**Quality of Life🡪EASI Total crime index**

[Definition](http://easidemographics.com/trswebhelp/trswebhelp.htm#html/easi_total_crime_index.htm):

* “This is a model of the combined likelihoods of the included crime categories to be present in a given area.”
* Consists of 8 felony crime variables: murder and non-negligent manslaughter, forcible rape, robbery, aggravated assault, burglary, larceny, motor vehicle theft, and arson.
* Thought to indicate how much crime is measured in particular areas
* Crime potential based on demographic factors using a predictive model with **equal types of geography (compare cities to one another, zip codes to one another, etc.)**

NOTE:

* Data presented by EASI is **NOT** the number of actual reported crimes. These are estimated rates based on models from the FBI with crimes defined by the New York State Penal Code
* In the index, crimes are [weighted percentages](http://www.easidemographics.com/help/trshelp.htm#easi_data_definitions/quality_of_life/easi_total_crime_index.htm) against others. Violent crimes such as murder and forcible rape have more “weight” in the EASI model
* 100 represents the **expected national average**. The U.S. index is currently not 100 in SimplyMap (current US index is 92) because this number is **a weighted average of all block groups in the country**. This means that there are fewer areas in the US that expected that have crime potential.
* Think about these number **relative** to one another to explain crime potential
  + Numbers lower that the 100 should be interpreted as “the likelihood of a crime being committed in this area is less likely than the expected average.”
  + Numbers higher than 100 can be interpreted as “the likelihood of a crime being committed in this area is more likely than the expected average.”

**Quality of Life 🡪 EASI individual crime variables** (Murder Index, Aggravated Assault index, etc.)

* 100 represents the national average for each variable
  + Numbers falling lower that the 100 should be interpreted as “the likelihood of [Murder, aggravated assault, etc.] being committed in this area is less than the expected average.”
  + Numbers falling higher than 100 can be interpreted as “the likelihood of [Murder, aggravated assault, etc.] being committed in this area is more than the expected average.”
* EASI collects information on reported crimes from the FBI and uses their statistical model to show the likelihood of a crime occurring in a particular area. “The data presented by EASI are based on a demographic models of crime, they do not represent actual reported crimes”: <http://easidemographics.com/trswebhelp/trswebhelp.htm#html/easi_total_crime_index.htm>

**Uniform Crime Report**

* These variables provide actual monthly counts of reported crimes by FBI and related programs
* Smallest unit available in SimplyMap is counties. This does not allow you to compare/analyze zip codes or census tracks in the city of Los Angeles.
* You can find this data on the Uniform Crime Reporting website and drill down to agency level (such as Los Angeles Police Department), but not by location: <http://www.ucrdatatool.gov/Search/Crime/Crime.cfm>

Creation of EASI Index: https://www.easidemographics.com/trswebhelp/trswebhelp.htm#html/easi\_total\_crime\_index.htm