Crime, Hardship and Life Expectancy by Community Area in Chicago, Illinois

Data:

Crime Data (2018):
Source: https://data.cityofchicago.org/Public-Safety/Crimes-2018/3i3m-jwuy – Chicago Open Data Portal

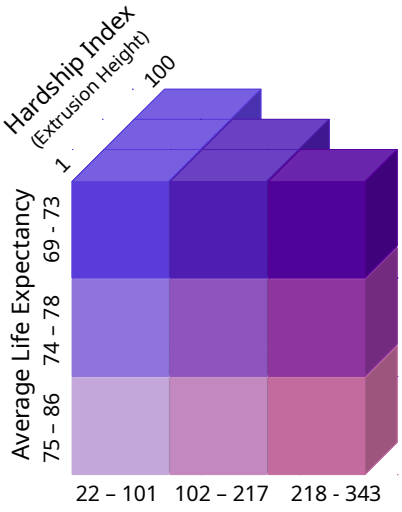
Population Data (2010 Census):
Source: http://www.actforchildren.org/wp-content/uploads/2018/01/Census-Data-by-Chicago-Community-Area-2017.pdf - Illinois Act For Children Census Summary

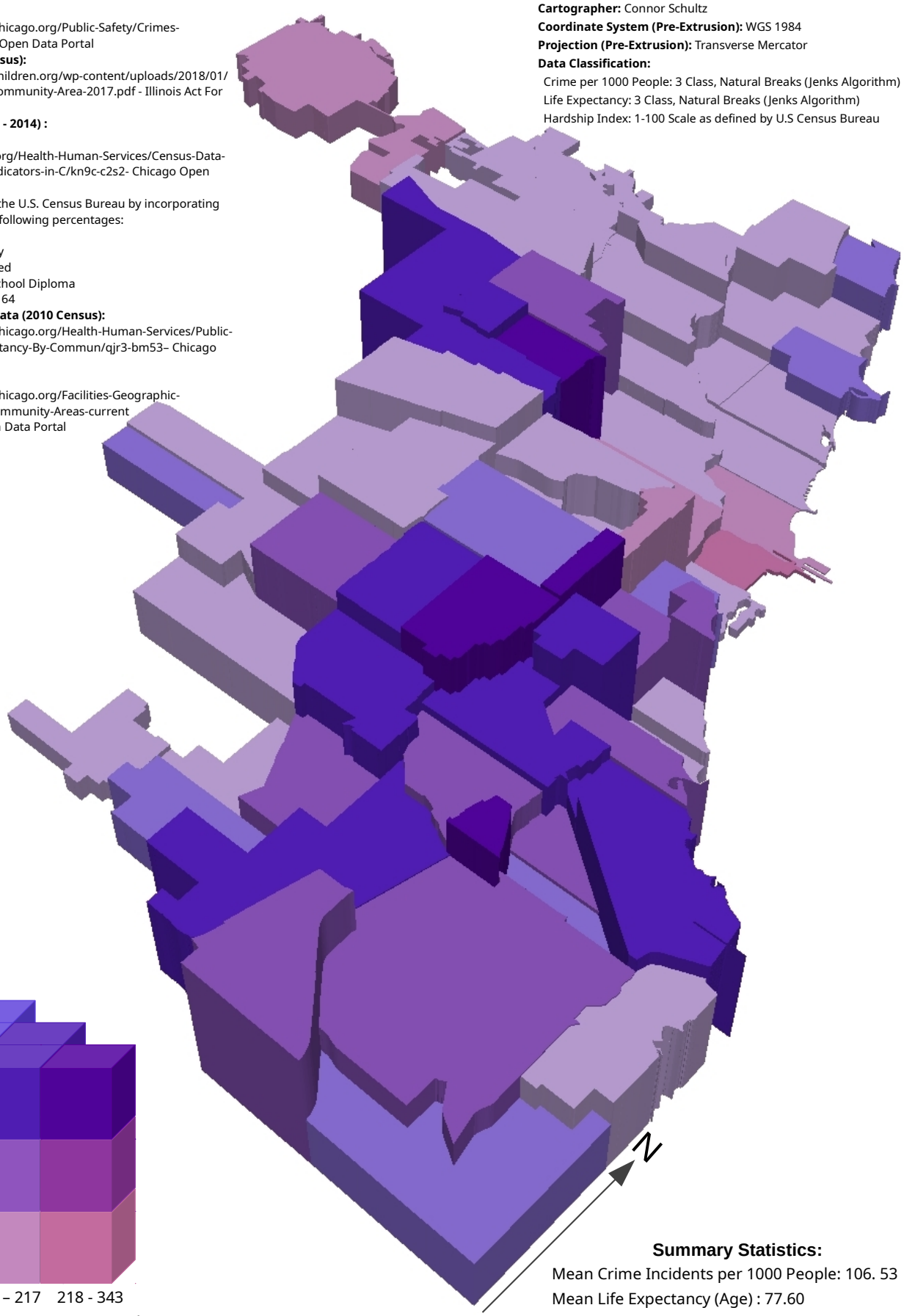
Hardship Index Data (2008 - 2014) :
Source: https://data.cityofchicago.org/Health-Human-Services/Census-Data-Selected-socioeconomic-indicators-in-C/kn9c-c2s2- Chicago Open Data Portal
This Index is calculated by the U.S. Census Bureau by incorporating per-capita income and the following percentages:
- Crowded Housing
- Households Below Poverty
- Age 16 or over Unemployed
- Age 25 or over No High School Diploma
- Age under 18 or Age over 64

Average Life Expectancy Data (2010 Census):
Source: https://data.cityofchicago.org/Health-Human-Services/Public-Health-Statistics-Life-Expectancy-By-Commun/qjr3-bm53– Chicago Open Data Portal

Community Areas (2019):
Source: https://data.cityofchicago.org/Facilities-Geographic-Boundaries/Boundaries-Community-Areas-current-/cauq-8yn6- Chicago Open Data Portal

Cartographer: Connor Schultz
Coordinate System (Pre-Extrusion): WGS 1984
Projection (Pre-Extrusion): Transverse Mercator
Data Classification:
Crime per 1000 People: 3 Class, Natural Breaks (Jenks Algorithm)
Life Expectancy: 3 Class, Natural Breaks (Jenks Algorithm)
Hardship Index: 1-100 Scale as defined by U.S Census Bureau





Summary Statistics:
Mean Crime Incidents per 1000 People: 106. 53
Mean Life Expectancy (Age) : 77.60
Total Population: 2,710,498