

Primary Care Service Areas Project V2.1  
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## **2009 Population Estimates for ZCTAs and PCSAs**

The attached CD provides the 2009 Zip Code Tabulation Areas (ZCTAs) and Primary Care Service Areas (PCSAs) population estimates. We apportioned block group level 2009 population, household and median income estimates from Claritas to census blocks and then aggregated component blocks to arrive at the 2009 ZCTA population estimates. ZCTAs were then aggregated into their respective PCSAs. The files enclosed on the CD include a copy of task documentation (word file), the data dictionary (excel file), and database files with 460 variables for 32,011 ZCTAs and 457 variables for 6,542 PCSAs (dbf files).

### **Task Documentation (Population Estimates 2009.doc)**

The documentation defines the task and methodology for apportioning block group level estimates to blocks and then summing blocks to arrive at ZCTA estimates. Component ZCTAs were then aggregated to arrive at PCSA estimates.

### **Data Dictionary (2009 Population Update Data Dictionary.xls)**

The EXCEL worksheet provides a complete data dictionary for each data layer. The data dictionary exhibits 8 fields for each variable: category (geo, demog1, demest), variable name, label, format, description, data source, data date, and notes. A list of abbreviations used throughout the dictionary is included.

### **Database files (est09\_zcta1.dbf, est09\_zcta2.dbf, est09\_pcsa1.dbf, est09\_pcsa2.dbf)**

There are 460 unique variables at the ZCTA level provided in two database files. The file named est09.zcta1.dbf contains 218 variables including 12 header variables (identification and total population variables) and est09\_zcta2.dbf contains 254 variables with the same 12 header variables. There are 457 unique variables at the PCSA level contained in three database files. The est09.pcsa1.dbf contains 215 variables including 9 header variables, est09\_pcsa2.dbf contains 251 variables with the same 9 header variables.

The population data are composed of gender, age, race, and ethnicity categories. There are two gender categories (Male/Female) and 8 race categories (White alone, Black or African American alone, American Indian or Alaska Native alone, Asian alone, Native Hawaiian, and Other Pacific Islander alone, Some Other Race alone, Two or more Races, and Non-White and Non-Black population). We defined the Non-White and Non-black category as total population less White alone and Black or African American alone. There are 19 age categories (0-4, 5-9, 10-14, 15-17, 18-20, 21-24, 25- 34, 35-44, 45-49, 50-54, 55-59, 60-65, 65-74, 75-85, 85+, 0-17, 18+, 21+, and 65+). Claritas provided data for all age categories except the 0-17 category which we added. There are two ethnicity categories Hispanic and Non-Hispanic.

The variables consist of the following:

- Ten identification and geographical variables (ZCTA ID and name, ZCTA state abbreviation, ZCTA state FIPS code, geographical centroid latitude and longitude, PCSA ID and name, and square miles) for the ZCTA layer and seven identification and geographical variables for the PCSA layer (PCSA ID and name, PCSA state abbreviation, PCSA state FIPS code, geographical centroid latitude and longitude, and square miles)
- 2000 census population
- 446 population estimate variables (Total 2009 population, population counts by gender, age, race, age by gender, age by race, gender by race, and race by gender and age; percentage by age group, gender, race, and ethnicity)
- Estimated resident civilian population (defined as total population less persons residing in college dorms, military barracks, correctional facilities, nursing homes, and other institutions)
- Estimated number of households
- Estimated median household income

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