

The reference documentation for the **2010 Public Use Microdata Areas (PUMA)** is located at <http://www.census.gov/geo/reference/puma.html>.

The **2010 State-based PUMA Equivalency Files** provide information on the geographic correlations between some standard 2010 Census geographic entities (counties, county subdivision, places, and census tracts) and the 2010 PUMAs. A separate geographic equivalency file exists for each state since the 2010 PUMAs nest within states. The files are located in each state directory on the FTP site and are named **PUMSEQ10\_XX.txt**, where “XX” represents the 2-digit state FIPS/National Standard code (for 2-digit state FIPS/National Standard codes see [http://www.census.gov/geo/reference/ansi\\_statetables.html](http://www.census.gov/geo/reference/ansi_statetables.html)). PUMA equivalency files for Guam and the U.S. Virgin Islands are not included in this directory because one PUMA is delineated coextensive with each of these U.S territories/state-equivalents, therefore all geographic entities in these territories relate to its respective single PUMA.

For Census 2000, these files were referred to as *Public Use Microdata Sample (PUMS) Equivalency Files* or **PUMS Geographic Equivalency Files** rather than **PUMA** Equivalency Files. The Census 2000 Files are available at <<http://www.census.gov/main/www/pums.html>>.

Each PUMSEQ10 file delineates the summary level codes specific to the PUMA, and has its own set of summary level code and hierarchical sequencing. The summary levels included in the 2010 State-based PUMA Equivalency Files are included below.

**Each file contains the following summary levels sorted in nested summary level sequence.**

- 795 State-PUMA
- 796 State-PUMA-County (or part)
- 797 State-PUMA-County-County Subdivision (or part)
- 798 State-PUMA-County-County Subdivision-Place/Remainder (or part) (only for the 20 states with governmentally functioning county subdivisions\*)
- 799 State-PUMA-County-County Subdivision-Place/Remainder-Census Tract

Within each summary level, use the GEOID to determine the sort. Fields used to determine GEOIDs for each summary level are as follows:

| SL  | GEOID                                    |
|-----|--|
| 795 | STATEFP-PUMACE                           |
| 796 | STATEFP-PUMACE-COUNTYFP                  |
| 797 | STATEFP-PUMACE-COUNTYFP-COUSUBFP         |
| 798 | STATEFP-PUMACE-COUNTYFP-COUSUBFP-PLACEFP |

|     |  |
|-----|--|
| 799 | STATEFP-PUMACE-COUNTYFP-COUSUBFP-PLACEFP-TRACTCE |
|-----|--|

\*Please note county subdivision codes are not included for the 30 states, the District of Columbia, and Puerto Rico because they do not have governmentally functioning county subdivisions (MCD). The 20 states with functioning MCDs are Connecticut, Illinois, Indiana, Kansas, Maine, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, Wisconsin.