



Location Affordability Index Data Dictionary

This page describes the LAI Data available for download. As described in the User Guide, the LAI data is available for 8 household types. The downloaded data will contain 15 columns for each household type, and each column heading is prefixed with "hh_" followed by "type1" through "type8". The following table associates each column prefix with the housing type.

| COLUMN PREFIX | HOUSEHOLD TYPE | SIZE OF HH | INCOME | # COMMUTERS |
|----------------------|----------------------------|-------------------|----------------------------------|--------------------|
| hh_type1_ | Median-Income Family | 4 | Median Income for Region | 2 |
| hh_type2_ | Very Low-Income Individual | 1 | National Poverty Line | 1 |
| hh_type3_ | Working Individual | 1 | 50% of Median Income for Region | 1 |
| hh_type4_ | Single Professional | 1 | 135% of Median Income for Region | 1 |
| hh_type5_ | Retired Couple | 2 | 80% of Median Income for Region | 0 |
| hh_type6_ | Single-Parent Family | 3 | 50% of Median Income for Region | 1 |
| hh_type7_ | Moderate-Income Family | 3 | 80% of Median Income for Region | 1 |
| hh_type8_ | Dual-Professional Family | 4 | 150% of Median Income for Region | 2 |

The 15 columns available for each household are described below (with the column prefix omitted).

| COLUMN SUFFIX | DESCRIPTION |
|----------------------|--|
| income_min* | The minimum income for the geography as defined for the household above. |
| income_max* | The maximum income for the geography as defined for the household above. |
| Income | The income for the geography as defined for the household above. |
| size | The household size for geography as defined for the household above. |
| workers | The number of commuters for the geography as defined for the household above. |
| ht | The modeled housing and transportation costs as a percent of income. |
| h | The modeled housing costs as a percent of income. |
| t | The modeled transportation costs as a percent of income. |
| autos | The modeled autos per household. |
| vmt | The modeled household annual vehicle miles traveled (VMT). |
| transit_trips | The modeled household annual transit trips. |
| ht_own | The modeled housing and transportation costs as a percent of income for owners. |
| h_own | The modeled housing costs as a percent of income for owners. |
| t_own | The modeled transportation costs as a percent of income for owners. |
| autos_own | The modeled autos per household for owners. |
| vmt_own | The modeled household annual vehicle miles traveled (VMT) for owners. |
| transit_trips_own | The modeled household annual transit trips for owners. |
| ht_rent | The modeled housing and transportation costs as a percent of income for renters. |
| h_rent | The modeled housing costs as a percent of income for renters. |
| t_rent | The modeled transportation costs as a percent of income for renters. |
| autos_rent | The modeled autos per household for renters. |
| vmt_rent | The modeled household annual vehicle miles traveled (VMT) for renters. |
| transit_trips_rent | The modeled household annual transit trips for renters |

** The _min_income and _max_income only vary for data aggregated to geographies that intersect multiple regions. In all other cases these values will be the same as the income value.*

For each geography available for download, the U.S. Census identifier is included, and for every geography but Block Groups and Tracts, the U.S. Census name is also included.

| COLUMN | DESCRIPTION |
|---------------|---|
| blkgrp | The 2010 U.S. Census 12 character Block Group identifier. |
| tract | The 2010 U.S. Census 11 character Tract identifier. |
| place | The 2010 U.S. Census 7 character Place identifier. |
| place_name | The 2010 U.S. Census Place name. |
| county | The 2010 U.S. Census 5 character County identifier. |
| county_name | The 2010 U.S. Census County name. |
| cbsa | The 2010 U.S. Census 5 character CBSA identifier. |
| cbsa_name | The 2010 U.S. Census CBSA name. |

Block group data also include the LAI independent variables as described in the Methodology*, as well as the count of households. To aggregate data to larger geographies such as Census Tracts use a proportional weighted average, weighted by households.

| COLUMN | DESCRIPTION |
|---------------------------------|---|
| households | Count of Households in the Block Group |
| area_median_income | Area Median Income |
| blkgrp_median_income_owners | Median Income for Owners in the Block Group |
| blkgrp_median_income_renters | Median Income for Renters in the Block Group |
| avg_hh_size_owners | Average Household Size for Owner Occupied Housing Units |
| avg_hh_size_renters | Average Household Size for Renter Occupied Housing Units |
| commuters_per_hh_owners | Average Commuters per Household for Owner Occupied Housing Units |
| commuters_per_hh_renters | Average Commuters per Household for Renter Occupied Housing Units |
| pct_renters | Percent of Households in Renter Occupied Housing Units |
| gross_hh_density | Gross Household Density (Households per Acre) |
| median_rooms_per_owner_unit | Median Number of Rooms per Owner Occupied Housing Units |
| median_rooms_per_renter_unit | Median Number of Rooms per Renter Occupied Housing Units |
| pct_detached_single_family_unit | Percent of Housing Units that are Detached Single Family |
| median_commute_distance | Median Commute Distance |
| block_density | Block Density (Blocks per Acre) |
| employment_access_index | Employment Access Index |
| local_job_density | Local Job Density |
| local_retail_job_density | Local Retail Job Density |
| retail_access_index | Retail Access Index |