Codebook: Longitudinal Tract Data Base

Census Data for 1970-2010 and ACS 2008-2012

Prepared by
Spatial Structures in the Social Sciences (S4)
Brown University

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**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 “10” for 2010; “12” refers to the 2008-2012 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]

<table>
<thead>
<tr>
<th>Variable Label</th>
<th>Variable Name (XX identifies the year)</th>
<th>Variable Availability by Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Race, Age by Race</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% white, non-Hispanic *</td>
<td>pnhwhtXX / pwhiteXX *</td>
<td>✓</td>
</tr>
<tr>
<td>% black, non-Hispanic *</td>
<td>pnhblkXX / pblackXX *</td>
<td>✓</td>
</tr>
<tr>
<td>% Native American race</td>
<td>phispXX</td>
<td></td>
</tr>
<tr>
<td>% Asian and Pacific Islander race</td>
<td>pasianXX</td>
<td></td>
</tr>
<tr>
<td>% Hawaiian race</td>
<td>phawXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Indian birth/race</td>
<td>pindiaXX</td>
<td></td>
</tr>
<tr>
<td>% Chinese birth/race</td>
<td>pchinaXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Filipino birth/race</td>
<td>pfilipXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Japanese birth/race</td>
<td>pjapanXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Korean birth/race</td>
<td>pkoreaaXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Vietnamese race</td>
<td>pvietXX</td>
<td>✓</td>
</tr>
<tr>
<td>Diversity – general (categories)</td>
<td>div_genXX</td>
<td></td>
</tr>
<tr>
<td>Diversity – detailed (categories)</td>
<td>div_detXX</td>
<td>✓</td>
</tr>
<tr>
<td>% 15 and under, non-Hispanic white *</td>
<td>p15whtXX</td>
<td>✓</td>
</tr>
<tr>
<td>% 60 and older, non-Hispanic white *</td>
<td>p60whtXX / p65whtXX *</td>
<td>✓</td>
</tr>
<tr>
<td>% 15 and under, non-Hispanic black *</td>
<td>p15blkXX</td>
<td>✓</td>
</tr>
<tr>
<td>% 60 and older, non-Hispanic black *</td>
<td>p60blkXX / p65blkXX *</td>
<td>✓</td>
</tr>
<tr>
<td>% 15 and under, Hispanic *</td>
<td>p15hspXX</td>
<td>✓</td>
</tr>
<tr>
<td>% 60 and older, Hispanic *</td>
<td>p60hspXX / p65hspXX *</td>
<td>✓</td>
</tr>
<tr>
<td>% 15 and under, Native American *</td>
<td>p15ntvXX</td>
<td>✓</td>
</tr>
<tr>
<td>% 60 and older, Native American *</td>
<td>p60ntvXX / p65ntvXX *</td>
<td>✓</td>
</tr>
<tr>
<td>% 15 and under, Asian/PI *</td>
<td>p15asnXX</td>
<td>✓</td>
</tr>
<tr>
<td>% 60 and older, Asian/PI *</td>
<td>p60asnXX / p65asnXX *</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Ethnicity and Immigration</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Mexican birth/ethnicity</td>
<td>pmexXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Cuban birth/ethnicity</td>
<td>pucubanXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Puerto Rican birth/ethnicity</td>
<td>pprXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Russian/USSR parentage/ancestry</td>
<td>pruancXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Italian parentage/ancestry</td>
<td>pitancXX</td>
<td>✓</td>
</tr>
<tr>
<td>% German parentage/ancestry</td>
<td>pgeancXX</td>
<td>✓</td>
</tr>
<tr>
<td>% Irish parentage/ancestry</td>
<td>pirancXX</td>
<td>✓</td>
</tr>
</tbody>
</table>

Variables in LTDB map system by category and available year
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>% Scandinavian parentage/ancestry</td>
<td>pscancXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% foreign born</td>
<td>pfbXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% Naturalized</td>
<td>pnatXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% immigrated in past 10 years</td>
<td>p10immXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% speaking other language at home, age 5+</td>
<td>polangXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% speaking English not well, age 5+</td>
<td>plepXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% Russian/USSR birth</td>
<td>prufbXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% Italian birth</td>
<td>pitfbXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% German birth</td>
<td>pgefbXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% Irish birth</td>
<td>pirfbXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>% Scandinavian birth</td>
<td>pscfbXX</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Socioeconomic Status**

| % with high school degree or less            | phsXX         |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % 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                     | hinchXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| Median HH income, Hispanics                  | hinchXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| Median HH income, Asian/PI                   | hincaXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| Per capita income                            | incpcXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, total                          | pppovXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, 65+                            | p65povXX      |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, families with children         | pfmpovXX      |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, African Americans              | pbpovXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, whites                         | pwpovXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, Native Americans               | pnapovXX      |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, Hispanics                      | phpovXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |
| % in poverty, Asian/PI                       | papovXX       |                               | ✓    | ✓    | ✓    | ✓    | ✓    | ✓           |

*Variables in LTDB map system by category and available year*
<table>
<thead>
<tr>
<th>Variable Label</th>
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<th>Variable Availability by Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Housing, Age, and Marital Status</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% owner-occupied units</td>
<td>pownXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% vacant units</td>
<td>pvacXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% multi-family units</td>
<td>pmultiXX</td>
<td>✔️</td>
</tr>
<tr>
<td>Median rent</td>
<td>mrentXX</td>
<td>✔️</td>
</tr>
<tr>
<td>Median home value</td>
<td>mhmvalXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% structures more than 30 years old</td>
<td>p30oldXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% HH in neighborhood 10 years or less</td>
<td>p10yrsXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% 17 and under, total</td>
<td>p18undXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% 60 and older, total</td>
<td>p60upXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% 75 and older, total</td>
<td>p75upXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% currently married, not separated</td>
<td>pmarXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% widowed, divorced and separated</td>
<td>pwdsXX</td>
<td>✔️</td>
</tr>
<tr>
<td>% female-headed families with children</td>
<td>pfhhXX</td>
<td>✔️</td>
</tr>
</tbody>
</table>

*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
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

**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
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
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 and 2010 censuses and 2008-12 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
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
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 and 2010 censuses where multiple racial identities are allowed, the race categories of “black alone” and “black in combination with other races” is used in combination with the Hispanic origin of “not Hispanic” to define this variable.

In the 2008-12 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
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

ntvXX
Description: persons of Native American race
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
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 and 2010 censuses and 2008-12 ACS, 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)  
**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  
**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 and 2010, 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, 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  
**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  
**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 and 2010 censuses and 2008-12 ACS, the race category of “Native Hawaiian” under the larger group of “Native Hawaiian and Other Pacific Islander (NHPI) Alone” race is used to define this variable.
**indiaXX**
Description: persons of Asian Indian race
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
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 censuses and 2008-12 ACS, “Asian Indian” race under the larger category of “Asian Alone or in Combination with One or More Races” is used.

**chinaXX**
Description: persons of Chinese race
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
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” race under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010 censuses and 2008-12 ACS, the race 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.

**filipXX**
Description: persons of Filipino race
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
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” race under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010 censuses and 2008-12 ACS, “Filipino” race under the larger category of “Asian Alone or in Combination with One or More Races” is used.

**japanXX**  
Description: persons of Japanese race  
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  
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” race under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010 censuses and 2008-12 ACS, “Japanese” race under the larger category of “Asian Alone or in Combination with One or More Races” is used.

**koreaXX**  
Description: persons of Korean race  
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  
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” race under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010 censuses and 2008-12 ACS, “Korean” race under the larger category of “Asian Alone or in Combination with One or More Races” is used.

**vietXX**  
Description: persons of Vietnamese race  
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  

Variables in LTDB downloadable files
Notes: There is no Hispanic iteration for this variable in any year. In 1980 and 1990, “Vietnamese” race under the larger category of “Asian and Pacific Islander” is used. In 2000 and 2010 censuses and 2008-12 ACS, “Vietnamese” race under the larger category of “Asian Alone or in Combination with One or More Races” 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.
Notes: See [https://s4.ad.brown.edu/Projects/Diversity/Researcher/MapLTDB2.htm](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
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
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 (in 1980, 0-14 years old of white race; in 2006-10 ACS, 0-14 years old of white race)
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
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.
**a60whtXX**  
Description: 60 years and older of white race  
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  
Census data sources:  
2008-12 ACS: (Sample-Based Data), B01001H

**ageblkXX**  
Description: black population with known age distribution  
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  
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 (in 1980, 0-14 years old of black race; in 2006-10 ACS, 0-14 years old of black race)  
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  
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.
**a60blkXX**  
Description: 60 years and older of black race  
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  
Census data sources:  
  2008-12 ACS: (Sample-Based Data), B01001B

**agehspXX**  
Description: Hispanic population with known age distribution  
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

**a15hspXX**  
Description: 0-15 years old, persons of Hispanic origins (in 1980, 0-14 years old, persons of Hispanic origin; in 2008-12 ACS, 0-14 years old, persons of Hispanic origins)  
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

**a60hspXX**  
Description: 60 years and older, persons of Hispanic origins  
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

*Variables in LTDB downloadable files*
**a65hspXX**  
Description: 65 years and older, persons of Hispanic origins  
Availability: 2008-12 ACS  
Census data sources:  
   2008-12 ACS: (Sample-Based Data), B01001I

**agentvXX**  
Description: Native American population with known age distribution  
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  
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)  
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  
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  
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  
Census data sources:  
   2008-12 ACS: (Sample-Based Data), B01001C

*Variables in LTDB downloadable files*
**ageasnXX**

Description: Asian and Pacific Islander population with known age distribution
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
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)
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 & B01001E1
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
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
Census data sources:
- 2008-12 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  
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


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

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


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

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


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

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
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
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.

itancXX
Description: persons of Italian parentage or ancestry
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
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, and 2008-12 ACS, those who reported first ancestry of “Italian” are counted.

gerancXX
Description: persons of German parentage or ancestry
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
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.
**irancXX**
Description: persons of Irish parentage or ancestry
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
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.

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

**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
Census data sources:
- 1970: Count 4 (Sample-Based Data), T25
- 1980: STF3 (Sample-Based Data), T33
- 1990: STF3 (Sample-Based Data), P36

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2000: SF3 (Sample-Based Data), P21
2008-12 ACS: (Sample-Based Data), B05002

**n10immXX**  
Description: recent immigrants (within the past 10 years)  
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  
Notes: the count is from the “year of immigration” table.

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

**ag5upXX**  
Description: persons 5 years and over  
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  
Notes: This variable serves as the universe for tabulating individuals’ English speaking ability.

**olangXX**  
Description: persons who speak language other than English at home  
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

*Variables in LTDB downloadable files*
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
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
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
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
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, the count is the category of “Russia” from “Place of Birth” table. In 2008-12 ACS, the numerator is the category of “Russia” from the “Place of Birth” table.

**itfbXX**
Description: persons who were born in Italy
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
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
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
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
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
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)
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
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 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
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
Notes: this variable serves as the universe for tabulation of educational attainment

**hsXX**
Description: persons with high school degree or less
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

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

**clfXX**
Description: civilian labor force 16 years and over
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

**unempXX**
Description: unemployed

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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

**dflabfXX**
Description: females 16 years and over, except in armed forces
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
Notes: this variable serves as the universe for tabulation of females in labor force.

**flabfXX**
Description: females in labor force
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

**empclfXX**
Description: employed persons 16 years and over
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
profXX
Description: professional employees (by occupations)
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
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.” In 2000 census and 2008-12 ACS, employed persons in “Management, professional, and related occupations”

manufXX
Description: manufacturing employees (by industries)
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

sempXX
Description: self-employed
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
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” and “Unpaid family worker” from the “Class of Worker” table.
**ag16cvXX**  
Description: civilian population 16 years and over (in 1970, civilian males 16 years and over)  
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  
Census data sources:  
2000: SF3 (Sample-Based Data), P39  
2008-12 ACS: (Sample-Based Data), B21001

**vetXX**  
Description: veterans  
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  

**cni16uXX**  
Description: civilian non-institutionalized persons 16-64 years old  
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  
Universe:  
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
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
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
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
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

**hincwXX**
Description: Median household income for whites
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

*Variables in LTDB downloadable files*
**hhwXX**
Description: total white households in sample-based data  
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

**hincbXX**
Description: Median household income for blacks  
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), B19013B

**hhbXX**
Description: total black households in sample-based data  
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

**hinchXX**
Description: Median household income for Hispanics  
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

**hhhXX**
Description: total Hispanic households in sample-based data  
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
**hincaXX**
Description: Median household income for Asians and Pacific Islanders
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

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

**incpcXX**
Description: Per capita income
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
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
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
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
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
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
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

dfmpovXX
Description: families for whom poverty status is determined
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
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.

nfmpovXX
Description: families with children in poverty
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
**dwpovXX**
Description: white persons for whom poverty status is determined
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
Notes: In 1970, the universe is total whites in the sample data.

**nwpovXX**
Description: whites in poverty
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
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
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
Notes: In 1970, the universe is total blacks in the sample data.

**nbpovXX**
Description: blacks in poverty
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
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
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

**nhpovXX**
Description: Hispanics in poverty
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

**dnapovXX**
Description: Native American for whom poverty status is determined
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
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
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

**dapovXX**
Description: Asians and Pacific Islanders for whom poverty status is determined
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
**napovXX**  
Description: Asians and Pacific Islanders in poverty  
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

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

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

**vacXX**  
Description: vacant housing units  
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  
Notes: In 1970 and 1980, the universe is all vacant year-round units.
**ohuXX**
Description: occupied housing units
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
Notes: In 1970 and 1980, the universe is occupied year-round units.

**ownXX**
Description: owner-occupied housing units
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

**rentXX**
Description: renter-occupied housing units
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: housing units
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
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
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

**huXXsp**
Description: housing units in sample-based data
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
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
Notes: The universe is owner-occupied housing units. In 1970, the median home value is interpolated.

**mrentXX**
Description: Median monthly contract rent
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
Notes: The universe is renter-occupied housing units. In 1970, the median rent is interpolated.

Variables in LTDB downloadable files
**h30oldXX**
Description: structures built more than 30 years ago (in 2008-12 ACS, structures built 1979 or earlier)
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

**ohuXXsp**
Description: occupied housing units in sample-based data
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

**h10vrsXX**
Description: household heads moved into unit less than 10 years ago (in 2008-12 ACS, householders moved in 2000 or later)
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

**a18undXX**
Description: persons age 17 years and under
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

*Variables in LTDB downloadable files*
a60upXX
Description: persons age 60 years and over
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

a75upXX
Description: persons age 75 years and over
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

ag15upXX
Description: population 15 years and over (in 1970, population 14 years and over)
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
Notes: this serves as the universe for tabulation of marital status.

marXX
Description: currently married (excluding separated)
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

Variables in LTDB downloadable files
**wdsXX**
Description: widowed, divorced, and separated
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
Notes: The count is the sum of men and women in the categories of “Widowed”, “Divorced”, or “Separated”.

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

**fhhXX**
Description: female-headed families with children
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
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 censuses and 2008-12 ACS, it is “Other family: Female householder, no husband present: With related children under 18 years”.

*Variables in LTDB downloadable files*
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

**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

**phispXX**
Description: percentage of persons of Hispanic origin
Percentage calculation:
   Numerator: hispXX
   Denominator: popXX

**pntvXX**
Description: percentage of persons of Native American race
Percentage calculation:
   Numerator: nvtXX
   Denominator: popXX
**pasianXX**  
Description: percentage of persons of Asian race (and Pacific Islander)  
Percentage calculation:  
   Numerator: asianXX  
   Denominator: popXX  

**phawXX**  
Description: percentage of persons of Hawaiian race  
Percentage calculation:  
   Numerator: hawXX  
   Denominator: popXX  

**pindiaXX**  
Description: percentage of persons of Asian Indian race  
   Numerator: indiaXX  
   Denominator: popXX  

**pchinaXX**  
Description: percentage of persons of Chinese race  
   Numerator: chinaXX  
   Denominator: popXX  

**pfilipXX**  
Description: percentage of persons of Filipino race  
   Numerator: filipXX  
   Denominator: popXX  

**pjapanXX**  
Description: percentage of persons of Japanese race  
   Numerator: japanXX  
   Denominator: popXX  

*Variables in LTDB map system*
pkoreaXX
Description: percentage of persons of Korean race
Percentage calculation:
   Numerator: koreaXX
   Denominator: popXX

pvietXX
Description: percentage of persons of Vietnamese race
Percentage calculation:
   Numerator: vietXX
   Denominator: popXX

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

p60whtXX
Description: percentage of 60 years and older of white race
Percentage calculation:
   Numerator: a60whtXX
   Denominator: agewhtXX

p65whtXX
Description: percentage of 65 years and older of non-Hispanic whites
Percentage calculation:
   Numerator: a65whtXX
   Denominator: agewhtXX
Availability: 2008-12 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

**p60blkXX**
Description: percentage of 60 years and older of black race
Percentage calculation:
   - Numerator: a60blkXX
   - Denominator: ageblkXX

**p65blkXX**
Description: percentage of 65 years and older of black race
Percentage calculation:
   - Numerator: a65blkXX
   - Denominator: ageblkXX
Availability: 2008-12 ACS

**p15hspXX**
Description: percentage of 0-15 years old, persons of Hispanic origins (in 1980, percentage of 0-14 years old, persons of Hispanic origin; in 2008-12 ACS, percentage of 0-14 years old, persons of Hispanic origins)
Percentage calculation:
   - Numerator: a15hspXX
   - Denominator: agehspXX

**p60hspXX**
Description: percentage of 60 years and older, persons of Hispanic origins
Percentage calculation:
   - Numerator: a60hspXX
   - Denominator: agehspXX

**p65hspXX**
Description: percentage of 65 years and older, persons of Hispanic origins
Percentage calculation:
   - Numerator: a65hspXX
   - Denominator: agehspXX
Availability: 2008-12 ACS

*Variables in LTDB map system*
**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

**p60ntvXX**
Description: percentage of 60 years and older of Native American race
Percentage calculation:
  - Numerator: a60ntvXX
  - Denominator: agentvXX

**p65ntvXX**
Description: percentage of 65 years and older of Native American race
Percentage calculation:
  - Numerator: a65ntvXX
  - Denominator: agentvXX
Availability: 2008-12 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

**p60asnXX**
Description: percentage of 60 years and older of Asians and Pacific Islanders
Percentage calculation:
  - Numerator: a60asnXX
  - Denominator: ageasnXX

**p65asnXX**
Description: percentage of 65 years and older of Asians and Pacific Islanders
Percentage calculation:
  - Numerator: a65asnXX
  - Denominator: ageasnXX
Availability: 2008-12 ACS
Variable Group 2: Ethnicity and Immigration

pmexXX
Description: percentage of Mexicans
Percentage calculation:
   Numerator: mexXX
   Denominator: popXXsp (1970); popXX (1980 and later years)

pcubanXX
Description: percentage of Cubans
Percentage calculation:
   Numerator: cubanXX
   Denominator: popXXsp (1970); popXX (1980 and later years)

pprXX
Description: percentage of Puerto Ricans
Percentage calculation:
   Numerator: prXX
   Denominator: popXXsp (1970); popXX (1980 and later years)

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)

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)
**pgeancXX**
Description: percentage of persons of German parentage or ancestry
Percentage calculation:
  Numerator: geancXX
  Denominator: popXXsp2 (1970)
  popXX (2008-12 ACS)

**pirancXX**
Description: percentage of persons of Italian parentage or ancestry
Percentage calculation:
  Numerator: irancXX
  Denominator: popXXsp2 (1970)
  popXX (2008-12 ACS)

**pscancXX**
Description: percentage of persons of Scandinavian parentage/ancestry (Finnish, Swedish, Danish, Norwegian)
Percentage calculation:
  Numerator: scancXX
  Denominator: popXXsp2 (1970)
  popXX (2008-12 ACS)

**pfbXX**
Description: percentage of foreign-born
Percentage calculation:
  Numerator: fbXX
  Denominator: popXXsp1 (1970)
  dfb80 (1980)
  popXXsf3 (1990, 2000)
  popXX (2008-12 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)
**pnatXX**
Description: percentage of naturalized foreign-born
Percentage calculation:
  Numerator: natXX  
  Denominator: popXXsp1 (1970)  
  popXXsf4 (1980)  
  popXXsf3 (1990, 2000)  
  popXX (2008-12 ACS)

**polangXX**
Description: percentage of persons who speak language other than English at home
Percentage calculation:
  Numerator: olangXX  
  Denominator: ag5upXX

**plepXX**
Description: percentage of persons who speak English not well
Percentage calculation:
  Numerator: lepXX  
  Denominator: ag5upXX

**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)

**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)

*Variables in LTDB map system*
Variables in LTDB map system

**pgefXX**
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)


**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)


**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)


**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.]

**phsXX**
Description: percentage of persons with high school degree or less

Percentage calculation:
- Numerator: hsXX
- Denominator: ag25upXX

**pcolXX**
Description: percentage of persons with at least a four-year college degree
Percentage calculation:
  - Numerator: colXX
  - Denominator: ag25upXX

**punempXX**
Description: percent unemployed
Percentage calculation:
  - Numerator: unempXX
  - Denominator: clfXX

**pflabfXX**
Description: percentage of females in labor force
Percentage calculation:
  - Numerator: flabfXX
  - Denominator: dflabfXX

**pprofXX**
Description: percentage of professional employees (by occupations)
Percentage calculation:
  - Numerator: profXX
  - Denominator: empclfXX

**pmanufXX**
Description: percentage of manufacturing employees (by industries)
Percentage calculation:
  - Numerator: manufXX
  - Denominator: empclfXX

**psempXX**
Description: percentage of self-employed
Percentage calculation:
  - Numerator: sempXX
  - Denominator: empclfXX
**pvetXX**
Description: percentage of veterans
Percentage calculation:
   Numerator: vetXX
   Ag18cvXX (2000, 2010)

**pdisXX**
Description: percent with disability
Percentage calculation:
   Numerator: disXX
   Denominator: cni16uXX

**ppovXX**
Description: percent poor
Percentage calculation:
   Numerator: povXX
   Denominator: dpovXX

**p65povXX**
Description: percentage of 65 years and older in poverty
Percentage calculation:
   Numerator: n65povXX
   Denominator: dpovXX

**pfmpovXX**
Description: percentage of families with children in poverty
Percentage calculation:
   Numerator: nfmpovXX
   Denominator: dfmpovXX

**pwpovXX**
Description: percentage of whites in poverty
Percentage calculation:
   Numerator: nwpovXX
   Denominator: dwpovXX
**pbpovXX**  
Description: percentage of blacks in poverty  
Percentage calculation:  
   Numerator: nbpovXX  
   Denominator: dbpovXX  

**phpovXX**  
Description: percentage of Hispanics in poverty  
Percentage calculation:  
   Numerator: nhpovXX  
   Denominator: dhpovXX  

**pnapovXX**  
Description: percentage of Native Americans in poverty  
Percentage calculation:  
   Numerator: nnapovXX  
   Denominator: dnapovXX  

**papovXX**  
Description: percentage of Asian and Pacific Islanders in poverty  
Percentage calculation:  
   Numerator: napovXX  
   Denominator: dapovXX  

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

**pvacXX**  
Description: percentage of vacant housing units  
Percentage calculation:  
   Numerator: vacXX  
   Denominator: huXX  

**pownXX**  
Description: percentage of owner-occupied housing units  
Percentage calculation:  
   Numerator: ownXX  
   Denominator: ohuXX  
**pmultiXX**
Description: percentage of housing units in multi-unit structures
Percentage calculation:
   - Numerator: multiXX
   - Denominator: dmultiXX

**p30oldXX**
Description: percentage of structures built more than 30 years ago
Percentage calculation:
   - Numerator: h30oldXX
     - huXX (2008-12 ACS)

**p10yrsXX**
Description: percentage of household heads moved into unit less than 10 years ago
Percentage calculation:
   - Numerator: h10yrsXX
     - ohuXX (2008-12 ACS)

**p18undXX**
Description: percentage of persons age 17 years and under
Percentage calculation:
   - Numerator: a18undXX
   - Denominator: popXX

**p60upXX**
Description: percentage of persons age 60 years and over
Percentage calculation:
   - Numerator: a60upXX
   - Denominator: popXX

**p75upXX**
Description: percentage of persons age 75 years and over
Percentage calculation:
   - Numerator: a75upXX
   - Denominator: popXX
**pmarXX**  
Description: percent currently married (excluding separated)  
Percentage calculation:  
   Numerator: marXX  
   Denominator: ag15upXX  
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  
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  

**** -999 For Missing values or denominator of a fraction is zero.  
**** PUERTO RICO(state=72) is not in the 2012 ACS tract data