**Data Dictionary**

**SDSS 2019**

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**Data File Name:** king\_zillow.csv

**Summary:** This file contains Zillow data on census tracts in King County, Washington between the dates 01-31-1996 and 06-30-2016.

**Number of Observations:** 97,662

**Observational Unit**: Census tracts by year/month

**Variables:**

* From their website:
  + **ZRI**: “Zillow Rent Index : A smoothed measure of the median estimated market rate rent across a given region and housing type.”
  + **ZHVI**: “Zillow Home Value Index: A smoothed, seasonally adjusted measure of the median estimated home value across a given region and housing type.”
* **GEO2010**: Geo-code for the census tract (using 2010 tract boundaries)
* **date.home**: Date of the observation. (Note: ZRI is missing for earlier dates.)

**Source:** https://www.zillow.com/research/data/

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**Data File Name:** evictions.csv

**Summary:** The Evictions Lab, run by Princeton University, have created a database of US-wide evictions, along with other related demographics.

**Caution**: All variables that are not about evictions are only updated every five years in the data frame. It might be good to only use this for eviction data, but supplement the other covariates by combining with the ACS data in R.

**Number of Observations:** 24786

**Observational Unit:** Aggregated tract level evictions

**Information on Variables:** 27 columns

* **GEOID:** Geo-code for the census tract
* **year**
* **name:** Geo-code of just the census tract (without the state and county labels)
* **parent\_location:** Name of the county
* **population**
* **poverty\_rate**
* **renter\_occupied\_households**
* **pct\_renter\_occupied**
* **median\_gross\_rent**
* **median\_household\_income**
* **median\_property\_value**
* **rent\_burden:** Percent of household income spent on rent. (Unclear if this is the mean or median value for the tract.)
* **pct\_white**
* **pct\_af\_am**
* **pct\_hispanic**
* **pct\_am\_ind**
* **pct\_asian**
* **pct\_nh\_pi**
* **pct\_multiple**
* **pct\_other**
* **eviction\_filings**
* **evictions**
* **eviction\_rate**
* **eviction\_filing\_rate**
* **low\_flag**
* **imputed**
* **subbed**

**Source:** <https://evictionlab.org/>, <https://evictionlab.org/methods/#data-source>

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**Data File Name:** 2018-Housing-Inventory-Count-Raw-File.xlsx

**Summary:** The Housing Inventory Count (HIC) is a point-in-time inventory of provider programs within a Continuum of Care (CoC) that provide beds and units dedicated to serve persons who are homeless, categorized by five Program Types: Emergency Shelter; Transitional Housing; Rapid Re-housing; Safe Haven; and Permanent Supportive Housing. [See the follow page](https://www.hudexchange.info/programs/coc/coc-program-eligibility-requirements/) to learn about these different forms of housing support.

**Number of Observations:** 24636

**Observational Unit:** Unique Project Name, Organization, and Continuum of Care combination

**Variables:** 96 columns

* CocState
* CoC
* CoC\ID
* HudNum
* Status
* Year
  + Only for raw data for 2018
* Organization
* Organization Name
* Project ID
* Project Name
* Project Type
* Bed Type
* Geo Code
  + At the county level
* ...

**Source:** Department of Housing and Urban Development (HUD)

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**Data File Name:** 2007-2018-PIT-Counts-by-CoC.xlsx

**Summary:** The Point-in-Time (PIT) count is a count of sheltered and unsheltered homeless persons on a single night in January. HUD requires that Continuums of Care (CoCs) conduct an annual count of homeless persons who are sheltered in emergency shelter, transitional housing, and Safe Havens on a single night.

**Number of Observations:** 399 on each page (one page for each year between 2007 and 2018)

**Observational Unit:** Continuum of Care

**Variables:** 83 columns

* CoC Number
  + Note: Seattle/King County Coc is WA-500
* CoC Name
* CoC Category
* Overall Homeless
* Sheltered Homeless
* ...

**Source:** Department of Housing and Urban Development (HUD)

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**Data File Name:** forecloseWATract.csv

**Summary:** A dataset of the estimated number of foreclosures for counties in Washington in 2008. This dataset was created to help HUD’s Neighborhood Stabilization Program determine how to allocate funding to state and local governments.

**Number of Observations:** 1318

**Observational Unit:** Tract

**Variables:** 18 columns (Descriptions pulled directly from the [following HUD page](https://www.huduser.gov/portal/datasets/nsp.html))

* tractcode
* state
* sta
* county
* countyname
* tract
* hhuniv - count of households from Census 2000
* estimated\_number\_foreclosures - HUD model, estimated count of foreclosure starts over 18 months through June 2008. Note caveats above.
* estimated\_number\_mortgages - HUD estimated number of mortgages as described above.
* estimated\_foreclosure\_rate - number of foreclosure starts divided by number of mortgages times 100.
* total\_90\_day\_vacant\_residential\_addresses - United States Postal Service data from June 2008 on residential addresses vacant 90-days or longer.
* total\_residential\_addresses - United States Postal Service Data on total addresses as of June 2008
* estimated\_90\_day\_vacancy\_rate - addresses vacant 90 days or longer divided by total addresses times 100.
* total\_hicost\_2004\_to\_2006\_HMDA\_loans - Total number of conventional loans made between 2004 and 2006 where Home Mortgage Disclosure Act where the rate spread is 3 percentage points above the Treasury security of comparable maturity.
* total\_2004\_to\_2006\_HMDA\_loans - Total number of conventional loans made between 2004 and 2006 according to data from the Home Mortgage Disclosure Act
* estimated\_hicost\_loan\_rate - percent of loans made between 2004 and 2006 shown to be high cost according to HMDA data.
* bls\_unemployment\_rate - June 2008 place or county unemployment rate. If unemployment data available for a place, the place level unemployment rate is used. For places and balance of county place level unemployment data unavailable, the county level unemployment rates is used.
* ofheo\_price\_change - a measure of price decline in home values that uses data from the Office of Federal Housing Enterprise Oversight (OFHEO) Housing Price Index (HPI) to calculate price decline from peak value in the second quarter of any year between 2000 and 2008 and the second quarter home price in 2008.

**Source:** Department of Housing and Urban Development (HUD)

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**Data File Name:** oneNightCount.csv

**Summary:** The 36th annual One Night Count of homeless people in King County took place in the early hours of Friday, January 29, 2016. The Coalition organized more than 1100 volunteers who fanned out across the county to count the number of men, women and children who were homeless and sleeping outdoors without shelter between 2:00 and 5:00 a.m. They counted people trying to survive in cars and tents, riding late night buses, or curled up in blankets under bridges or in doorways. That same night, staff at agencies that operate shelters and transitional housing programs recorded select information about the people staying in their programs. Staff at the Homeless Housing Program of King County’s Community Services Division compile these data.

**Number of Observations:** 130

**Observational Unit:** Rows are for the locations where people were found.

* Benches
* Parking Garages
* Cars/Trucks
* Structures
* Under Roadways
* Doorways
* City Parks
* Bushes/Undergrowth
* Bus Stops
* Alleys
* Walking Around
* Other

**Variables:** Columns are the different regions of King County.

* Year
* Seattle
* Kent
* North End
* East Side
* SW King Co
* White Center
* Federal Way
* Renton
* Night Owl Busses
* Auburn
* Vashon Island
* Total

**Note:** These data are NOT “tidy”. They will need to be wrangled.

**Source:** Seattle/King County Coalition on Homelessness