

Overview

In January 2015, in response to multiple user requests and to reduce system cruft, population data in several AQS tables was updated to use 2014 census estimates and 2010 census counts instead of population counts from the 2000 census. A description of the geographic terms used in the 2010 census and this document can be found at https://www.census.gov/geo/reference/gtc/gtc_cbsa.html

What new tables got added and where did the data come from?

I imported several new reference tables that contain population data so that if users want to access population data from any year from 2010 to 2014, it is available. The following tables are new to AQS

- 1) STATE_POP. Contains 2010 through 2014 census estimates as well as 2010 census state populations. Source: US Census Bureau, specifically <https://www.census.gov/popest/data/national/totals/2014/NST-EST2014-alldata.html>
- 2) COUNTY_POP. Contains 2010 through 2014 census estimates for county populations as well as 2010 census county populations. Source: US Census Bureau, specifically <https://www.census.gov/popest/data/counties/totals/2014/CO-EST2014-alldata.html>
- 3) NEW_URBANIZED_POPS. Contains 2010 census data for Urbanized Areas. Data includes populations. The Urbanized Area codes for 2010 DO NOT match the codes for the 2000 census, unlike the codes for States, Counties and CBSAs. The urbanized area data came from <http://www2.census.gov/geo/docs/reference/ua/PopAreaChngeUA.xls>, which was downloaded from the page <https://www.census.gov/geo/reference/ua/urban-rural-2010.html>
- 4) CBSA_MAPPING. Maps Counties to CBSAs, CSAs, and Metropolitan Divisions Based on the 2013 Census Bureau updated list of CBSAs. This list can be found at <https://www.whitehouse.gov/sites/default/files/omb/bulletins/2013/b-13-01.pdf>. The actual file came from <http://www.census.gov/population/metro/data/def.html>, specifically <http://www.census.gov/population/metro/files/lists/2013/List1.xls>

What got updated?

- 1) The following AQS tables were updated with 2014 data:
 - a. COUNTIES. Contains county population for every county in the 50 United States. The relevant columns are POPULATION_YEAR and COUNTY_POPULATION.
 - b. STATES. Contains state populations for each of the 50 United States. Relevant fields are POPULATION_YEAR and STATE_POPULATION.
 - c. CORE_BASED_STATISTICAL_AREAS. Populations were calculated based on the updated 2014 populations in the COUNTIES table and the updated mappings of COUNTIES to CBSAs in the CBSA_MAPPING table described above.
 - d. EPA_REGIONS. Population data was calculated based on the updated state populations and the mapping of states to regions in the STATES table. Relevant fields are POPULATION_YEAR and EPA_REGION_POPULATION
- 2) The following AQS table got updated with 2010 data:
 - a. URBANIZED_AREAS. This table was updated with data from the NEW_URBANIZED_POPS table listed above. The relevant fields are population_year and UAR_POPULATION. However, because the service that obtains geographic information for AQS still pulls the Urbanized Areas from the 2000 census, these new

Urbanized Areas are marked with a status of "I" or inactive in the URBANIZED_AREAS table.

- 3) The following reference tables got updated with new mappings
 - a. CBSA_COUNTIES. This table maps counties to CBSAs. It was updated using the CBSA_MAPPING table described above.
 - b. COMBINED_STATISTICAL_AREAS. The table lists the combined statistical areas of the United States. It was updated using the CBSA_MAPPING table described above.
 - c. CSA_CBSAS. This table maps CBSAs to CSAs. CSAs consists of two or more adjacent CBSAs.

Abbreviations Used

CSA = Combined Statistical Area

CBSA = Core Based Statistical Area