**Contact**

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**Data Sources**

HUD

**Year**

2018

**Geographies**

Latitude/longitude, SPARCC regions

**Datasets**

Original dataset: [HUD Dataset](https://drive.google.com/open?id=1CgNm75KDdHoxZnLJAraG4aIXdC5smxCe) and cleaned Stata version, [hud\_assissted\_housing.dta](https://drive.google.com/open?id=1SJQ_nwkp62WPIxxABWQYBsNquyKeQkkE)

New dataset: [cleaned\_hud\_assissted\_housing.dta](https://drive.google.com/open?id=1tVZwvDLhcOsL04cnVSBJGMQ22CKI61Gf)

**Processing**

Initial clean of the original HUD csv data using [public\_housing.do](https://drive.google.com/open?id=17l7PTBIBuNLPpH4kJ7PEonPN9J-0CpXk), then save as hud\_assissted\_housing.dta. This file contains (potentially interesting) data about each property and unique case\_id.

Next, using [clean\_public\_housing.do](https://drive.google.com/open?id=10ZorD9yiHo5DXN8OIaQAif9QFhaBYdjw), clean out the HUD dataset to include only the relevant information. This file filters by county and maintains site names and lat/long data.

* In order to determine FIPS codes for each property, append reverse geocoding data produced by R code [Housing Geocode.Rmd](https://drive.google.com/open?id=1TK6eVsEen4UM1satypexQofcVLcpk1f4)
* Results of R code called [sparcc\_housing\_geocode.csv](https://drive.google.com/open?id=1XlnUYQ-GdkBMRhhjeWPyAjBnngBv2Diq)

**Variable Description**

[Used variables in final dataset]

census\_block Census FIPS (2010) at the block level of HUD property

name HUD property name

latitude HUD property latitude

longitude HUD property longitude

state HUD property state abbreviation

public\_housing\_flag Flag for property type - 1 for Public Housing

section\_8\_flag Flag for property type - 1 for Project Based Section 8

section\_236\_flag Flag for property type - 1 for Section S236/BMIR

section\_202\_flag Flag for property type - 1 for Section 202/PRAC

section\_811\_flag Flag for property type - 1 for Section 811/PRAC

rentsup\_flag Flag for property type - 1 for Rent Supplement/RAP

county County FIPS (2010)