# CTPP Generations Profiles

**Using 2006-2008 ACS PUMS & 2011-2013 ACS PUMS**

The CTPP 2015 Generations profile sheets use data from the 2006 to 2008 and the 2011 to 2013 American Community Survey (ACS) Public Use Microdata Sample (PUMS). For more information of ACS PUMS files, see [PUMS webpage](http://www.census.gov/acs/www/data_documentation/public_use_microdata_sample/).

The Profiles are designed to give planners a handy way to explore how the Millennials and Baby Boomers are different and have changed in the last 5 years. To better serve this purpose, customized variables were created, we advise users to read the [notes](#_Notes_on_State_1) before using these profiles.

While the Baby Boom generation has defined years of birth (1946 to 1964), the years of birth to define the Millennial generation are still fluid. For this tabulation of the ACS PUMS, we have used the years of birth between 1983 and 2000. Because some of our tabulations are of workers, in those tables, we restricted the age to people ages 16 and over. Therefore, in 2008, many Millennials were still under age 16. This is the main reason that there are large differences between the total number of Millennials between 2008 and 2013 when looking at workers, and also for tables where the age of the “[reference person](#_Notes_on_State_1)” is used to classify households.

The profiles are available for 50 states and District of Columbia, and for 337 counties. County profiles are limited to counties which share no Public Use Microdata Areas (PUMAs) with other counties (in both 2000 PUMA and 2012 PUMA geography). Each PUMA requires a minimum of 100,000 persons, and the 2006-2008 ACS used the 2000 PUMA geography, and the 2011-2013 ACS used both 2000 and the 2012 PUMA geography. For more information about PUMAs, see [PUMAs geography](https://www.census.gov/geo/reference/puma.html) on the Census Bureau website. The Geographic Correspondence Engine found at [Missouri Census Data Center](http://mcdc.missouri.edu/) was used to identify such counties.

We have not included margins of errors (MOEs) in these profile sheets because we have limited the profiles to large geographies where MOEs are of less concern. Because the sample size of the American Community Survey is much smaller than the decennial census “long form,” it is more important to understand the potential errors in the tabulated results even they are not expressed on the profile sheets. For more information and example, see Chapter Understanding Margin of Error in [*A Compass for Understanding and Using American Community Survey Data*](http://www.census.gov/acs/www/Downloads/handbooks/ACSGeneralHandbook.pdf)*.*

## Notes on State and County Generations Profiles

1. In all tables,

- *Reference persons* (or Householder): One person in each household is designated as the householder. Usually this is the person, or one of the people, in whose name the home is owned, being bought, or rented, and who is listed as ‘‘Person 1’’ on the survey questionnaire. If there is no such person in the household, any adult household member 15 and older can be designated. In these profile sheets, one person is defined as the reference person of the household if the associated PUMS variable REL (Relationship) is Reference person (REL=00), Institutionalized group quarters population (REL=13), or Noninstitutionalized group quarters population (REL=14).

-*Baby Boomers,* when Universe=Persons, are people born during 1946-1964; when Universe=Households, are households with reference persons born during 1946-1964 (see example in Table 1); when Universe=Workers, are workers born during 1946-1964.

-*Millennials,* when Universe=Persons, are people born during 1983-2000; when Universe=Households, are households with reference persons born during 1983-2000 (see example in Table 1); when Universe=Workers, are workers 16 years and over and born during 1983-2000.

Table 1. Baby Boomer Household & Millennial Household

|  |  |
| --- | --- |
| **Baby Boomer Household**  | **Millennial Household**  |
| 3 person household, with “reference person” age 56 in 2013 | 1 person household, with “reference person” age 23 in 2013 |
|  |  |  |  |
| Born in 1957 (*Reference Person*) | Born in 1960 | Born in 1990 | Born in 1990 (*Reference Person*) |

-*Total Persons 16 and over living with Parents* used PUMS variable REL (relationship).In 2008 3-year PUMS data, such persons include Son/daughter (REL=02) and Foster child (REL=11). In 2013 3-year PUMS data, such persons include Biological son or daughter (REL=02), Adopted son or daughter (REL=03), Stepson or stepdaughter (REL=04), Foster child (REL=14).

1. In Table ***Selected Characteristics***,

-PUMS Variable Used: ESR (Employment status recode).

-*Total Workers* are **workers** 16 years old and over, including: Civilian Employed, at work (ESR=1); Civilian employed, with a job but not at work (ESR=2); Armed forces, at work (ESR=3); and Armed forces, with a job but not at work (ESR=4).

1. In Table ***Ownership of Dwelling (tenure)****,*

-PUMS Variable Used: TEN (Tenure).

-*Owned or being bought (loan)* include Owned with mortgage or loan (TEN=1) and Owned free and clear (TEN=2).

 -*Rented* (TEN=3) does not include households occupied without payment of rent (TEN=4) are not included in table.

1. In Table ***Housing Structure****,*

 - PUMS Variable Used: BLD (Units in the structure).

-*One-family house* are One-family house detached (BLD=02) and One-family house attached (BLD=03)from PUMS.

 -*2 family building* are 2 Apartments (BLD=04).

 -*3-4 family building* are 3-4 Apartments (BLD=05).

 -*5-9 family building* are 5-9 Apartments (BLD=06).

 -*10+ family building* are 10-19 Apartments (BLD=07), 20-49 Apartments (BLD=08) and 50 or more apartments (BLD=09).

 -*Other* are Mobile home or trailer (BLD=01), Boat, RV, van, etc (BLD=10).

1. In Table ***Race***,

 -PUMS Variable Used: RAC1P (Recoded detailed race code).

-*American Indian or Alaska Native* included American Indian alone, Alaska Native alone and American Indian and Alaska Native tribes specified; or American Indian or Alaska native, not specified and no other races.

1. In Table ***Hispanic Origin***,

 -PUMS Variable Used: HISP (Recoded detailed Hispanic origin).

-*Not Hispanic* include Not Spanish/Hispanic/Latino (HISP=01).

 -*Hispanic* are persons records in PUMS with recorded detailed Hispanic origin code ≠ 01.

1. In Table ***Educational Attainment***,

-PUMS Variable Used: SCHL (Educational attainment).

*-Graduate School* include Master's degree, Professional degree beyond a bachelor's degree, or Doctorate degree.

1. In Table ***Median Personal Income***,

-PUMS Variable Used: PINCP (Total person's income (signed)).

-*Median Personal Income* is the median income of total person’s income (signed), with Universe = Workers 16 years and over with income (PINCP ≠N/A or None). All dollar amounts are inflated to the dollar of the last year in each 3 year dataset. The Census Bureau's adjustment factors were not used based on IPUMS's suggestion, for more information and , see [IPUMS's notes](https://usa.ipums.org/usa/acsincadj.shtml) on the standardizations of ACS dollar amounts.

1. In Table ***Employment***,

-PUMS Variable Used: ESR (Employment status recode).

 -*Civilian Employed* include Civilian employed, at work (ESR=1) and Civilian employed, with a job but not at work (ESR=2).

-Armed forcesinclude Armed forces, at work (ESR=4) and Armed forces, with a job but not at work (ESR=5).

1. In Table ***Vehicles Avail Per Person***,

-PUMS Variable Used: VEH (Vehicles (1 ton or less) available).

-Universe = Persons 16 years and over.

 -*Vehicles Avail Per Person* equals total vehicles available in one household divided by the total number of persons 16 years and over.

1. In Table ***Means of Transportation to Work***,

-PUMS Variable Used: JWTR (Means of transportation to work).

 -Universe = Workers 16 years and over at work.

-*Drive alone* include car, truck or van (JWTR=01 and JWRIP=01).

-*Carpool* include car, truck or van (JWTR=01 and JWRIP ≠ 01).

-*Transit* include Bus or trolley bus (JWTR=02), Streetcar or trolley car (JWTR=03), subway or elevated (JWTR=04), railroad (JWTR=05) and ferryboat (JWTR=06).

 -*Other Means* include Taxicab (JWTR=07), Motorcycle (JWTR=08) and other method (JWTR=12).