

## README Feb2014

Contract Number: HSH250201200022C

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Option year one deliverables

Task 1.4 Update the attribute data, including census - insurance and uninsured estimates derived from the 5-year American Community Survey (ACS) 2008-2012 data

Task 2.5 Update the Zip code-to-PCSA crosswalk – 9-digit and 5-digit Zip Codes to version 3.1 PCSAs for 2010, 2011, and 2012.

*Data\_Dictionary\_PCSAv3.1\_Feb2014.pdf* for 8 dbf files

1. 2010 ZIP9 to PCSA v3.1 crosswalk: *zip9\_2010\_pcsav31.dbf* (N=55,942,845)
2. 2010 ZIP5 to PCSA v3.1 crosswalk: *zip5\_2010\_pcsa31.dbf* (N=41,727)
3. 2011 ZIP9 to PCSA v3.1 crosswalk: *zip9\_2011\_pcsav31.dbf* (N=49,141,306)
4. 2011 ZIP5 to PCSA v3.1 crosswalk: *zip5\_2011\_pcsa31.dbf* (N=40,977)
5. 2012 ZIP9 to PCSA v3.1 crosswalk: *zip9\_2012\_pcsav31.dbf* (N=59,509,376)
6. 2012 ZIP5 to PCSA v3.1 crosswalk: *zip5\_2012\_pcsa31.dbf* (N=40,807)
7. Census tract layer attributes: *t\_acs2008\_2012\_insurance.dbf* (N= 73,056)
8. PCSA v3.1 layer attributes: *p\_acs2008\_2012\_insurance.dbf* (N= 7,144)

**Note:** For the 2012 ACS data release, there are tract numbering corrections and changes in the geographic definition of few tracks. To be consistent with the ACS data release, all track numbers and attributes are preserved for the PCSA data release, which has different total number of tracks compared to the 2010 Census (N=73,057, please see below for track change information). We included a flag variable (*T\_FLAGCHG*) in the track level data to indicate whether the tract is a new numbering or new track. We adjusted the track to PCSA assignment accordingly. In the case of changing in the track geographic definition, we apply the follow role for the corresponding PCSA-level attributes:

If a new track is defined from more than one 2010 track and each 2010 track is assigned to a different PCSA, the insurance attributes of the new track are assigned to the PCSA of the 2010 track with the largest attributable population for the new track, and other 2010 tracks did not attribute more than 1000 population to the new track. Otherwise, track level attributes will be allocated to various PCSAs according to the proportion of the 2010 component track population.

Examples:

1. A new track X is defined from track A (50 population) and track B (500 population), all attributes of track X are assigned to track B's PCSA.
2. A new track Y is defined from track C (1200 population) and track D (3600 population), attributes of track Y are allocated to track C's PCSA (1/4) and track D' PCSA (3/4), accordingly.

APPENDIX

[http://www.census.gov/geo/reference/pdfs/Geography\\_Notes.pdf](http://www.census.gov/geo/reference/pdfs/Geography_Notes.pdf)