spanish origin from the total white population. In the 2000, 2010, and 2020 censuses and 2008-12 and 2015-19 ACS, where multiple racial identities are allowed, the race category of “White Alone” in combination with the Hispanic origin of “not Hispanic” is used to define this variable.

blackXX

Description: persons of black race

Availability: 1970 only

Census data sources:

1970: Count 2 (100% Data), T1

Notes: Before 1980 Census, non-Hispanic iteration was not available.

nhblkXX

Description: persons of black race, not Hispanic origin

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS, 2020

Census data sources:

1980: STF1 (100% Data), T7 & T9

1990: STF1 (100% Data), P10

2000: SF1 (100% Data), P4

2010: SF1 (100% Data), P9

2008-12 ACS: (Sample-Based Data), B03002

2015-19 ACS: (Sample-Based Data), B03002

2020: PL94 (100% Data)

Notes: This variable is conceptually different from “blackXX” in 1970. In 1980, this variable is constructed by subtracting black persons of Spanish origin from the total black population. In the 2000, 2010 and 2020 censuses where multiple racial identities are allowed, the race categories of “black alone” and “black in combination with other races” are used in combination with the Hispanic origin of “not Hispanic” to define this variable. In the 2008-12 and 2015-19 ACS, there is no table that distinguishes Hispanics from non-Hispanics for multi-racial blacks. We estimate this population using the assumption that the proportion of multi-race blacks in the tract who are Hispanic is the same as that of single race blacks (which is given).

hispXX

Description: persons of Hispanic origin

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS, 2020

Census data sources:

1980: STF1 (100% Data), T9

1990: STF1 (100% Data), P8

2000: SF1 (100% Data), P4

2010: SF1 (100% Data), P9

2008-12 ACS: (Sample-Based Data), B03002

2015-19 ACS: (Sample-Based Data), B03002

2020: PL94 (100% Data)

ntvXX

Description: persons of Native American race

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS, 2020

Census data sources:

1980: STF1 (100% Data), T7
1990: STF1 (100% Data), P10
2000: SF1 (100% Data), P4
2010: SF1 (100% Data), P9
2008-12 ACS: (Sample-Based Data), B03002
2015-19 ACS: (Sample-Based Data), B03002
2020: PL94 (100% Data)

Notes: In 1980, this variable is constructed from the race category “American Indian, Eskimo, or Aleut.” In 1990, this variable is constructed from the race category “American Indian, Eskimo, or Aleut” in combination with “not of Hispanic origin.” In 2000, 2010 and 2020 censuses and 2008-12 and 2015-19ACS, the race category of “American Indian and Alaskan Native (AIAN) alone or in combination with another race (except black)” in combination with the Hispanic origin of “not Hispanic” is used to define this variable.

asianXX

Description: persons of Asian race (and Pacific Islander)

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS, 2020

Census data sources:

1970: Count 2 (100% Data), T1
1980: STF1 (100% Data), T7
1990: STF1 (100% Data), P10
2000: SF1 (100% Data), P4
2010: SF1 (100% Data), P9
2008-12 ACS: (Sample-Based Data), B03002
2015-19 ACS: (Sample-Based Data), B03002
2020: PL94 (100% Data)

Notes: In 1970 and 1980, there is no Hispanic iteration for Asians and Pacific Islanders. In 1990, this variable is constructed from the race category “Asian or Pacific Islander” in combination with “not of Hispanic origin”. In 2000, 2010 and 2020, the race categories of “Asian/Pacific Islander Alone” and “Asian/Pacific Islander in combination with another race (except black and native American)” are used together with the Hispanic origin of “not Hispanic” to define this variable. In 2008-12 ACS and 2015-19 ACS, the race categories of “Asian Alone” and “Native Hawaiian and Other Pacific Islander alone” in combination with the Hispanic origin of “not Hispanic” are used to define this variable

hawXX

Description: persons of Hawaiian race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS, 2020

Census data sources:

1970: Count 2 (100% Data), T1
1980: STF1 (100% Data), T7
1990: STF1 (100% Data), P7
2000: SF1 (100% Data), PCT8
2010: SF1 (100% Data), PCT8
2008-12 ACS: (Sample-Based Data), B02007

2015-19 ACS: (Sample-Based Data), B02016
2020: PL94 (100% Data)

Notes: There is no Hispanic iteration in any year. In 1970, “Hawaiian” is provided as one of the nine race categories. In 1980, it is presented as one of the subcategories of “Asian and Pacific Islander.” In 1990, it is a subcategory of “Polynesian” under the umbrella of “Asian or Pacific Islander.” In 2000, 2010 and 2008-12 and 2015-19ACS, the race category of “Native Hawaiian” under the larger group of “Native Hawaiian and Other Pacific Islander (NHPI) Alone” and subcategory of “Polynesian” is used to define this variable. In PL94 in 2020 the category is Native Hawaiian and Pacific Islander, alone or in combination with white and/or “some other race.”

indiaXX

Description: persons of Asian Indian race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T1
1980: STF1 (100% Data), T7
1990: STF1 (100% Data), P7
2000: SF1 (100% Data), PCT7
2010: SF1 (100% Data), PCT7
2008-12 ACS: (Sample-Based Data), B02006
2015-19 ACS: (Sample-Based Data), B02018

Notes: There is no Hispanic iteration for this variable in any year. In 1970, one of the nine race categories of “Asian Indian” is used. In 1980 and 1990, “Asian Indian” race under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010, “Asian Indian” race under the larger category of “Asian Alone or in Combination with One or More Races” is used. In the 2008-12 ACS, “Asian Indian” under the larger category “Asian Alone by Selected Groups” is used. In the 2015-19 ACS, “Asian Indian” under the larger category “Asian Alone or in Any Combination by Selected Groups” is used.

chinaXX

Description: persons of Chinese race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T1
1980: STF1 (100% Data), T7
1990: STF1 (100% Data), P7
2000: SF1 (100% Data), PCT7
2010: SF1 (100% Data), PCT7
2008-12 ACS: (Sample-Based Data), B02006
2015-19 ACS: (Sample-Based Data), B02018

Notes: There is no Hispanic iteration for this variable in any year. In 1970, one of the nine race categories of “Chinese” is used. In 1980 and 1990, “Chinese” under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010, the categories of “Chinese” and “Taiwanese” under the larger category of “Asian Alone or in Combination with One or More Races” are used to define this variable. In the 2008-12 ACS, the categories of “Chinese” and

“Taiwanese” under the larger category “Asian Alone by Selected Groups” are used. In the 2015-19 ACS, the categories of “Chinese” and “Taiwanese” under the larger category “Asian Alone of in any Combination by Selected Groups” are used.

filipXX

Description: persons of Filipino race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T1

1980: STF1 (100% Data), T7

1990: STF1 (100% Data), P7

2000: SF1 (100% Data), PCT7

2010: SF1 (100% Data), PCT7

2008-12 ACS: (Sample-Based Data), B02006

2015-19 ACS: (Sample-Based Data), B02018

Notes: There is no Hispanic iteration for this variable in any year. In 1970, one of the nine race categories of “Filipino” is used. In 1980 and 1990, “Filipino” under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010, “Filipino” under the larger category of “Asian Alone or in Combination with One or More Races” is used. In the 2008-12 ACS, the category “Filipino” under the larger category “Asian Alone by Selected Groups” is used. In the 2015-19 ACS, the category of “Filipino” under the larger category “Asian Alone of in any Combination by Selected Groups” is used.

japanXX

Description: persons of Japanese race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T1

1980: STF1 (100% Data), T7

1990: STF1 (100% Data), P7

2000: SF1 (100% Data), PCT7

2010: SF1 (100% Data), PCT7

2008-12 ACS: (Sample-Based Data), B02006

2015-19 ACS: (Sample-Based Data), B02018

Notes: There is no Hispanic iteration for this variable in any year. In 1970, one of the nine race categories of “Japanese” is used. In 1980 and 1990, “Japanese” under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010, “Japanese” under the larger category of “Asian Alone or in Combination with One or More Races” is used. In the 2008-12 ACS, the category “Japanese” under the larger category “Asian Alone by Selected Groups” is used. In the 2015-19 ACS, the category of “Japanese” under the larger category “Asian Alone of in any Combination by Selected Groups” is used.

koreaXX

Description: persons of Korean race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T1
1980: STF1 (100% Data), T7
1990: STF1 (100% Data), P7
2000: SF1 (100% Data), PCT7
2010: SF1 (100% Data), PCT7
2008-12 ACS: (Sample-Based Data), B02006
2015-19 ACS: (Sample-Based Data), B02018

Notes: There is no Hispanic iteration for this variable in any year. In 1970, one of the nine race categories of “Korean” is used. In 1980 and 1990, “Korean” under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010 “Korean” under the larger category of “Asian Alone or in Combination with One or More Races” is used. In the 2008-12 ACS, the category “Korean” under the larger category “Asian Alone by Selected Groups” is used. In the 2015-19 ACS, the category of “Korean” under the larger category “Asian Alone of in any Combination by Selected Groups” is used.

vietXX

Description: persons of Vietnamese race

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF1 (100% Data), T7
1990: STF1 (100% Data), P7
2000: SF1 (100% Data), PCT7
2010: SF1 (100% Data), PCT7
2008-12 ACS: (Sample-Based Data), B02006
2015-19 ACS: (Sample-Based Data), B02018

Notes: There is no Hispanic iteration for this variable in any year. In 1980 and 1990, “Vietnamese” under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010, “Vietnamese” race under the larger category of “Asian Alone or in Combination with One or More Races” is used. In the 2008-12 ACS, the category “Vietnamese” under the larger category “Asian Alone by Selected Groups” is used. In the 2015-19 ACS, the category of “Vietnamese” under the larger category “Asian Alone of in any Combination by Selected Groups” is used.

div_genXX

div_detXX

Description: categories of diversity of county or tract residents, based on presence or absence of whites, blacks, Hispanic, or Asians.

Availability: 1980, 1990, 2000, 2010

Notes: See <https://s4.ad.brown.edu/Projects/Diversity/Researcher/MapLTDB2.htm> for a more complete explanation of construction of these categorical variables.

agewhtXX

Description: white population with known age distribution

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T2B
1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12A & P12B
2000: SF1 (100% Data), PCT12I
2010: SF1 (100% Data), PCT12I
2008-12 ACS: (Sample-Based Data), B01001H
2015-19 ACS: (Sample-Based Data), B01001H

Notes: In 1970, 1980, and 1990, there is no Hispanic iteration for this variable. In 2000 and 2010, the universe is non-Hispanic white alone population.

a15whtXX

Description: 0-15 years old of white race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T2B
1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12A & P12B
2000: SF1 (100% Data), PCT12I
2010: SF1 (100% Data), PCT12I
2008-12 ACS: (Sample-Based Data), B01001H
2015-19 ACS: (Sample-Based Data), B01001H

Notes: In 1970, 1980, and 1990, there is no Hispanic iteration for this variable. In 2000 and 2010, the universe is non-Hispanic white alone population. In 1980, 2008-12 ACS, and 2015-19 ACS, 0-14 years old of white race is used.

a60whtXX

Description: 60 years and older of white race Availability: 1970, 1980, 1990, 2000, 2010

Census data sources:

1970: Count 2 (100% Data), T2B
1980: STF3 (Sample-Based Data), T16 1990: STF1 (100% Data), P12A & P12B
2000: SF1 (100% Data), PCT12I
2010: SF1 (100% Data), PCT12I

Notes: In 1970, 1980, and 1990, there is no Hispanic iteration for this variable. In 2000 and 2010, the universe is non-Hispanic white alone population.

a65whtXX

Description: 65 years and older of non-Hispanic whites

Availability: 2008-12 ACS, 2015-19 ACS

Census data sources:

2008-12 ACS: (Sample-Based Data), B01001H
2015-19 ACS: (Sample-Based Data), B01001H

ageblkXX

Description: black population with known age distribution

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T2C
1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12C & P12D
2000: SF1 (100% Data), PCT12J
2010: SF1 (100% Data), PCT12J
2008-12 ACS: (Sample-Based Data), B01001B
2015-19 ACS: (Sample-Based Data), B01001B

Notes: In 1970, 1980, and 1990, there is no Hispanic iteration for this variable. In 2000 and 2010, the universe is non-Hispanic black alone population.

a15blkXX

Description: 0-15 years old of black race

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T2C
1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12C & P12D
2000: SF1 (100% Data), PCT12J
2010: SF1 (100% Data), PCT12J
2008-12 ACS: (Sample-Based Data), B01001B
2015-19 ACS: (Sample-Based Data), B01001B

Notes: In 1970, 1980, and 1990, there is no Hispanic iteration for this variable. In 2000 and 2010, the universe is non-Hispanic black alone population. In 1980, 2008-12 ACS, and 2015-19 ACS, 0-14 years old black alone is used.

a60blkXX

Description: 60 years and older of black race

Availability: 1970, 1980, 1990, 2000, 2010

Census data sources:

1970: Count 2 (100% Data), T2C
1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12C & P12D
2000: SF1 (100% Data), PCT12J
2010: SF1 (100% Data), PCT12J

Notes: In 1970, 1980, and 1990, there is no Hispanic iteration for this variable. In 2000 and 2010, the universe is non-Hispanic black alone population.

a65blkXX

Description: 65 years and older of black race

Availability: 2008-12 ACS, 2015-19 ACS

Census data sources:

2008-12 ACS: (Sample-Based Data), B01001B
2015-19 ACS: (Sample-Based Data), B01001B

agehspXX

Description: Hispanic population with known age distribution

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19ACS

Census data sources:

1980: STF3 (Sample-Based Data), T17

1990: STF1 (100% Data), P13A & P13B 2000: SF1 (100% Data), PCT12H

2010: SF1 (100% Data), PCT12H

2008-12 ACS: (Sample-Based Data), B01001I

2015-19 ACS: (Sample-Based Data), B01001I

a15hspXX

Description: 0-15 years old, persons of Hispanic origins

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T17

1990: STF1 (100% Data), P13A & P13B 2000: SF1 (100% Data), PCT12H

2010: SF1 (100% Data), PCT12H

2008-12 ACS: (Sample-Based Data), B01001I

2015-19 ACS: (Sample-Based Data), B01001I

Notes: In 1980, 2008-12 ACS, and 2015-19 ACS, 0-14 years old persons of Hispanic origins is used.

a60hspXX

Description: 60 years and older, persons of Hispanic origins

Availability: 1980, 1990, 2000, 2010

Census data sources:

1980: STF3 (Sample-Based Data), T17

1990: STF1 (100% Data), P13A & P13B

2000: SF1 (100% Data), PCT12H

2010: SF1 (100% Data), PCT12H

a65hspXX

Description: 65 years and older, persons of Hispanic origins

Availability: 2008-12 ACS, 2015-19 ACS

Census data sources:

2008-12 ACS: (Sample-Based Data), B01001I

2015-19 ACS: (Sample-Based Data), B01001I

agentvXX

Description: Native American population with known age distribution

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T16

1990: STF1 (100% Data), P12E & P12F

2000: SF1 (100% Data), PCT12K
2010: SF1 (100% Data), PCT12K
2008-12 ACS: (Sample-Based Data), B01001C
2015-19 ACS: (Sample-Based Data), B01001C

Notes: In 1980 and 1990, there is no Hispanic iteration for this variable.
In 2000 and 2010, the universe is non-Hispanic Native American alone population.

a15ntvXX

Description: 0-15 years old of Native American race (in 1980, 0-14 years old of Native American race; in 2008-12 ACS, 0-14 years old of Native American race)

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12E & P12F
2000: SF1 (100% Data), PCT12K
2010: SF1 (100% Data), PCT12K
2008-12 ACS: (Sample-Based Data), B01001C
2015-19 ACS: (Sample-Based Data), B01001C

Notes: In 1980 and 1990, there is no Hispanic iteration for this variable.
In 2000 and 2010, the universe is non-Hispanic Native American alone population.

a60ntvXX

Description: 60 years and older of Native American race

Availability: 1980, 1990, 2000, 2010

Census data sources:

1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12E & P12F
2000: SF1 (100% Data), PCT12K
2010: SF1 (100% Data), PCT12K

Notes: In 1980 and 1990, there is no Hispanic iteration for this variable.
In 2000 and 2010, the universe is non-Hispanic Native American alone population.

a65ntvXX

Description: 65 years and older of Native American race

Availability: 2008-12 ACS, 2015-19 ACS

Census data sources:

2008-12 ACS: (Sample-Based Data), B01001C
2015-19 ACS: (Sample-Based Data), B01001C

ageasnXX

Description: Asian and Pacific Islander population with known age distribution

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12G & P12H
2000: SF1 (100% Data), PCT12L & PCT12M

2010: SF1 (100% Data), PCT12L & PCT12M
2008-12 ACS: (Sample-Based Data), B01001D & B01001E
2015-19 ACS: (Sample-Based Data), B01001D & B01001E

Notes: In 1980 and 1990, there is no Hispanic iteration for this variable.

In 2000 and 2010, the universe is non-Hispanic Asian/Pacific Islander alone population.

a15asnXX

Description: 0-15 years old of Asians and Pacific Islanders (in 1980, 0-14 years old of Asians/Pacific Islanders; in 2008-12 ACS, 0-14 years old of Asian/Pacific Islander race)

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12G & P12H
2000: SF1 (100% Data), PCT12L & PCT12M
2010: SF1 (100% Data), PCT12L & PCT12M
2008-12 ACS: (Sample-Based Data), B01001D & B01001E
2015-19 ACS: (Sample-Based Data), B01001D & B01001E

Notes: In 1980 and 1990, there is no Hispanic iteration for this variable.

In 2000 and 2010, the universe is non-Hispanic Asian/Pacific Islander alone population.

a60asnXX

Description: 60 years and older of Asians and Pacific Islanders

Availability: 1980, 1990, 2000, 2010

Census data sources:

1980: STF3 (Sample-Based Data), T16
1990: STF1 (100% Data), P12G & P12H
2000: SF1 (100% Data), PCT12L & PCT12M
2010: SF1 (100% Data), PCT12L & PCT12M

Notes: In 1980 and 1990, there is no Hispanic iteration for this variable.

In 2000 and 2010, the universe is non-Hispanic Asian/Pacific Islander alone population.

a65asnXX

Description: 65 years and older of Asians and Pacific Islanders

Availability: 2008-12 ACS, 2015-19 ACS

Census data sources:

2008-12 ACS: (Sample-Based Data), B01001D & B01001E
2015-19 ACS: (Sample-Based Data), B01001D & B01001E

Variable Group 2: Ethnicity and Immigration

popXXsp1

Description: total population from sample-based data

Availability: 1970 only

Census data sources:

1970: Count 4 (Sample-Based Data), T25

Notes: In 1970, this variable serves as the denominator for calculating the percentages of foreign-born and naturalized foreign-born, which are only counted in the sample-based data in 1970.

popXXsp2

Description: total population from sample-based data

Availability: 1970 only

Census data sources:

1970: Count 4 (Sample-Based Data), T21

Notes: In 1970, this variable serves as the denominator for calculating the percentage of specific Hispanic origin groups (Mexicans, Cubans, and Puerto Ricans), European ancestry, and European foreign-born groups, which are only counted in the sample-based data in 1970.

popXXsf3

Description: total population from sample-based data

Availability: 1980, 1990, 2000

Census data sources:

1980: STF3 (Sample-Based Data), T1A

1990: STF3 (Sample-Based Data), P1

2000: SF3 (Sample-Based Data), P1

Notes: In 1980, this variable serves as the denominator for calculating the percentages of specific European ancestry groups, which are only counted in the sample-based data in 1980. In 1990, this variable serves as the denominator for calculating the percentages of specific European ancestry groups, total foreign born, total foreign-born immigrated in the past 10 years, and total naturalized foreign-born, which are only counted in the sample-based data in 1990.

popXXsf4

Description: total population from sample-based data

Availability: 1980, 1990

Census data sources:

1980: STF4 (Sample-Based Data), TPB9

1990: STF4 (Sample-Based Data), PA23

Notes: In 1980, this variable serves as the denominator for calculating the percentages of specific European foreign-born groups, total foreign-born immigrated in the past 10 years, and total naturalized foreign-born, which are only counted in the sample-based data in 1980. In 1990, this variable serves as the denominator for calculating the percentages of specific European foreign-born groups, which are only counted in the sample-based data in 1990.

mexXX

Description: Mexicans

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF1 (100% Data), T8

1990: STF1 (100% Data), P9

2000: SF1 (100% Data), PCT11

2010: SF1 (100% Data), PCT11

2008-12 ACS: (Sample-Based Data), B03001

2015-19 ACS: (Sample-Based Data), B03001

Notes: In 1970, this variable is constructed from the foreign-born and the native-born who have parentage of “Mexico” available from “Nativity by Country of Origin” table. From 1980 and later years, Hispanic origin of “Mexican” is provided in census and ACS.

cubanXX

Description: Cubans

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF1 (100% Data), T8

1990: STF1 (100% Data), P9

2000: SF1 (100% Data), PCT11

2010: SF1 (100% Data), PCT11

2008-12 ACS: (Sample-Based Data), B03001

2015-19 ACS: (Sample-Based Data), B03001

Notes: In 1970, this variable is constructed from the foreign-born and the native-born who have parentage of “Cuba” available from “Nativity by Country of Origin” table. From 1980 and later years, Hispanic origin of “Cuban” is provided in census and ACS.

prXX

Description: Puerto Ricans

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T24
1980: STF1 (100% Data), T8
1990: STF1 (100% Data), P9
2000: SF1 (100% Data), PCT11
2010: SF1 (100% Data), PCT11
2008-12 ACS: (Sample-Based Data), B03001
2015-19 ACS: (Sample-Based Data), B03001

Notes: In 1970, this variable is constructed from one of the “Spanish indicator” subcategories of “Persons of Puerto Rican birth or parentage”. From 1980 and later years, Hispanic origin of “Puerto Rican” is provided in census and ACS.

ruancXX

Description: persons of Russian/USSR parentage or ancestry
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:

1970: Count 4 (Sample-Based Data), T22
1980: STF3 (Sample-Based Data), T28
1990: STF3 (Sample-Based Data), P33
2000: SF3 (Sample-Based Data), PCT16
2008-12 ACS: (Sample-Based Data), B04001
2015-19 ACS: (Sample-Based Data), B04004

Notes: In 1970, the count is the native-born and the foreign-born who have a parentage of “USSR” available from “Nativity by Country of Origin” table. In 1980, the single ancestry groups of “Russian” and “Ukrainian” are counted. In 1990, those who reported first ancestry of “Russian”, “Ukrainian”, and “Lithuanian” are counted. In 2000, only those who of first ancestry of “Russian”, “Lithuanian”, “Latvian”, and “Estonian” are counted. In 2008-12 ACS, those who reported first ancestry of “Russian” are counted as the numerator. In the 2015-29 ACS, the single ancestry group of “Russian” is counted.

itancXX

Description: persons of Italian parentage or ancestry
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:

1970: Count 4 (Sample-Based Data), T22
1980: STF3 (Sample-Based Data), T28
1990: STF3 (Sample-Based Data), P33
2000: SF3 (Sample-Based Data), PCT16
2008-12 ACS: (Sample-Based Data), B04001
2015-19 ACS: (Sample-Based Data), B04004

Notes: In 1970, the count is the native-born and the foreign-born who have a parentage of “Italy” available from “Nativity by Country of Origin” table. In 1980, a single ancestry group of “Italian” is counted. In 1990, 2000, 2008-12 ACS those who reported first ancestry of “Italian” are counted. In the 2015-29 ACS, the single ancestry group of “Italian” is counted.

geancXX

Description: persons of German parentage or ancestry

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF3 (Sample-Based Data), T28

1990: STF3 (Sample-Based Data), P33

2000: SF3 (Sample-Based Data), PCT16

2008-12 ACS: (Sample-Based Data), B04001

2015-19 ACS: (Sample-Based Data), B04004

Notes: In 1970, the count is the native-born and the foreign-born who have a parentage of “Germany” available from “Nativity by Country of Origin” table. In 1980, a single ancestry group of “German” is counted. In 1990, 2000, and 2008-12 ACS, those who reported first ancestry of “German” are counted. In the 2015-29 ACS, the single ancestry group of “German” is counted.

irancXX

Description: persons of Irish parentage or ancestry

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22 1980: STF3 (Sample-Based Data), T28

1990: STF3 (Sample-Based Data), P33

2000: SF3 (Sample-Based Data), PCT16

2008-12 ACS: (Sample-Based Data), B04001

2015-19 ACS: (Sample-Based Data), B04004

Notes: In 1970, the count is the native-born and the foreign-born who have a parentage of “Ireland” available from “Nativity by Country of Origin” table. In 1980, a single ancestry group of “Irish” is counted. In 1990, 2000, and 2008-12 ACS, those who reported first ancestry of “Irish” are counted. In the 2015-29 ACS, the single ancestry group of “Irish” is counted.

scancXX

Description: persons of Scandinavian parentage/ancestry (Finnish, Swedish, Danish, Norwegian)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-2019 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF3 (Sample-Based Data), T28

1990: STF3 (Sample-Based Data), P33

2000: SF3 (Sample-Based Data), PCT16

2008-12 ACS: (Sample-Based Data), B04001

2015-19 ACS: (Sample-Based Data), B04004

Notes: In 1970, the count is the native-born and the foreign-born who have parentage of “Norway”, “Sweden”, “Denmark”, and “Finland” available from “Nativity by Country of Origin” table. In 1980, single ancestry groups of “Swedish” and “Norwegian” are counted. In 1990 and 2000, those who reported first ancestry of “Swedish”, “Norwegian”, “Finnish”, and “Danish” are counted. In 2008-12 ACS, those who reported first ancestry of “Swedish”, “Norwegian”, “Finnish”, “Danish”, and “Scandinavian” are counted. In 2015-19 ACS, single

ancestry groups of “Swedish,” “Norwegian,” “Finnish,” “Danish,” and “Scandinavian” are counted.

dfbXX

Description: total population from sample-based data

Availability: 1980 only

Census data sources:

1980: STF3 (Sample-Based Data), T33

Notes: In 1980, this variable serves as the denominator for calculating the percentages of total foreign-born, which is only counted in the sample-based data in 1980.

fbXX

Description: foreign-born

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T25

1980: STF3 (Sample-Based Data), T33

1990: STF3 (Sample-Based Data), P36

2000: SF3 (Sample-Based Data), P21

2008-12 ACS: (Sample-Based Data), B05002

2015-19 ACS: (Sample-Based Data), B05002

n10immXX

Description: recent immigrants (within the past 10 years)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T26

1980: STF4 (Sample-Based Data), TPB10

1990: STF3 (Sample-Based Data), P36

2000: SF3 (Sample-Based Data), P23

2008-12 ACS: (Sample-Based Data), B05005

2015-19 ACS: (Sample-Based Data), B05005

Notes: the count is from the “year of immigration” table. For 2008-12 ACS, recent immigrants include those who immigrated between 2000 and 2009. For the 2015-19 ACS, recent immigrants include those who immigrated in 2010 or after.

natXX

Description: naturalized foreign-born

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T25

1980: STF4 (Sample-Based Data), TPB9

1990: STF3 (Sample-Based Data), P37
2000: SF3 (Sample-Based Data), P21
2008-12 ACS: (Sample-Based Data), B05002
2015-19 ACS: (Sample-Based Data), B05002

Notes: the count is the category of “foreign-born, naturalized” from the “citizenship” table.

ag5upXX

Description: persons 5 years and over

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T27
1990: STF3 (Sample-Based Data), P31
2000: SF3 (Sample-Based Data), P19
2008-12 ACS: (Sample-Based Data), B16001
2015-19 ACS: (Sample-Based Data), B16001

Notes: This variable serves as the universe for tabulating individuals’ English-speaking ability.

olangXX

Description: persons who speak language other than English at home

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T27
1990: STF3 (Sample-Based Data), P31
2000: SF3 (Sample-Based Data), P19
2008-12 ACS: (Sample-Based Data), B16001
2015-19 ACS: (Sample-Based Data), B16001

Notes: The universe is persons 5 years and older.

This variable is not available until 1980 census. In 1980 and later years, the numerator is the sum of all categories except for the “Speak only English” category from the “language spoken at home” table.

lepXX

Description: persons who speak English not well

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T27
1990: STF3 (Sample-Based Data), P28
2000: SF3 (Sample-Based Data), P19
2008-12 ACS: (Sample-Based Data), B16004
2015-19 ACS: (Sample-Based Data), B16004

Notes: The universe is persons 5 years and older.

This variable is not available until 1980 census. In 1980 and later years, the numerator is the sum of “Not well” and “Not at all” categories from the table, “Language Other than English Spoken at Home by Ability to Speak English”.

rufbXX

Description: persons who were born in Russia/ USSR

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF4 (Sample-Based Data), TPA17

1990: STF4 (Sample-Based Data), PA23

2000: SF3 (Sample-Based Data), PCT19

2008-12 ACS: (Sample-Based Data), B05006

2015-19 ACS: (Sample-Based Data), B05006

Notes: In 1970, the count is the category of “USSR” from the “persons of foreign-stock, foreign-born” table. In 1980, the “USSR” category from the “Country of Birth” table constitutes the count. In 1990, the count is the sum of “Soviet Union” and “Lithuania” categories from “Place of Birth” table. In 2000 and later years, the count is the category of “Russia” from “Place of Birth” table.

itfbXX

Description: persons who were born in Italy

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF4 (Sample-Based Data), TPA17

1990: STF4 (Sample-Based Data), PA23

2000: SF3 (Sample-Based Data), PCT19

2008-12 ACS: (Sample-Based Data), B05006

2015-19 ACS: (Sample-Based Data), B05006

Notes: In 1970, the count is the category of “Italy” from the “persons of foreign-stock, foreign-born” table. In 1980 and later years, “Italy” from the “Country of Birth” table constitutes the count.

gefbXX

Description: persons who were born in Germany

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF4 (Sample-Based Data), TPA17

1990: STF4 (Sample-Based Data), PA23

2000: SF3 (Sample-Based Data), PCT19

2008-12 ACS: (Sample-Based Data), B05006

2015-19 ACS: (Sample-Based Data), B05006

Notes: In 1970, the count is the category of “Germany” from the “persons of foreign- stock, foreign-born” table. In 1980 and later years, “Germany” from the “Country of Birth” table constitutes the count.

irfbXX

Description: persons who were born in Ireland

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF4 (Sample-Based Data), TPA17

1990: STF4 (Sample-Based Data), PA23

2000: SF3 (Sample-Based Data), PCT19

2008-12 ACS: (Sample-Based Data), B05006

2015-19 ACS: (Sample-Based Data), B05006

Notes: In 1970, the count is the category of “Ireland” from the “persons of foreign-stock, foreign-born” table. In 1980 and later years, “Ireland” from the “Country of Birth” table constitutes the count.

scfbXX

Description: persons who were born in Scandinavian Countries (Swedish, Norwegian, Finnish, Danish)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T22

1980: STF4 (Sample-Based Data), TPA17

1990: STF4 (Sample-Based Data), PA23

2000: SF3 (Sample-Based Data), PCT19

2008-12 ACS: (Sample-Based Data), B05006

2015-19 ACS: (Sample-Based Data), B05006

Notes: In 1970, the count is subcategories of “Sweden”, “Norway”, “Finland”, and “Denmark” from the “persons of foreign-stock, foreign-born” table.

In 1980, only “Sweden” from the “Country of Birth” table constitutes the count.

In 1990, the count is the sum of “Sweden”, “Norway”, “Finland”, and “Denmark” from “Place of Birth” table. In 2000, the count comprises “Sweden” and “Other Northern Europe”. In 2008-12 and 2015-19 ACS, the count is the sum of “Denmark”, “Norway”, “Sweden”, and “Other Northern Europe” from “Place of Birth” table.

Variable Group 3: Socioeconomic Status

ag25upXX

Description: population 25 years and over

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T42

1980: STF3 (Sample-Based Data), T48A

1990: STF3 (Sample-Based Data), P57

2000: SF3 (Sample-Based Data), P37

2008-12 ACS: (Sample-Based Data), B15002

2015-19 ACS: (Sample-Based Data), B15002

Notes: this variable serves as the universe for tabulation of educational attainment

hsXX

Description: persons with high school degree or less

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T42

1980: STF3 (Sample-Based Data), T48A

1990: STF3 (Sample-Based Data), P57

2000: SF3 (Sample-Based Data), P37

2008-12 ACS: (Sample-Based Data), B15002

2015-19 ACS: (Sample-Based Data), B15002

colXX

Description: persons with at least a four-year college degree

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T42

1980: STF3 (Sample-Based Data), T48A

1990: STF3 (Sample-Based Data), P57

2000: SF3 (Sample-Based Data), P37

2008-12 ACS: (Sample-Based Data), B15002

2015-19 ACS: (Sample-Based Data), B15002

clfXX

Description: civilian labor force 16 years and over

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T54

1980: STF3 (Sample-Based Data), T55A

1990: STF3 (Sample-Based Data), P70

2000: SF3 (Sample-Based Data), P43

2008-12 ACS: (Sample-Based Data), B23001

2015-19 ACS: (Sample-Based Data), B23001

unempXX

Description: unemployed

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T54

1980: STF3 (Sample-Based Data), T55A

1990: STF3 (Sample-Based Data), P70

2000: SF3 (Sample-Based Data), P43

2008-12 ACS: (Sample-Based Data), B23001

2015-19 ACS: (Sample-Based Data), B23001

dflabfXX

Description: females 16 years and over, except in armed forces

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T54

1980: STF3 (Sample-Based Data), T55A

1990: STF3 (Sample-Based Data), P70

2000: SF3 (Sample-Based Data), P43

2008-12 ACS: (Sample-Based Data), B23001

2015-19 ACS: (Sample-Based Data), B23001

Notes: this variable serves as the universe for tabulation of females in labor force.

flabfXX

Description: females in labor force

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T54

1980: STF3 (Sample-Based Data), T55A

1990: STF3 (Sample-Based Data), P70

2000: SF3 (Sample-Based Data), P43

2008-12 ACS: (Sample-Based Data), B23001
2015-19 ACS: (Sample-Based Data), B23001

empclfXX

Description: employed persons 16 years and over
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:
1970: Count 4 (Sample-Based Data), T58
1980: STF3 (Sample-Based Data), T66
1990: STF3 (Sample-Based Data), P78
2000: SF3 (Sample-Based Data), P49
2008-12 ACS: (Sample-Based Data), C24010
2015-19 ACS: (Sample-Based Data), C24010

profXX

Description: professional employees (by occupations)
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:
1970: Count 4 (Sample-Based Data), T58
1980: STF3 (Sample-Based Data), T66
1990: STF3 (Sample-Based Data), P78
2000: SF3 (Sample-Based Data), P50
2008-12 ACS: (Sample-Based Data), C24010
2015-19 ACS: (Sample-Based Data), C24010

Notes: In 1970, employed persons in the occupation categories of “Professional, technical and kindred workers” and “Managers and administrators”. In 1980 and 1990, employed persons in the occupation categories of “Managerial and professional specialty occupations: Executive, administrative, and managerial occupations” and “Managerial and professional specialty occupations: Professional specialty occupations” are used. In 2000, employed persons in “Management, professional, and related occupations” is used. In the 2009-12 ACS and 2015-19 ACS, employed persons in “Management, business, science, and arts occupations” is used.

manufXX

Description: manufacturing employees (by industries)
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:
1970: Count 4 (Sample-Based Data), T62A
1980: STF3 (Sample-Based Data), T65
1990: STF3 (Sample-Based Data), P77
2000: SF3 (Sample-Based Data), P49
2008-12 ACS: (Sample-Based Data), C24030
2015-19 ACS: (Sample-Based Data), C24030

Notes: In 1970, 1980, and 1990, employed persons in the industry categories “Manufacturing: Nondurable goods” and “Manufacturing: Durable goods.”
In 2000 census and 2008-12 ACS, employed persons in “Manufacturing” industry.

sempXX

Description: self-employed

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T67

1980: STF3 (Sample-Based Data), T67

1990: STF3 (Sample-Based Data), P79

2000: SF3 (Sample-Based Data), P51

2008-12 ACS: (Sample-Based Data), B24080

2015-19 ACS: (Sample-Based Data), B24080

Notes: In 1970, employed persons in the categories of “Self-employed worker” and “Unpaid family worker” of Agricultural and Non-agricultural industries. In 1980 and later years, “Self-employed worker in own not incorporated business” and “Unpaid family worker” from the “Class of Worker” table. It does not include the category “Self-employed in own incorporated business” under the larger category “Private for-profit wage and salary workers.”

ag16cvXX

Description: civilian population 16 years and over (in 1970, civilian males 16 years and over)

Availability: 1970, 1980, 1990, 2000

Census data sources:

1970: Count 4 (Sample-Based Data), T37

1980: STF3 (Sample-Based Data), T51

1990: STF3 (Sample-Based Data), P64

ag18cvXX

Description: civilian population 18 years and over

Availability: 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

2000: SF3 (Sample-Based Data), P39

2008-12 ACS: (Sample-Based Data), B21001

2008-12 ACS: (Sample-Based Data), B21001

vetXX

Description: veterans

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T37

1980: STF3 (Sample-Based Data), T51

1990: STF3 (Sample-Based Data), P64

2000: SF3 (Sample-Based Data), P39

2008-12 ACS: (Sample-Based Data), B21001

2015-19 ACS: (Sample-Based Data), B21001

Notes: In 1970, the variable includes civilian men age 16 and older. In 1980 and 1990, the variable includes men and women age 16 and older. In 2000, 2008-12 ACS, and 2015-19 ACS, the variable includes men and women age 18 and older.

cni16uXX

Description: civilian non-institutionalized persons 16-64 years old

Availability: 1970, 1980, 1990, 2000

Census data sources:

1970: Count 4 (Sample-Based Data), T52

1980: STF3 (Sample-Based Data), T53

1990: STF3 (Sample-Based Data), P68

2000: SF3 (Sample-Based Data), P42

Notes: In 1970, Persons 16-64 Years Old Not Inmates and Not Attending School. In 1980, Non-institutional Persons 16 to 64 Years. In 1990, Civilian Non-institutionalized persons 16 years and over. In 2000, Civilian Non-institutionalized Population 16 to 64 Years.

disXX

Description: disabled

Availability: 1970, 1980, 1990, 2000

Census data sources:

1970: Count 4 (Sample-Based Data), T52

1980: STF3 (Sample-Based Data), T53

1990: STF3 (Sample-Based Data), P68

2000: SF3 (Sample-Based Data), P42

hincXX

Description: Median household income

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T121

1980: STF3 (Sample-Based Data), T69

1990: STF3 (Sample-Based Data), P80A

2000: SF3 (Sampled-Based Data), P53

2008-12 ACS: (Sample-Based Data), B19013

2015-19 ACS: (Sample-Based Data), B19013

Notes: In 1970, the universe is families and unrelated individuals, and the number is interpolated. In 1980 and later years, the universe is households.

hhXX

Description: total households in sample-based data

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T121

1980: STF3 (Sample-Based Data), T68
1990: STF3 (Sample-Based Data), P80
2000: SF3 (Sampled-Based Data), P10
2008-12 ACS: (Sample-Based Data), B19001
2015-19 ACS: (Sample-Based Data), B19001

hincwXX

Description: Median household income for whites
Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T75
1990: STF3 (Sample-Based Data), P82
2000: SF3 (Sampled-Based Data), P152
2008-12 ACS: (Sample-Based Data), B19013H
2015-19 ACS: (Sample-Based Data), B19013H

hhwXX

Description: total white households in sample-based data
Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T75
1990: STF3 (Sample-Based Data), P82
2000: SF3 (Sampled-Based Data), P146
2008-12 ACS: (Sample-Based Data), B19001H
2015-19 ACS: (Sample-Based Data), B19001H

hincbXX

Description: Median household income for blacks
Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T75
1990: STF3 (Sample-Based Data), P82
2000: SF3 (Sampled-Based Data), P152
2008-12 ACS: (Sample-Based Data), B19013B
2015-19 ACS: (Sample-Based Data), B19013B

hhbXX

Description: total black households in sample-based data
Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T75
1990: STF3 (Sample-Based Data), P82
2000: SF3 (Sampled-Based Data), P146
2008-12 ACS: (Sample-Based Data), B19001B
2015-19 ACS: (Sample-Based Data), B19001B

hinchXX

Description: Median household income for Hispanics

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T76

1990: STF3 (Sample-Based Data), P83

2000: SF3 (Sampled-Based Data), P152

2008-12 ACS: (Sample-Based Data), B19013I

2015-19 ACS: (Sample-Based Data), B19013I

hhhXX

Description: total Hispanic households in sample-based data

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T76

1990: STF3 (Sample-Based Data), P83

2000: SF3 (Sampled-Based Data), P146

2008-12 ACS: (Sample-Based Data), B19001I

2015-19 ACS: (Sample-Based Data), B19001I

hincaXX

Description: Median household income for Asians and Pacific Islanders

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T75

1990: STF3 (Sample-Based Data), P82

2000: SF3 (Sampled-Based Data), P151

2008-12 ACS: (Sample-Based Data), B19001D & B19001E

2015-19 ACS: (Sample-Based Data), B19001D & B19001E

Noted: For 2008-2012 ACS and 2015-19 ACS, this variable represents the weighted average for Asians and Pacific Islanders based on population.

hhaXX

Description: total Asian/Pacific Islander households in sample-based data

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T75

1990: STF3 (Sample-Based Data), P82

2000: SF3 (Sampled-Based Data), P146

2008-12 ACS: (Sample-Based Data), B19001D & B19001E

2015-19 ACS: (Sample-Based Data), B19001D & B19001E

incpcXX

Description: Per capita income

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T5 & T77

1980: STF3 (Sample-Based Data), T85A

1990: STF3 (Sample-Based Data), P114A

2000: SF3 (Sampled-Based Data), P82

2008-12 ACS: (Sample-Based Data), B19301

2015-19 ACS: (Sample-Based Data), B19301

Notes: In 1970, per capita income is calculated by dividing the aggregate personal income by the total population 14 years and over.

dpovXX

Description: persons for whom poverty status is determined

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T17

1980: STF3 (Sample-Based Data), T91A

1990: STF3 (Sample-Based Data), P117

2000: SF3 (Sampled-Based Data), P87

2008-12 ACS: (Sample-Based Data), B17001

2015-19 ACS: (Sample-Based Data), B17001

Notes: This variable serves as the denominator for calculating poverty rate.

In 1970, the universe is the total population from the Sex by Age table in the sample data.

npovXX

Description: persons in poverty

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T83 & T89

1980: STF3 (Sample-Based Data), T91A

1990: STF3 (Sample-Based Data), P117

2000: SF3 (Sampled-Based Data), P87

2008-12 ACS: (Sample-Based Data), B17001

2015-19 ACS: (Sample-Based Data), B17001

Notes: In 1970, the count is the sum of persons in families below poverty level and unrelated individuals 14 years and over below poverty level.

n65povXX

Description: persons 65 years and older in poverty

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T90

1980: STF3 (Sample-Based Data), T93

1990: STF3 (Sample-Based Data), P117

2000: SF3 (Sampled-Based Data), P87

2008-12 ACS: (Sample-Based Data), B17001
2015-19 ACS: (Sample-Based Data), B17001

dfmpovXX

Description: families for whom poverty status is determined
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:

1970: Count 4 (Sample-Based Data), T84
1980: STF3 (Sample-Based Data), T86A
1990: STF3 (Sample-Based Data), P123
2000: SF3 (Sampled-Based Data), P90
2008-12 ACS: (Sample-Based Data), B17010
2015-19 ACS: (Sample-Based Data), B17010

Notes: This variable serves as the denominator for calculating the poverty rate of families with children. In 1970, the universe is total families in the sample data.

nfmповXX

Description: families with children in poverty
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:

1970: Count 4 (Sample-Based Data), T84
1980: STF3 (Sample-Based Data), T86A
1990: STF3 (Sample-Based Data), P123
2000: SF3 (Sampled-Based Data), P90
2008-12 ACS: (Sample-Based Data), B17010
2015-19 ACS: (Sample-Based Data), B17010

dwpovXX

Description: white persons for whom poverty status is determined
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:

1970: Count 4 (Sample-Based Data), T105
1980: STF3 (Sample-Based Data), T91B
1990: STF3 (Sample-Based Data), P119
2000: SF3 (Sampled-Based Data), P159
2008-12 ACS: (Sample-Based Data), B17020H
2015-19 ACS: (Sample-Based Data), B17020H

Notes: In 1970, the universe is total whites in the sample data.

nwpovXX

Description: whites in poverty
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS
Census data sources:

1970: Count 4 (Sample-Based Data), T83 & T89 (race-specific tables)

1980: STF3 (Sample-Based Data), T91B
1990: STF3 (Sample-Based Data), P119
2000: SF3 (Sampled-Based Data), P159
2008-12 ACS: (Sample-Based Data), B17020H
2015-19 ACS: (Sample-Based Data), B17020H

Notes: In 1970, the count is the sum of whites in families below poverty level and unrelated white Individuals 14 years and over below poverty level.

dbpovXX

Description: black persons for whom poverty status is determined
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T105
1980: STF3 (Sample-Based Data), T91B
1990: STF3 (Sample-Based Data), P119
2000: SF3 (Sampled-Based Data), P159
2008-12 ACS: (Sample-Based Data), B17020B
2015-19 ACS: (Sample-Based Data), B17020B

Notes: In 1970, the universe is total blacks in the sample data.

nbpovXX

Description: blacks in poverty
Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T83 & T89 (race-specific tables)
1980: STF3 (Sample-Based Data), T91B
1990: STF3 (Sample-Based Data), P119
2000: SF3 (Sampled-Based Data), P159
2008-12 ACS: (Sample-Based Data), B17020B
2015-19 ACS: (Sample-Based Data), B17020B

Notes: In 1970, the count is the sum of blacks in families below poverty level and unrelated black Individuals 14 years and over below poverty level.

dhpovXX

Description: Hispanics for whom poverty status is determined
Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1980: STF3 (Sample-Based Data), T92C
1990: STF3 (Sample-Based Data), P120
2000: SF3 (Sampled-Based Data), P159
2008-12 ACS: (Sample-Based Data), B17020I
2015-19 ACS: (Sample-Based Data), B17020I

nhpovXX

Description: Hispanics in poverty
Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

- 1980: STF3 (Sample-Based Data), T92C
- 1990: STF3 (Sample-Based Data), P120
- 2000: SF3 (Sampled-Based Data), P159
- 2008-12 ACS: (Sample-Based Data), B17020I
- 2015-19 ACS: (Sample-Based Data), B17020I

dnapovXX

Description: Native American for whom poverty status is determined

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

- 1980: STF3 (Sample-Based Data), T91B
- 1990: STF3 (Sample-Based Data), P119
- 2000: SF3 (Sampled-Based Data), P159
- 2008-12 ACS: (Sample-Based Data), B17020C
- 2015-19 ACS: (Sample-Based Data), B17020C

Notes: In 1980 and 1990, “American Indian, Eskimo, and Aleut”

In 2000 census and 2008-12 ACS, “American Indian and Alaska Native alone”

nnapovXX

Description: Native Americans in poverty

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

- 1980: STF3 (Sample-Based Data), T91B
- 1990: STF3 (Sample-Based Data), P119
- 2000: SF3 (Sampled-Based Data), P159
- 2008-12 ACS: (Sample-Based Data), B17020C
- 2015-19 ACS: (Sample-Based Data), B17020C

dapovXX

Description: Asians and Pacific Islanders for whom poverty status is determined

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

- 1980: STF3 (Sample-Based Data), T91B
- 1990: STF3 (Sample-Based Data), P119
- 2000: SF3 (Sampled-Based Data), P159
- 2008-12 ACS: (Sample-Based Data), B17020D & B17020E
- 2015-19 ACS: (Sample-Based Data), B17020D & B17020E

napovXX

Description: Asians and Pacific Islanders in poverty

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

- 1980: STF3 (Sample-Based Data), T91B
- 1990: STF3 (Sample-Based Data), P119
- 2000: SF3 (Sampled-Based Data), P159

2008-12 ACS: (Sample-Based Data), B17020D
2015-19 ACS: (Sample-Based Data), B17020D

Variable Group 4: Housing, Age, and Marital Status
huXX

Description: housing units

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T30
1980: STF1 (100% Data), T5
1990: STF1 (100% Data), H1
2000: SF1 (100% Data), H1
2010: SF1 (100% Data), H1
2008-12 ACS: (Sample-Based Data), B25002
2015-19 ACS: (Sample-Based Data), B25002

Notes: In 1970 and 1980, the universe is “all year-round housing units (occupied units plus vacant year-round).”

vacXX

Description: vacant housing units

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

ACS Census data sources:

1970: Count 2 (100% Data), T30
1980: STF1 (100% Data), T5
1990: STF1 (100% Data), H2
2000: SF1 (100% Data), H3
2010: SF1 (100% Data), H3
2008-12 ACS: (Sample-Based Data), B25002
2015-19 ACS: (Sample-Based Data), B25002

Notes: In 1970 and 1980, the universe is all vacant year-round units.

ohuXX

Description: occupied housing units

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2019-15 ACS

Census data sources:

1970: Count 2 (100% Data), T30
1980: STF1 (100% Data), T5
1990: STF1 (100% Data), H2

2000: SF1 (100% Data), H4
2010: SF1 (100% Data), H4
2008-12 ACS: (Sample-Based Data), B25003
2015-19 ACS: (Sample-Based Data), B25003

Notes: In 1970 and 1980, the universe is occupied year-round units.

ownXX

Description: owner-occupied housing units

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T31A
1980: STF1 (100% Data), T26
1990: STF1 (100% Data), H3
2000: SF1 (100% Data), H4
2010: SF1 (100% Data), H4
2008-12 ACS: (Sample-Based Data), B25003
2015-19 ACS: (Sample-Based Data), B25003

rentXX

Description: renter-occupied housing units

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-2019 ACS

Census data sources:

1970: Count 2 (100% Data), T31A
1980: STF1 (100% Data), T26
1990: STF1 (100% Data), H3
2000: SF1 (100% Data), H4
2010: SF1 (100% Data), H4
2008-12 ACS: (Sample-Based Data), B25003

dmultiXX

Description: total housing units

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T38A
1980: STF3 (Sample-Based Data), T102A
1990: STF3 (Sample-Based Data), H20
2000: SF3 (Sampled-Based Data), H1
2008-12 ACS: (Sample-Based Data), B25024
2015-19 ACS: (Sample-Based Data), B25024

Notes: This variable serves as the denominator for calculating the percentage of housing units in multi-unit structures. In 1970 and 1980, the universe is “all year-round housing units (occupied units plus vacant year-round).”

multiXX

Description: housing units in multi-unit structures

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T38A
1980: STF3 (Sample-Based Data), T102A
1990: STF3 (Sample-Based Data), H20
2000: SF3 (Sampled-Based Data), H30
2008-12 ACS: (Sample-Based Data), B25024
2015-19 ACS: (Sample-Based Data), B25024

huXXsp

Description: housing units in sample-based data

Availability: 1970, 1980, 1990, 2000

Census data sources:

1970: Count 4 (Sample-Based Data), T8A
1980: STF3 (Sample-Based Data), T109A
1990: STF3 (Sample-Based Data), H25
2000: SF3 (Sampled-Based Data), H1

Notes: In 1970 and 1980, the universe is year-round housing units.

mhmvalXX

Description: Median home value

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T46A 1980: STF1 (100% Data), T39
1990: STF1 (100% Data), H23B
2000: SF3 (Sampled-Based Data), H85
2008-12 ACS: (Sample-Based Data), B25077
2015-19 ACS: (Sample-Based Data), B25077

Notes: The universe is owner-occupied housing units. In 1970, the median home value is interpolated.

mrentXX

Description: Median monthly contract rent

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T47A 1980: STF1 (100% Data), T44
1990: STF1 (100% Data), H32B
2000: SF3 (Sampled-Based Data), H56
2008-12 ACS: (Sample-Based Data), B25058
2015-19 ACS: (Sample-Based Data), B25058

Notes: The universe is renter-occupied housing units. In 1970, the median rent is interpolated.

h30oldXX

Description: structures built more than 30 years ago

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T8A

1980: STF3 (Sample-Based Data), T109A

1990: STF3 (Sample-Based Data), H25

2000: SF3 (Sampled-Based Data), H34

2008-12 ACS: (Sample-Based Data), B25034

2015-19 ACS: (Sample-Based Data), B25034

Notes: In the 2008-12 ACS, this includes structures built in 1980 or earlier. In the 2015-19 ACS, this includes structures built in 1990 or earlier.

ohuXXsp

Description: occupied housing units in sample-based data

Availability: 1970, 1980, 1990, 2000

Census data sources:

1970: Count 4 (Sample-Based Data), T10A

1980: STF3 (Sample-Based Data), T110A

1990: STF3 (Sample-Based Data), H28

2000: SF3 (Sampled-Based Data), H6

h10yrsXX

Description: household heads moved into unit less than 10 years ago

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T10A

1980: STF3 (Sample-Based Data), T110A

1990: STF3 (Sample-Based Data), H28

2000: SF3 (Sampled-Based Data), H38

2008-12 ACS: (Sample-Based Data), B25038

2015-19 ACS: (Sample-Based Data), B25038

Note: In the 2008-12 ACS, this includes householders who moved in 2000 or later. For the 2015-19 ACS, this includes householder who moved in 2010 or later.

a18undXX

Description: persons age 17 years and under

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T2A

1980: STF1 (100% Data), T10

1990: STF1 (100% Data), P11

2000: SF1 (100% Data), P12

2010: SF1 (100% Data), P12
2008-12 ACS: (Sample-Based Data), B01001
2015-19 ACS: (Sample-Based Data), B01001

a60upXX

Description: persons age 60 years and over

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T2A
1980: STF1 (100% Data), T10
1990: STF1 (100% Data), P11
2000: SF1 (100% Data), P12
2010: SF1 (100% Data), P12
2008-12 ACS: (Sample-Based Data), B01001
2015-19 ACS: (Sample-Based Data), B01001

a75upXX

Description: persons age 75 years and over

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T2A
1980: STF1 (100% Data), T10
1990: STF1 (100% Data), P11
2000: SF1 (100% Data), P12
2010: SF1 (100% Data), P12
2008-12 ACS: (Sample-Based Data), B01001
2015-19 ACS: (Sample-Based Data), B01001

ag15upXX

Description: population 15 years and over

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T5A
1980: 1990: STF1 (100% Data), T14
1990: STF1 (100% Data), P14
2000: SF3 (Sample-Based Data), P18
2008-12 ACS: (Sample-Based Data), B12001
2015-19 ACS: (Sample-Based Data), B12001

Notes: this serves as the universe for tabulation of marital status. In 1970, this includes the population 14 years and over.

marXX

Description: currently married (excluding separated)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T5A
1980: STF1 (100% Data), T14
1990: STF1 (100% Data), P14
2000: SF3 (Sample-Based Data), P18
2008-12 ACS: (Sample-Based Data), B12001
2015-19 ACS: (Sample-Based Data), B12001

wdsXX

Description: widowed, divorced, and separated

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 2 (100% Data), T5A
1980: STF1 (100% Data), T14
1990: STF1 (100% Data), P14
2000: SF3 (Sample-Based Data), P18
2008-12 ACS: (Sample-Based Data), B12001
2015-19 ACS: (Sample-Based Data), B12001

Notes: The count is the sum of men and women in the categories of “Widowed”, “Divorced”, or “Separated”.

familyXX

Description: total families

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T19
1980: STF3 (Sample-Based Data), T9
1990: STF3 (Sample-Based Data), P4
2000: SF1 (100% Data), P31
2010: SF1 (100% Data), P35
2008-12 ACS: (Sample-Based Data), B17010
2015-19 ACS: (Sample-Based Data), B17010

Notes: This variable serves as the denominator for calculating the percentage of female-headed families with children.

fhhXX

Description: female-headed families with children

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Census data sources:

1970: Count 4 (Sample-Based Data), T19
1980: STF3 (Sample-Based Data), T86
1990: STF3 (Sample-Based Data), P123
2000: SF1 (100% Data), P35
2010: SF1 (100% Data), P39
2008-12 ACS: (Sample-Based Data), B17010
2015-19 ACS: (Sample-Based Data), B17010

Notes: In 1970, it is “Family with female head, own children under 18 years”.
In 1980, it is “Family with female householder, no husband present, with related children under 18 years”. In 1990, 2000, and 2010 and 2008-12 ACS, it is “Other family: Female householder, no husband present: With related children under 18 years”.

Section II: Variables available in the LTDB map system

[Most of these variables are constructed from counts listed in Section 1.]

Variable Group 1: Race and Age by Race

pwhiteXX

Description: percentage of persons of white race

Percentage calculation:

Numerator: whiteXX

Denominator: popXX

Availability: 1970 only

pnhwhtXX

Description: percentage of persons of white race, not Hispanic origin

Percentage calculation:

Numerator: nhwhtXX

Denominator: popXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pblackXX

Description: percentage of persons of black race

Percentage calculation:

Numerator: blackXX

Denominator: popXX

Availability: 1970 only

pnhblkXX

Description: percentage of persons of black race, not Hispanic origin

Percentage calculation:

Numerator: nhblkXX

Denominator: popXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

phispXX

Description: percentage of persons of Hispanic origin

Percentage calculation:

Numerator: hispXX

Denominator: popXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pntvXX

Description: percentage of persons of Native American race

Percentage calculation:

Numerator: nvtXX

Denominator: popXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS

pasianXX

Description: percentage of persons of Asian race (and Pacific Islander)

Percentage calculation:

Numerator: asianXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

phawXX

Description: percentage of persons of Hawaiian race

Percentage calculation:

Numerator: hawXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pindiaXX

Description: percentage of persons of Asian Indian race

Percentage calculation:

Numerator: indiaXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pchinaXX

Description: percentage of persons of Chinese race

Percentage calculation:

Numerator: chinaXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pfilipXX

Description: percentage of persons of Filipino race

Percentage calculation:

Numerator: filipXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pjapanXX

Description: percentage of persons of Japanese race

Percentage calculation:

Numerator: japanXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pkoreaXX

Description: percentage of persons of Korean race

Percentage calculation:

Numerator: koreaXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pvietXX

Description: percentage of persons of Vietnamese race

Percentage calculation:

Numerator: vietXX

Denominator: popXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

div_genXX**div_detXX**

Description: categories of diversity of county or tract residents, based on presence or absence of whites, blacks, Hispanic, or Asians.

Availability: 1980, 1990, 2000, 2010

Notes: See <https://s4.ad.brown.edu/Projects/Diversity/Researcher/MapLTDB.htm> for a more complete explanation of construction of these categorical variables.

p15whtXX

Description: percentage of 0-15 years old of white race (in 1980, percentage of 0-14 years old of white race; in 2008-12 ACS, percentage of 0-14 years old of white race)

Percentage calculation:

Numerator: a15whtXX

Denominator: agewhtXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

p60whtXX

Description: percentage of 60 years and older of white race

Percentage calculation:

Numerator: a60whtXX

Denominator: agewhtXX

Availability: 1970, 1980, 1990, 2000, 2010

p65whtXX

Description: percentage of 65 years and older of non-Hispanic whites

Percentage calculation:

Numerator: a65whtXX

Denominator: agewhtXX

Availability: 2008-12 ACS, 2015-19 ACS

p15blkXX

Description: percentage of 0-15 years old of black race (in 1980, percentage of 0-14 years old of black race; in 2008-12 ACS, percentage of 0-14 years old of black race)

Percentage calculation:

Numerator: a15blkXX

Denominator: ageblkXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

p60blkXX

Description: percentage of 60 years and older of black race

Percentage calculation:

Numerator: a60blkXX

Denominator: ageblkXX

Availability: 1970, 1980, 1990, 2000, 2010

p65blkXX

Description: percentage of 65 years and older of black race

Percentage calculation:

Numerator: a65blkXX

Denominator: ageblkXX

Availability: 2008-12 ACS, 2015-19 ACS

p15hspXX

Description: percentage of 0-15 years old, persons of Hispanic origins

Percentage calculation:

Numerator: a15hspXX

Denominator: agehspXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

Note: In 1980, 2009-12 ACS, and 2015-19 ACS percentage of 0-14 years old, persons of Hispanic origin.

p60hspXX

Description: percentage of 60 years and older, persons of Hispanic origins

Percentage calculation:

Numerator: a60hspXX

Denominator: agehspXX

Availability: 1980, 1990, 2000, 2010

p65hspXX

Description: percentage of 65 years and older, persons of Hispanic origins

Percentage calculation:

Numerator: a65hspXX

Denominator: agehspXX

Availability: 2008-12 ACS, 2015-19 ACS

p15ntvXX

Description: percentage of 0-15 years old of Native American race (in 1980, percentage of 0-14 years old of Native American race; in 2008-12 ACS, percentage of 0-14 years old of Native American race)

Percentage calculation:

Numerator: a15ntvXX

Denominator: agentvXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

p60ntvXX

Description: percentage of 60 years and older of Native American race

Percentage calculation:

Numerator: a60ntvXX

Denominator: agentvXX

Availability: 1980, 1990, 2000, 2010

p65ntvXX

Description: percentage of 65 years and older of Native American race Percentage calculation:

Numerator: a65ntvXX

Denominator: agentvXX

Availability: 2008-12 ACS, 2015-19 ACS

p15asnXX

Description: percentage of 0-15 years old of Asians and Pacific Islanders (in 1980, percentage of 0-14 years old of Asians/Pacific Islanders; in 2008-12 ACS, percentage of 0-14 years old of Asian/Pacific Islander race)

Percentage calculation:

Numerator: a15asnXX

Denominator: ageasnXX

Availability: 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

p60asnXX

Description: percentage of 60 years and older of Asians and Pacific Islanders

Percentage calculation:

Numerator: a60asnXX

Denominator: ageasnXX

Availability: 1980, 1990, 2000, 2010

p65asnXX

Description: percentage of 65 years and older of Asians and Pacific Islanders

Percentage calculation:

Numerator: a65asnXX

Denominator: ageasnXX

Availability: 2008-12 ACS, 2015-19 ACS

Variable Group 2: Ethnicity and Immigration

pmexXX

Description: percentage of Mexicans

Percentage calculation:

Numerator: mexXX

Denominator: popXXsp (1970);
popXX (1980 and later years)

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pcubanXX

Description: percentage of Cubans Percentage calculation:

Numerator: cubanXX

Denominator: popXXsp (1970);
popXX (1980 and later years)

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pprXX

Description: percentage of Puerto Ricans

Percentage calculation:

Numerator: prXX

Denominator: popXXsp (1970);
popXX (1980 and later years)

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pruancXX

Description: percentage of persons of Russian/USSR parentage or ancestry

Percentage calculation:

Numerator: ruancXX

Denominator: popXXsp2 (1970)
popXXsf3 (1980, 1990, 2000)
popXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pitancXX

Description: percentage of persons of Italian parentage or ancestry

Percentage calculation:

Numerator: itancXX

Denominator: popXXsp2 (1970)
popXXsf3 (1980, 1990, 2000)
popXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pgeancXX

Description: percentage of persons of German parentage or ancestry

Percentage calculation:

Numerator: geancXX

Denominator: popXXsp2 (1970)
popXXsf3 (1980, 1990, 2000)
popXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pirancXX

Description: percentage of persons of Irish parentage or ancestry

Percentage calculation:

Numerator: irancXX

Denominator: popXXsp2 (1970)
popXXsf3 (1980, 1990, 2000)
popXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pscancXX

Description: percentage of persons of Scandinavian parentage/ancestry (Finnish, Swedish, Danish, Norwegian)

Percentage calculation:

Numerator: scancXX

Denominator: popXXsp2 (1970)
popXXsf3 (1980, 1990, 2000)
popXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pfbXX

Description: percentage of foreign-born Percentage calculation:

Numerator: fbXX

Denominator: popXXsp1 (1970)
dfb80 (1980)
popXXsf3 (1990, 2000)
popXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

p10immXX

Description: percentage of recent immigrants (within the past 10 years) (in 2008-12 ACS, the foreign-born who entered the U.S. 2000 or later)

Percentage calculation:

Numerator: n10immXX

Denominator: popXXsp1 (1970)
popXXsf4 (1980)
popXXsf3 (1990, 2000)
popXX (2008-12 ACS, 2015-19 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pnatXX

Description: percentage of naturalized foreign-born

Percentage calculation:

Numerator: natXX

Denominator: popXXsp1 (1970)

popXXsf4 (1980)

popXXsf3 (1990, 2000)

popXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

polangXX

Description: percentage of persons who speak language other than English at home

Percentage calculation:

Numerator: olangXX

Denominator: ag5upXX

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

plepXX

Description: percentage of persons who speak English not well

Percentage calculation:

Numerator: lepXX

Denominator: ag5upXX

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

prufbXX

Description: percentage of persons who were born in Russia/ USSR

Percentage calculation:

Numerator: rufbXX

Denominator: popXXsp2 (1970)

popXXsf4 (1980, 1990)

popXXsf3 (2000)

popXX (2008-12 ACS, 2015-19 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pitfbXX

Description: percentage of persons who were born in Italy

Percentage calculation:

Numerator: itfbXX

Denominator: popXXsp2 (1970)

popXXsf4 (1980, 1990)

popXXsf3 (2000)

popXX (2008-12 ACS, 2015-19 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pgefbXX

Description: percentage of persons who were born in Germany

Percentage calculation:

Numerator: gefbXX

Denominator: popXXsp2 (1970)

popXXsf4 (1980, 1990)

popXXsf3 (2000)

popXX (2008-12 ACS, 2015-19 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, , 2015-19 ACS

pirfbXX

Description: percentage of persons who were born in Ireland

Percentage calculation:

Numerator: irfbXX

Denominator: popXXsp2 (1970)

popXXsf4 (1980, 1990)

popXXsf3 (2000)

popXX (2008-12 ACS, 2015-19 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pscfbXX

Description: percentage of persons who were born in Scandinavian Countries (Swedish, Norwegian, Finnish, Danish)

Percentage calculation:

Numerator: scfbXX

Denominator: popXXsp2 (1970)

popXXsf4 (1980, 1990)

popXXsf3 (2000)

popXX (2008-12 ACS, 2015-19 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Variable Group 3: Socioeconomic Status

[Median income, median income by race and Hispanic origin, per capita income, median home value, and median rent – all listed in Section I – are also included in the LTDB map system.]

p hsXX

Description: percentage of persons with high school degree or less

Percentage calculation:

Numerator: hsXX

Denominator: ag25upXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pcolXX

Variables in LTDB map system

Description: percentage of persons with at least a four-year college degree

Percentage calculation:

Numerator: colXX

Denominator: ag25upXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

punempXX

Description: percent unemployed

Percentage calculation:

Numerator: unempXX

Denominator: clfXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pflabfXX

Description: percentage of females in labor force

Percentage calculation:

Numerator: flabfXX

Denominator: dflabfXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pprofXX

Description: percentage of professional employees (by occupations)

Percentage calculation:

Numerator: profXX

Denominator: empclfXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pmanufXX

Description: percentage of manufacturing employees (by industries)

Percentage calculation:

Numerator: manifXX

Denominator: empclfXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

psempXX

Description: percentage of self-employed

Percentage calculation:

Numerator: sempXX

Denominator: empclfXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pvetXX

Description: percentage of veterans

Percentage calculation:

Numerator: vetXX

Denominator: ag16cvXX (1970, 1980, 1990)

ag18cvXX (2000, 2010, 2008-12 ACS, 2015-19 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pdisXX

Description: percent with disability

Percentage calculation:

Numerator: disXX

Denominator: cni16uXX

Availability: 1970, 1980, 1990, 2000

ppovXX

Description: percent poor

Percentage calculation:

Numerator: npovXX

Denominator: dpovXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

p65povXX

Description: percentage of 65 years and older in poverty

Percentage calculation:

Numerator: n65povXX

Denominator: dpovXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pfmpovXX

Description: percentage of families with children in poverty

Percentage calculation:

Numerator: nfmpovXX

Denominator: dfmpovXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pw povXX

Description: percentage of whites in poverty

Percentage calculation:

Numerator: nw povXX

Denominator: dw povXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pbpovXX

Description: percentage of blacks in poverty

Percentage calculation:

Numerator: nbpovXX

Denominator: dbpovXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

phpovXX

Description: percentage of Hispanics in poverty

Percentage calculation:

Numerator: nhpovXX

Denominator: dhpovXX

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

pnapovXX

Description: percentage of Native Americans in poverty

Percentage calculation:

Numerator: nnapovXX

Denominator: dnapovXX

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

papovXX

Description: percentage of Asian and Pacific Islanders in poverty

Percentage calculation:

Numerator: napovXX

Denominator: dapovXX

Availability: 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Variable Group 4: Housing, Age, and Marital Status**pvacXX**

Description: percentage of vacant housing units

Percentage calculation:

Numerator: vacXX

Denominator: huXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pownXX

Description: percentage of owner-occupied housing units

Percentage calculation:

Numerator: ownXX

Denominator: ohuXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pmultiXX

Description: percentage of housing units in multi-unit structures

Percentage calculation:

Numerator: multiXX

Denominator: dmultiXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

p30oldXX

Description: percentage of structures built more than 30 years ago

Percentage calculation:

Numerator: h30oldXX

Denominator: huXXsp (1970 – 2000)

huXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

p10yrsXX

Description: percentage of household heads moved into unit less than 10 years ago Percentage calculation:

Numerator: h10yrsXX

Denominator: ohuXXsp (1970 – 2000)

ohuXX (2008-12 ACS)

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

p18undXX

Description: percentage of persons age 17 years and under

Percentage calculation:

Numerator: a18undXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

p60upXX

Description: percentage of persons age 60 years and over

Percentage calculation:

Numerator: a60upXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

p75upXX

Description: percentage of persons age 75 years and over

Percentage calculation:

Numerator: a75upXX

Denominator: popXX

Availability: 1970, 1980, 1990, 2000, 2010, 2008-12 ACS, 2015-19 ACS

pmarXX

Description: percent currently married (excluding separated)

Percentage calculation:

Numerator: marXX

Denominator: ag15upXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Notes: In 1970, the universe is persons 14 years and over.

In 1980 and later years, the universe is person 15 years and over.

pwdsXX

Description: percent widowed, divorced, and separated

Percentage calculation:

Numerator: wdsXX

Denominator: ag15upXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

Notes: In 1970, the universe is persons 14 years and over.

In 1980 and later years, the universe is person 15 years and over.

pfhhXX

Description: percentage of female-headed families with children

Percentage calculation:

Numerator: fhhXX

Denominator: familyXX

Availability: 1970, 1980, 1990, 2000, 2008-12 ACS, 2015-19 ACS

**** -999 For Missing values or **denominator** of a fraction is **zero**.

**** PUERTO RICO(state=72) *is not* in the 2012 ACS tract data