

Supplemental Table 3: UBN Framework Data Sources

- 1) Jefferson County, KY. (2022). Urban heat management study. LOJIC Data. Retrieved from <https://data.lojic.org/datasets/899c7ab6f86246a3b1fb48e6d495c2f9/explore>
- 2) Bureau of Transportation Statistics. (2020). National transportation noise map. U.S. Department of Transportation. Retrieved from <https://www.bts.gov/geospatial/national-transportation-noise-map>
- 3) Environmental Protection Agency. (2022). Daily census tract-level PM2.5 concentrations, 2016 - 2020. Retrieved from <https://www.epa.gov/ejscreen/download-ejscreen-data>
- 4) Environmental Protection Agency. (2022). Traffic proximity and volume. Retrieved from <https://www.epa.gov/ejscreen/download-ejscreen-data>
- 5) Environmental Protection Agency. (2022). Cancer risk by region and by pollutant (Region 4b). Retrieved from <https://www.epa.gov/ejscreen/download-ejscreen-data>
- 6) Jefferson County, KY. (2023). Deteriorated paint index by tract. LOJIC Data. Retrieved from https://data.lojic.org/datasets/87d27659ef1d4194a4fa706b72eec698_2/explore
- 7) Environmental Protection Agency. (2022). EPA facility registry service - Superfund national priorities list (SEMS_NPL). Retrieved from <https://www.epa.gov/ejscreen/download-ejscreen-data>
- 8) LOJIC Data. (2024). Louisville, KY Metro Parks. Retrieved from https://data.lojic.org/datasets/3ce3306260a448d2afc707961ed3f339_0/explore
- 9) LOJIC Data. (2024). Louisville, KY Metro Parks. Retrieved from https://data.lojic.org/datasets/3ce3306260a448d2afc707961ed3f339_0/explore
- 10) National Land Cover Database. (2021). USFS tree canopy cover (CONUS). ArcGIS. Retrieved from <https://www.arcgis.com/home/item.html?id=f2d114f071904e1fa11b4bb215dc08f3>
- 11) U.S. Census Bureau. (2024). ACS housing costs variables - Boundaries. ArcGIS Hub. Retrieved from <https://hub.arcgis.com/maps/9c7647840d6540e4864d205bac505027/about>
- 12) Centers for Disease Control and Prevention. (2022). PLACES: Census tract data (GIS-friendly format). Retrieved from https://data.cdc.gov/500-Cities-Places/PLACES-Census-Tract-Data-GIS-Friendly-Format-2022-/shc3-fzig/about_data
- 13) Department of Housing and Urban Development. (n.d.). Public housing buildings. LOJIC Data. Retrieved from <https://data.lojic.org/datasets/HUD::public-housing-buildings-2/about>
- 14) U.S. Census Bureau. (2022). S2502 demographic characteristics for occupied housing units. Retrieved from [https://data.census.gov/table?q=residential%20tenure&g=050XX00US21111\\$1400000](https://data.census.gov/table?q=residential%20tenure&g=050XX00US21111$1400000)
- 15) Jefferson County, KY. (2024). Housing choice vouchers by tract. LOJIC Data. Retrieved from https://data.lojic.org/datasets/8d45c34f7f64433586ef6a448d00ca12_0/explore
- 16) Centers for Disease Control and Prevention. (2022). PLACES: Census tract data (GIS-friendly format). Retrieved from https://data.cdc.gov/500-Cities-Places/PLACES-Census-Tract-Data-GIS-Friendly-Format-2022-/shc3-fzig/about_data
- 17) Louisville Metro Government. (2023). 311 requests. LOJIC Data. Retrieved from https://data.louisvilleky.gov/datasets/e6dd8927268e423d9f3e8122b8a45525_0/explore
- 18) United States Department of Agriculture. (2019). Food access research atlas. ArcGIS. Retrieved from <https://www.arcgis.com/home/item.html?id=d869af7211934182b92188c8a8b89b42>
- 19) Kentucky Cabinet for Health and Family Services. (2020). Hospitals by county. Retrieved from <https://chfs.ky.gov/agencies/os/oig/dhc/Pages/hcf.aspx>

- 20) Centers for Disease Control and Prevention. (2022). PLACES: Census tract data (GIS-friendly format). Retrieved from https://data.cdc.gov/500-Cities-Places/PLACES-Census-Tract-Data-GIS-Friendly-Format-2022-/shc3-fzig/about_data
- 21) U.S. Census Bureau. (2022). B08303 travel time to work. Retrieved from [https://data.census.gov/table/ACSDT5Y2022.B08303?q=time%20to%20work&g=050XX00US21111\\$1400000](https://data.census.gov/table/ACSDT5Y2022.B08303?q=time%20to%20work&g=050XX00US21111$1400000)
- 22) LOJIC Data. (2022). Louisville Metro Area, KY TARC bus stops. Retrieved from https://data.lojic.org/datasets/a23aea3715774b9c8edca4214d80e98f_11/explore
- 23) U.S. Census Bureau. (2022). B08141: Means of transportation to work by vehicles available. American Community Survey 5-Year Estimates. Retrieved from [https://data.census.gov/table/ACSDT5Y2022.B08141?q=vehicle%20availability&g=050XX00US21111\\$1400000](https://data.census.gov/table/ACSDT5Y2022.B08141?q=vehicle%20availability&g=050XX00US21111$1400000)
- 24) U.S. Census Bureau. (2022). B08201: Household size by vehicles available. American Community Survey 5-Year Estimates. Retrieved from [https://data.census.gov/table/ACSDT5Y2022.B08201?q=vehicle%20availability&g=050XX00US21111\\$1400000](https://data.census.gov/table/ACSDT5Y2022.B08201?q=vehicle%20availability&g=050XX00US21111$1400000)
- 25) LOJIC Data. (2024). Louisville Metro KY - Traffic fatalities and suspected serious injuries. Retrieved from <https://data.lojic.org/datasets/LOJIC::louisville-metro-ky-traffic-fatalities-and-suspected-serious-injuries-1/about>
- 26) LOJIC Data. (2022). Jefferson County, KY public service locations. Retrieved from <https://data.lojic.org/datasets/LOJIC::jefferson-county-ky-public-service-locations/about>
- 27) U.S. Census Bureau. (2022). S0101: Age and sex demographics, including racial diversity index values. American Community Survey 5-Year Estimates. Retrieved from [https://data.census.gov/table/ACSST5Y2022.S0101?q=race&g=050XX00US21111\\$1400000](https://data.census.gov/table/ACSST5Y2022.S0101?q=race&g=050XX00US21111$1400000)
- 28) Centers for Disease Control and Prevention. (2022). PLACES: Census tract data (GIS-friendly format). Retrieved from https://data.cdc.gov/500-Cities-Places/PLACES-Census-Tract-Data-GIS-Friendly-Format-2022-/shc3-fzig/about_data
- 29) Centers for Disease Control and Prevention. (2022). PLACES: Census tract data (GIS-friendly format). Retrieved from https://data.cdc.gov/500-Cities-Places/PLACES-Census-Tract-Data-GIS-Friendly-Format-2022-/shc3-fzig/about_data
- 30) Louisville/Jefferson County Information Consortium (LOJIC). (2023). Jefferson County KY voting precincts 2023. Retrieved from <https://data.lojic.org/datasets/LOJIC::jefferson-county-ky-voting-precincts-2023/about>
- 31) U.S. Census Bureau. (2022). B19083: Income inequality (Gini Index). American Community Survey 5-Year Estimates. Retrieved from [https://data.census.gov/table?q=Income%20Inequality&g=050XX00US21111\\$1400000](https://data.census.gov/table?q=Income%20Inequality&g=050XX00US21111$1400000)
- 32) U.S. Department of Housing and Urban Development. (2024). Low poverty index. LOJIC Data. Retrieved from <https://data.lojic.org/datasets/HUD::low-poverty-index/about>
- 33) LOJIC Data. (2024). Louisville Metro KY crime data 2024. Retrieved from <https://data.lojic.org/datasets/LOJIC::louisville-metro-ky-crime-data-2023/explore>