

Michigan Center on the Demography of Aging (MiCDA) Geographic Linkages Repository (GLR)

Current Holdings

Updated March 17, 2026

Prepared with funding from the National Institute on Aging (P30AG012846).

Table of Contents

ABOUT THE GEOGRAPHIC LINKAGES REPOSITORY	3
CITING MICDA GEOGRAPHIC LINKAGES REPOSITORY DATA SOURCES	3
DATASETS IN THE GLR	3
CONTEXTUAL DATA RESOURCE (CDR)	3
DARTMOUTH ATLAS OF HEALTH CARE	6
HISTORIC REDLINING	8
IPUMS CONTEXTUAL DETERMINANTS OF HEALTH	8
LONG TERM CARE FOCUS	10
NATIONAL NEIGHBORHOOD DATA ARCHIVE (NANDA)	11
STATE EDUCATION CONTEXTUAL DATA RESOURCE (S-ECDR)	17
STATE POLICY & POLITICS DATABASE (SPPD)	18
U.S. COVID-19 COUNTY POLICY (UCCP) DATABASE	18
QUESTIONS?.....	18
MERGING GLR CONTEXTUAL FILES TO HRS, PSID AND NHATS/NSOC	19

About the Geographic Linkages Repository

MiCDA is partnering with the Health and Retirement Study (HRS), Panel Study of Income Dynamics (PSID) and National Health and Aging Trends Study/National Study of Caregiving (NHATS/NSOC) to make contextual files and related documentation available in the MiCDA Enclave to approved researchers upon request.

The Geographic Linkages Repository (GLR) facilitates linkages at multiple levels of geography (e.g. state, county, tract, zip code) so that researchers can more fully investigate the impact of the environments in which people live and work on later life health, well-being and related inequities.

Citing MiCDA Geographic Linkages Repository Data Sources

By requesting to use data deposited with GLR, you agree to cite any GLR data sources used in your publications and presentations. A list of citations for current holdings in the GLR can be found at micda.isr.umich.edu/micda/linkages.

Datasets in the GLR

Contextual Data Resource (CDR)

The Contextual Data Resource (CDR) is a collection of datasets designed to facilitate research on the role of place in shaping health and well-being. CDR includes measures of health care resources, demographic and socioeconomic data, air quality, crime and the food environment. Measures are available at various levels of geography (e.g., census tract, county, metro area, state). More detailed information can be found on the CDR webpage. The individual datasets are listed below.

Area Health Resources Files (AHRF)

The Area Health Resources Files (AHRF) dataset includes information on the number of health care providers by profession and various types of health care facilities derived from medical associations and professional groups. The health professions data provide information on the supply and demographics of health professions such as primary care physicians, total MDs, doctors, dentists, and nurses. The health facilities data include information on types of health facilities and resources such as services providers, personnel, and beds. Data are longitudinal design, and available by county and year. Years covered include 2000-2019 and vary by dataset. Version 2 of these data were combined into one file; updated in Jan 2026.

Air Pollution: ATMOS

The CDR atmospheric composition data (ATMOS) includes annual air pollution estimates for the United States, including particulate matter 2.5 (PM2.5), sulfate (SO42-), nitrate (NO3-), ammonium (NH4+), organic matter

(OM), black carbon (BC), mineral dust (DUST), and sea salt (SS). These estimates are derived from satellite-, model-, and ground-based data calculated by the Atmospheric Composition Analysis Group (ACAG). Estimates are available from approximately 2000 to 2023 at the census-tract level for the contiguous United States.

Decennial Census and ACS

The Decennial Census and American Community Survey (ACS) contain demographic and socioeconomic data on the US population and housing. The Census and ACS are collected by the U.S. Census Bureau. The HRS-CDR provides Census data for 1990, 2000, and 2010, and ACS data for 2008-12 and 2012-16 at the State, Metropolitan Statistical Area (MSA), County, and Census Tract levels of analysis. Updated February 2024.

EPA Environmental Quality Index

The US Environmental Protection Agency Environmental Quality Index (EQI) Files provide a snapshot of overall environmental quality using principal component analysis on a set of selected data in five domains: air, water, land, built, and sociodemographic environments. Data are available at the county level and includes an overall EQI value and EQI values for each of the five domains. EQI values are provided as 5-year estimates, and data are available for 2000-2005, and 2006-2010.

EPA FAQSD O3 Fused Air Quality

The NO₂ land-use regression model estimate data includes national-scale estimates of NO₂ in the United States. It provides predictions for annual average NO₂ concentrations (ppb) using the land-use regression models. In order to predict NO₂ estimates at the national level, the following input data were used: Fixed-site regulatory monitors, Satellite-derived NO₂ estimates and GIS-derived land-use data. Updated February 2024.

EPA FAQSD PM 2.5 Fused Air Quality

The Fused Air Quality Surface Using Downscaling (FAQSD) Files is derived from data on Ozone (O₃) and Particulate Matter 2.5 (PM_{2.5}). The data provides predictions for national-scale annual average concentration of O₃ (µg/m³) and PM_{2.5} (µg/m³) in the United States using monitoring data and Community Multiscale Air Quality (CMAQ) output. Updated February 2024.

Noise: National Park Service (NPS) Geospatial Sound Monitoring Files

The CDR National Park Service (NPS) Geospatial Sound Monitoring Files include three measurements of all existing sound levels, natural sound levels without human sounds, and impact sound levels calculated as the difference between existing and natural sound levels. CDR provides 3-year

estimates (2013-2015) of these measurements at the census tract-level for the contiguous U.S., Alaska, and Hawaii. Added in 2026.

Nitrogen Dioxide LUR Model Estimates

The nitrogen dioxide (NO₂) land-use regression model estimate data includes national-scale estimates of NO₂ in the United States. It provides predictions for annual average NO₂ concentrations (ppb) using the land-use regression models. In order to predict NO₂ estimates at the national level, the following input data were used: fixed-site regulatory monitors, satellite-derived NO₂ estimates, and GIS-derived land-use data. Data are available at census tract level and organized by time and cover the years 2000-2010.

Street Connectivity

The Street Connectivity dataset contains measures of street connectivity (how well streets connect with one another) within United States census tracts. This includes measures of the number of street segments (links) and intersections (nodes) per tract, street length within tracts, and indices representing overall connectivity within the tract. The dataset is for 2010.

Uniform Crime Reporting

The Uniform Crime Reports (UCR) data includes annual counts of offenses including murder, rape, robbery, aggravated assault, burglary, larceny, auto theft, and arson. The crime counts are available at the county level and organized by year, from 1994 to 2014 and 2016. The UCR data is collected from local law enforcement agencies through the Federal Bureau of Investigation (FBI) Uniform Crime Reporting Program and then aggregated, imputed, and distributed by the National Archive of Criminal Justice Data (NACJD).

USDA Food Environment

The USDA Food Environment and Access dataset provides information on geographic variation in access and proximity to grocery stores, restaurant availability and expenditures, food insecurity and assistance, food prices and taxes, and other food-related measures, as well as fine-grained data on food access for various demographic groups. The USDA dataset is derived from two data files: the Food Environment Atlas, which covers states and counties and spans the years from 2000 through 2016, and the Food Access Research Atlas, with measures from 2010 for census tracts.

Weather: gridMET

The CDR weather data provides monthly measures of heat index categories, wind chill index categories, precipitation, and average temperatures. These measures are available from 1979 to 2023. The measures are calculated from gridMET, which provides daily high-resolution meteorological data. CDR

interpolated gridMET data to the Census tract level and aggregated the data to produce monthly measures.

Dartmouth Atlas of Health Care

These data document variations in how medical resources are distributed and used in the United States. The project uses Centers for Medicare and Medicaid Services (CMS) data to provide information and analysis about national, regional and local markets. Measures are available at various levels (e.g., Hospital Referral Region (HRR), Hospital Service Area (HSA), State and County) and for time periods starting in the 1990s. Each set of files includes a data dictionary. Data files focus on Medicare beneficiaries ages 65 and older. Visit dartmouthatlas.org or <https://dataverse.dartmouth.edu/dataverse/atlas> for further information. The individual datasets are listed below.

These data were added to the GLR in June 2024.

Care for Chronically Ill (Last 2 Years)

Includes files with measures related to end-of-life care for beneficiaries with fee-for-service (FFS) Medicare who were diagnosed with a chronic illness in the last two years of life. Measures include total Medicare spending, days in hospital, days in intensive care, physician and medical specialist visits, and percentage of deaths in the hospital and beneficiaries in hospice care, by HRR and State. Rates are provided for all chronic conditions combined and for cancer for 2001-2019

End-of-Life Inpatient Care

Includes files with measures related to end-of-life inpatient care for beneficiaries with fee-for-service (FFS) Medicare in the last six months of life. Measures include total inpatient spending, days in the hospital, days in intensive care, and percentage of deaths in the hospital, by HRR, HSA, State and County. Rates are provided for all deaths combined for 1994-2019 and also by race and gender for 2008-2019.

Hospital and Physician Capacity

Includes a variety of measures of hospital and physician capacity by geography using data from the American Hospital Association, the CMS Provider of Services files, CMS Cost Reports, the American Medical Association, and the American Osteopathic Association. Rates are provided at the hospital referral region (HRR) and hospital service area (HSA) levels; hospital capacity measures are available for 1996, 2006, and 2012, while physician capacity measures are available for 1996, 2006, and 2011.

Medical and Surgical Discharge Rates

Includes files with a wide variety of medical and surgical discharge rates for fee-for-service (FFS) Medicare beneficiaries, age 65 and older, discharged

from hospitals for medical and surgical conditions by HRR, HSA, State and County. For the 2008-2014 period, the rates provided for each geographic area include overall annual rates, rates stratified by race (black and non-black), and rates stratified by gender (male and female). For 1992-2007 and 2015, only the overall annual rates are provided. In addition, this entry provides national and region-specific rate data for FFS Medicare beneficiaries for treatments related to eight different “preference-sensitive conditions.” The national rates are based on 2003-2008 data, while regional rates are based on 2008-2010 data.

Medicare Reimbursements

Includes longitudinal and single year files with Medicare expenditures. Longitudinal files are based on CMS Claims. 100% sample-based claims available for 2011-2019 and 20% sampled-based claims available for 2003-2010 by HRR, HSA, State and County. Single year measures for 1992-2007 are based on the Continuous Medicare History Sample (CMHS), the original 5% sample used for Atlas reimbursement data, by HRR, HSA and State.

Mortality

Includes files with measures related to mortality among beneficiaries who are ages 65 and older. Measures include overall, HMO beneficiary, and FFS beneficiary mortality rates by HRR, HSA, and State for 1999-2019.

Post-Discharge Events

Includes files with measures related to post-discharge events for beneficiaries with fee-for-service (FFS) Medicare who were discharged from hospitals for medical and surgical conditions. Measures include the percentage readmitted within 30 days, visiting the emergency room within 30 days, seeing a primary care clinician and any clinician within 14 days by HRR, HSA, State, and County. Rates are provided for six different condition groups (medical conditions, surgical conditions, hip fracture, congestive heart failure, acute myocardial infarction, pneumonia) for 2009-2019.

Primary Care Access and Quality Measures

Includes files with measures related to access and quality of primary care visits. Measures include quality of care for diabetic patients, mammography rates, and hospitalization rates for ambulatory care sensitive conditions, by HRR, HSA, State, and County. Rates are provided overall and by race group for 2003-2019.

Supplemental Files

The ZIP code to HSA to HRR crosswalk files allow researchers to aggregate data at the ZIP code level to the hospital service area (HSA) or hospital

referral region (HRR) level. They cover the years 1995-2019. A crosswalk between HSA and HRR IDs is also provided.

Historic Redlining

These data are the Historic Redlining Indicator (HRI) created by the Mapping Inequality project as the summed proportion of the federal Home Owners' Loan Corporation's (HOLC) residential security grades multiplied by a weighting factor based on area within census tracts. A higher score means greater redlining of the census tract. The 1930s HOLC maps were calculated for 2000, 2010 and 2020 census tracts for 142 cities across the U.S. The data contain continuous HRIs and categorical variables as follows: 1 for "A" grade, 2 for "B" grade, 3 for "C" grade, and 4 for "D" grade. More information is available at the Mapping Inequality project website.

IPUMS Contextual Determinants of Health

The IPUMS Contextual Determinants of Health (CDOH) data files provide access to measures of disparities, policies, and counts, by state or county, for historically marginalized populations in the United States including Black, Asian, Hispanic/Latina/o/e/x, LGBTQ+ persons and women. The individual datasets are listed below.

RACE AND ETHNICITY

Educational Inequity

By County, pooled over 5 years 2006-2010 through 2018-2022. Ratio between the proportion of people aged 25 years and older identifying as White alone, not Hispanic or Latino, with a college degree or higher and the proportion of people aged 25 years and older identifying as a different race/ethnic group with a college degree or higher.

Employment Inequity

By County, pooled over 5 years 2006-2010 through 2018-2022. Ratio between the proportion of people aged 16-64, in the civilian labor force, who are employed and identify as White alone, not Hispanic or Latino and the proportion of people aged 16-64, in the civilian labor force, who are employed and identify as a different race/ethnic group.

Homeownership Inequity

By County, pooled over 5 years 2006-2010 through 2018-2022. Ratio between the proportion of householders identifying as White alone, not Hispanic or Latino, who own (as opposed to renting) their home and the proportion of householders identifying as a different race/ethnic group who own their home.

Income Inequity

By County, pooled over 5 years 2006-2010 through 2018-2022. Income inequity is measured using the index of concentration at the extremes (ICE). ICE is a measure of social polarization within a particular geographic unit. It shows whether people or households in a geographic unit are concentrated in privileged or deprived extremes. Our privileged group is the number of households with a householder identifying as White alone, not Hispanic or Latino, with an income equal to or greater than \$100,000. Our deprived group is the number of households with a householder identifying as a different race/ethnic group (e.g., Black alone, Asian alone, Hispanic or Latino), with an income equal to or less than \$25,000.

Residential Segregation – Index of Dissimilarity Inequity

By County, pooled over 5 years 2006-2010 through 2018-2022. Residential segregation measures the physical separation of population groups into different areas (i.e., neighborhoods) in a geographic unit (i.e., a county or city). We report the index of dissimilarity (D) for United States counties in our data file. The index of dissimilarity is a measure of evenness and measures the proportion of a group's population that must move so that each sub-county geographic unit in a county has the same proportion of that group as the county. We use census tracts as our sub-county geographic unit because census tracts nest within counties.

GENDER

Abortion Access (by State, monthly 2009-2022).

The state-level abortion access measure reports the proportion of a state's females aged 15-44 who reside in counties with an abortion provider by year and month from 2009-2022.

Domestic Violence and Gun Ownership (by State, annually 1991-2020).

The state-level domestic violence and gun ownership measure denotes whether a state has a law that prohibits domestic violence offenders from owning firearms above and beyond federal law.

Earnings Ratio (by State, annually 2015-2022).

The state-level earnings ratio compares the median earnings of full-time wage and salary workers identifying as male to the median earnings of full-time wage and salary workers identifying as female in a given state in a given year.

Labor Force Ratio

By State, annually 2015-2022. The state-level labor force ratio compares the proportion of men in the labor force to the proportion of women in the labor force in a given state in a given year.

Paid Family and Medical Leave

By State, annually 2004-2023. The state-level paid family & medical leave measure denotes whether a state has a law that guarantees paid family & medical leave for employees.

Proportion of State Legislators Identifying as Female

By State, annually 2015-2023. The measure captures the proportion of state legislators who identify as female. We compute the proportion for the state legislature as a whole and for the state house and senate legislative chambers.

Poverty Ratio

By State, 2015-2023. The state-level poverty ratio compares the proportion of females living in poverty to the proportion of males living in poverty in a given state in a given year.

Proportion Identifying as LGBTQ+

By State, late 2021 - early 2022. The proportion of a state's population identifying as LGBTQ+ in the U.S. Census Bureau's Household Pulse Survey, Phases 3.2, 3.3, 3.4, and 3.5.

Same-sex households

By County, 2020. The proportion of (1) same-sex unions among all unions, (2) same-sex marriages among all marriages, (3) same-sex marriages among all same-sex unions, and (4) same-sex unions among all households.

POLITICS

County Presidential Results (by County, 2000-2020)

The proportion of votes cast for the Democratic candidate or the Republican candidate in presidential elections.

State Presidential Results (by State, 1976-2020)

The proportion of votes cast for the Democratic candidate or the Republican candidate in presidential elections.

Long Term Care Focus

Long Term Care Focus (LTCFocus) includes data on the health and functional status of nursing home residents, characteristics of care facilities, and data characterizing the

markets in which facilities exist. Compiled data are from the MDS, OSCAR, and sources at the state and county level that characterize policies and market factors affecting nursing home providers. Most measures are available annually from 2000 to 2021. In September 2024 Home Health Focus files were added to LTCFocus for 2016-2019. Data are from the OASIS, a standardized assessment tool completed by agencies providing skilled home health services that are reimbursed by Medicare. Visit lctfocus.org for additional information.

National Neighborhood Data Archive (NaNDA)

NaNDA is a nationwide collection of data with measures of the demographic, economic, social and physical environments, generally at the level of Zip Code Tabulation Areas (ZCTA) and Census Tract. A Zip Code to ZCTA crosswalk is included. More detailed information can be found on the NaNDA webpage and at OpenICPSR. The individual datasets are listed below.

Air Conditioning Probability

This dataset provides estimates of the probability that housing units have central air conditioning (central AC) in 2016 across United States Census Tracts using the 2010 FIPS code. For each tract, it includes the mean, minimum, maximum, median, and interquartile range (25th and 75th percentiles) of central AC probability, as well as the number of valid values used in these calculations.

Arts, Entertainment, and Recreation Organizations

These datasets contain measures of the number and per capita density of select types of arts, entertainment, and recreation organizations—such as museums, libraries, spectator sports organizations, amusement parks, fitness centers, bowling alleys, and casinos per United States census tract or ZCTA from 1990-2021.

Broadband Internet Availability, Speed, and Adoption

These datasets contain measures of broadband internet access and usage per census tract or ZCTA in 2014 through 2020. The data are derived primarily from internet service providers' Form 477 reports to the Federal Communications Commission. Key variables include the average upload and download speed of fixed broadband connections, the number of internet service providers, and the number of households with broadband.

Civil, Social, And Religious Organizations

This dataset contains measures of the number and density of select types of civic, social, and religious organizations per United States Census Tract or ZIP Code Tabulation Area (ZCTA) from 1990 through 2021. The dataset

includes four separate files for four different geographic areas (GIS shapefiles from the United States Census Bureau).

Crimes

This dataset contains county-level totals for the years 2002-2014 for eight types of crime: murder, rape, robbery, aggravated assault, burglary, larceny, motor vehicle theft, and arson. These crimes are classed as Part I criminal offenses by the United States Federal Bureau of Investigations (FBI) in their Uniform Crime Reporting (UCR) program. Each record in the dataset represents the total of each type of criminal offense reported in (or, in the case of missing data, attributed to) the county in a given year.

Dollar Stores

These datasets contain measures of the number and density of dollar stores per United States census tract or ZCTA from 1990-2021.

Eating and Drinking Places

These datasets contain measures of the number and density of eating and drinking places – including fast food restaurants, coffee shops, and bars – per census tract or ZCTA in the United States from 1990-2021.

Education and Training Services

These datasets contain measures of the number and per capita density of education and training services per United States census tract or ZCTA from 2003 through 2017. This includes traditional education establishments such as elementary schools, secondary schools, and colleges, as well as businesses offering specialized training such as art classes, driving instruction, computer training, and standardized test preparation.

Essential Businesses

This dataset contains measures of the number and density of businesses and their employees deemed essential in the first year (2020) of the COVID-19 pandemic by the US Department of Homeland Security's Cybersecurity & Infrastructure Security Agency (CISA) in versions 3.0 (April 17, 2020) and 4.0 (August 18, 2020) of their advisory guidance on the essential critical infrastructure workforce. Measures are provided for 2020 per United States Census Tract or ZIP Code Tabulation Area (ZCTA).

Essential Workers

During the COVID-19 pandemic, certain occupations and industries were deemed "essential", and typically included individuals who worked in healthcare, food service, public transportation, etc. However, early on in the pandemic, while these workers faced disproportionately higher risks, they often did not receive adequate personal protective equipment (PPE), were

unable to work from home, and were limited in their ability to take other precautions to safeguard their health (Chen et al., 2021). As a result, previous studies have documented higher rates of infection, hospitalization, and death among essential workers compared to their non-essential worker counterparts (Selden & Berdahl, 2021; Wei et al., 2022). This dataset provides users with information on the number and proportion of essential workers in census tracts or ZIP Code tabulation areas (ZCTAs) in the United States over the 2016-2020 period. These data were added to the GLR in June 2024.

Grocery Stores

These datasets contain measures of the number and density of grocery stores – including supermarkets, specialty food stores, and warehouse clubs – per United States census tract or ZCTA from 2003 through 2017. These types of businesses represent places where neighborhood residents can obtain fresh and healthy foods.

Health Care Services

These datasets describe the number and density of health care services in each census tract or ZCTA in the United States from 1990-2021. The data includes counts, per capita densities, and area densities for many types of businesses in the health care sector, including doctors, dentists, mental health providers, nursing homes, and pharmacies.

Home Mortgage

The Home Mortgage Disclosure Act (HMDA) database (Consumer Financial Protection Bureau, 2022) has compiled mortgage lending data since 1981, but the collection and dissemination methods have changed over time (Federal Financial Institutions Examination Council, 2018), creating barriers to conducting longitudinal analyses. This HMDA Longitudinal Dataset (HLD) organizes and standardizes information across different eras of HMDA data collection between 1981 and 2020, enabling such analysis. The data in the GLR are HMDA aggregated data by census tract for each decade. Items for analysis include borrower income values, mortgages by loan type (e.g., conventional, Federal Housing Administration (FHA), Veterans Affairs (VA), refinances), and mortgages by borrower race and gender.

Hospitals

This dataset contains measures of the number and density of hospitals per United States Census Tract or ZIP Code Tabulation Area (ZCTA) in 2023.

Internet Access

These datasets contain measures of internet access per United States census tract or ZCTA from the 2015-2019 American Community Survey five-

year estimate. Key variables include the number and percent of households with any type of internet subscription, with broadband internet, and with a computer or smartphone.

Land Cover

These datasets contain measures of land cover (e.g., low-, medium-, or high-density development, forest, wetland, open water) derived from the National Land Cover Database (NLCD) and aggregated by US census tract or ZCTA for 1985 through 2023. Land cover is measured both in total square meters and as a proportion of all land within the tract or ZCTA.

Law Enforcement Organizations

These datasets contain measures of the number and per capita density of law enforcement and safety organizations—such as police and fire departments, courts, jails, and lawyers—per United States census tract or ZCTA from 1990-2021.

Libraries

This dataset contains measures of the number and density of libraries per United States Census Tract or ZIP Code Tabulation Area (ZCTA) from 1992-2021.

Liquor, Tobacco, and Convenience Stores

These datasets contain measures of the number and density of liquor, tobacco, and convenience stores per United States census tract or ZCTA from 1990-2021.

Neighborhood-School Gap

These datasets contain measures of neighborhood-school gap for 2009-2010 and 2015-2016. Neighborhood-school gap (NS gap) refers to the discrepancy between the demographics of a public school and its surrounding community. For example, if 60% of a school's student body is Black, but 30% of the neighborhood population is Black, the school has a positive Black neighborhood-school gap. The datasets measure gaps in race and poverty between elementary school student populations and the census tracts or ZCTAs that those elementary schools serve. Supplemental data containing component variables used to calculate NS gap at the school and block group level is also available.

Ophthalmologists

This dataset contains measures of the number and density of ophthalmologists per United States Census Tract or ZIP Code Tabulation Area (ZCTA) from 1990 through 2021.

Parks

These datasets describe the number and area of parks in each census tract or ZCTA in the United States for 2018 and 2022. Measures include the total number of parks, park area, and proportion of park area within each census tract or ZCTA.

Personal Care Services and Laundromats

These datasets contain measures of the number and per capita density of personal care services (such as barber shops, hair and nail salons, and spas) and laundromats per United States census tract or ZCTA from 1990-2021.

Polluting Sites

These datasets contain counts of polluting sites in each United States census tract or ZCTA and within a 0.5-mile buffer to capture spillover effects from 1987-2021. Polluting sites are taken from the US Environmental Protection Agency's (EPA) Toxics Release Inventory. These facilities are typically larger and involved in manufacturing, metal mining, electric power generation, chemical manufacturing, and hazardous waste treatment.

Post Offices and Banks

These datasets contain measures of the number and per capita density of post offices and banks per United States census tract or ZCTA from 1990-2021.

Primary and Secondary Roads

These datasets contain measures of primary and secondary roads (highways and main arteries) per United States census tract or ZCTA in 2010 and 2020. These measures may be used as a proxy for heavy traffic, high traffic speeds, and impediments to walking or biking. Variables include counts of primary, secondary, and all streets per tract or ZCTA; total length of primary, secondary, and all streets per tract or ZCTA; ratio of primary and/or secondary road counts to all roads; and ratio of length of primary/secondary roads to all streets.

PRISM Climate

The PRISM NaNDA dataset provides daily weather data—minimum temperature (tmin), maximum temperature (tmax), and precipitation (ppt)—for all census tracts in the contiguous United States (CONUS) from 1981 to 2024. These data are derived from Oregon State University's PRISM Climate Group (Northwest Alliance for Computational Science & Engineering & Oregon State University, 2025), which produces high-resolution (4 km x 4 km) gridded climate estimates.

In addition to daily values, the dataset includes two types of annual tract-level summary measures: (1) Percentiles (0.5th, 1st, 5th, 50th, 95th, 99th, and 99.5th), calculated using a rolling 10-year window of historical data, available for tmin, tmax, and ppt. (2) Percents, representing the proportion of days per year that fall above or below these percentile thresholds, available for tmin and tmax only. These features enable robust analyses of long-term environmental trends, extreme weather events, and their potential impacts on population health.

Public Transit Stops

These datasets list the number of public transit stops per United States census tract or ZCTA based on data from the National Transit Map (NTM). Each observation represents the count and density (per capita and square mile) of transit stops within a census tract or ZCTA, as voluntarily reported to NTM between 2016 and 2018 by one of 270 regional transit agencies choosing to participate. Data were also compiled on January 13, 2024 from the Bureau of Transportation Statistics.

Religious, Civic, and Social Organizations

These datasets contain measures of the number and per capita density of select types of religious, civic, and social organizations – such as churches, mosques, synagogues, ethnic associations, and veterans’ associations – per United States census tract or ZCTA from 2003 through 2017.

Retail Establishments

These datasets contain measures of the number and per capita density of select types of retail establishments—such as clothing, department, building and garden, furniture, and thrift stores—per United States census tract or ZCTA from 1990-2021.

School Counts and Characteristics

These datasets contain data on schools and school districts by district, census tract or ZCTA within the United States from 2000 through 2018. Key variables include district-level enrollment by race and ethnicity; numbers of teachers and counselors; teacher-student ratios; counts of public, private, and charter schools within districts; and expenditures and revenue, including per-pupil revenue.

SES and Demography

These datasets contain measures of socioeconomic and demographic characteristics by US census tract or ZCTA for different years through 1990-2022. Example measures include population density; population distribution by race, ethnicity, age, and income; and proportion of population living below the poverty level, receiving public assistance, and female-headed families.

The dataset also contains a set of index variables to represent neighborhood disadvantage and affluence.

Social Services

These datasets contain measures of the number and per capita density of social services—such as senior centers, youth centers, food banks, job training programs, and day care centers—per United States census tract or ZCTA from 1990-2021.

Street Connectivity

These datasets contain measures of street connectivity (how well streets connect with one another) within all United States census tracts or ZCTAs for 2010 and 2020. This includes measures of the number of street segments (links) and intersections (nodes) per tract, street length within tracts, and indices representing overall connectivity within the tract or ZCTA.

Traffic Volume

These datasets contain measures of traffic volume per census tract or ZCTA in the United States from 1963 to 2019 (primarily 1997 to 2019). High traffic volume may be used as a proxy for heavy traffic, high traffic speeds, and impediments to walking or biking. The dataset contains measures of the average, maximum, and minimum traffic volume per tract or ZCTA per year. These figures are available for all streets, highways, and non-highways.

Urbanicity

This dataset contains measures of the urban/rural characteristics of each census tract in the United States for 2010. These include proportions of urban and rural population, population density, rural/urban commuting area (RUCA) codes, and RUCA-based four- and seven- category urbanicity scales.

Voter Registration, Turnout, and Partisanship

This dataset contains counts of voter registration and voter turnout for all counties in the United States for the years 2004-2018. It also contains measures of each county's Democratic and Republican partisanship, including six-year longitudinal partisan indices for 2006-2016.

Weather

These datasets contain measures of weather by county for the years 2003-2016. Measures include average daily temperature, freezing days, cold days, hot days, rainy days, and snowy days.

State Education Contextual Data Resource (S-ECDR)

The State Education Contextual Data Resource (S-ECDR) is a historical dataset that compiles state-level indicators of public education systems in the United States from 1919/20 through 1973/74. The dataset includes measures related to public school financing, teacher characteristics, school and classroom contexts, and segregation. The S-ECDR captures 43 key analytic indicators of state-level education context and quality spanning 1919/20-1973/74, along with supplementary variables such as CPI-adjusted and flag variables.

These data were added to the GLR in October 2025.

State Policy & Politics Database (SPPD)

The State Policy & Politics Database (SPPD) contains annual data on specific state policies, state policy indices such as the SPPD State Policy Index, and the political ideology of states' government and residents. The variables are particularly relevant for population health. The SPPD includes several categories of policies, including labor and economic policies (e.g., minimum wage levels, right to work laws), social safety net policies (e.g., earned income tax credits, SNAP), and behavior policies (e.g., tobacco taxes, opioid prescribing). Most measures in V2.0 are available annually from 1980 through 2023 and some are available through 2024. More detailed information can be found on the SPPD website. The GLR has versions 1.1, 1.2, and 2.0 available for use.

These data were updated in March 2026.

U.S. COVID-19 County Policy (UCCP) Database

The U.S. COVID-19 County Policy (UCCP) Database presents and assesses geographic and longitudinal variation in U.S. COVID-19-related policies at the county and state levels for 309 counties in 50 states and Washington D.C. Although these counties are not nationally representative, they included over half of the U.S. population and are diverse with respect to geography, the race/ethnicity of residents, and political climate. Weekly data were collected between January 2020 and December 2021 on a wide range of COVID-19-related policies that were in effect, providing a longitudinal picture of county policies during that period.

Questions?

For more information about the specific holdings in the GLR and their associated citations, see the “MiCDA GLR Citation List” document posted on <https://micda.isr.umich.edu/enclave/linkages/>.

If you have questions about the MiCDA Enclave or Geographic Linkages Repository, please contact Anne Blumenthal at anneblue@umich.edu.

Merging GLR Contextual Files to HRS, PSID and NHATS/NSOC

The table below is an overview of the geographic level at which contextual data can be merged with HRS, PSID and NHATS/NSOC.

MiCDA GLR Geographic Levels Available for Merging			
	HRS	PSID	NHATS/NSOC
CDR: Area Health Resources Files	State, County	State, County	State, County
CDR: Decennial Census and ACS	State, County, Tract	State, County, Tract	State, County, Tract
CDR: NO2 Land-Use Estimate Data	State, Tract	State, Tract	State, Tract
CDR: EPA FAQSD O3 Fused Air Quality*	State, County, Tract	State, County, Tract	State, County, Tract
CDR: EPA FAQSD PM 2.5 Fused Air Quality*	State, County, Tract	State, County, Tract	State, County, Tract
CDR: Uniform Crime Reporting	State, County	State, County	State, County
CDR: USDA Food Environment	State, County, Tract	State, County, Tract	State, County, Tract
Dartmouth Atlas of Health Care (all rate files)	State, County, HRR, HSA	State, County, HRR, HSA	State, County, HRR, HSA
Dartmouth Atlas of Health Care (ZIP Code crosswalk)	ZIP Code, City, State, HRR, HSA	ZIP Code, City, State, HRR, HSA	ZIP Code, City, State, HRR, HSA
Historic Redlining	Tract	Tract	Tract
IPUMS CDOH: Race and Ethnicity	State, County	State, County	State, County
IPUMS CDOH: Gender	State, County	State, County	State, County
IPUMS CDOH: Politics	State, County	State, County	State, County
LTCFocus Database	State, County	State, County	State, County
NaNDA	State, County, ZIP Code, Tract	State, County, ZIP Code, Tract	State, County, ZIP Code, Tract
State Policy & Politics Database	State	State	State
UCCP: COVID-19	State, County	State, County	State, County
*State, County, and Tract are contained in one variable. Some data manipulation may be required to link to other data sets.			

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
Contextual Data Resource (CDR)	Air Pollution/Nitrogen Dioxide (Version 1)	Jennifer Ailshire and Hyewon Kang. 2018. Contextual Data Resource (CDR): Nitrogen Dioxide LUR Model Estimates, 2000-2010, Version 1.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	3/27/23	CDR\NO2 Land Use Estimates
Contextual Data Resource (CDR)	Air Pollution/Ozone (Version 2)	Jennifer Ailshire and Hyewon Kang. 2020. United States Environmental Protection Agency Ozone FAQSD Files by Census Tract, 2002-2016, Version 2.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	8/23/23	CDR\EPA FAQSD\O3 Fused Air Quality
Contextual Data Resource (CDR)	Air Pollution/Ozone (Version 3)	Jennifer Ailshire, Jong Woo Nam, Eun Young Choi. 2024. Contextual Data Resource (CDR): United States Environmental Protection Agency Ozone FAQSD Files by Census Tract, 2002-2020, Version 3.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	6/21/24	CDR\EPA FAQSD\O3 Fused Air Quality v3
Contextual Data Resource (CDR)	Air Pollution/Particulate Matter (Version 3)	Jennifer Ailshire, Jong Woo Nam, Eun Young Choi. 2024. Contextual Data Resource (CDR): United States Environmental Protection Agency Particulate Matter 2.5 FAQSD Files by Census Tract, 2002- 2020, Version 3.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	7/30/24	CDR\EPA FAQSD\PM2.5 Fused Air Quality v3
Contextual Data Resource (CDR)	Area Health Resources Files (AHRF)	Ailshire, Jennifer, Sarah Mawhorter, Hyewon Kang. 2021. Contextual Data Resource (CDR): Area Health Resources Files by County, 2000-2019. Version 1.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	1/16/26	CDR\AHRF
Contextual Data Resource (CDR)	Crime	Ailshire, Jennifer, Sarah Mawhorter, and Hyewon Kang. 2020. Contextual Data Resource (CDR): Uniform Crime Reports by County, 1994-2016. Version 2.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	11/22/22	CDR\Uniform Crime Reports
Contextual Data Resource (CDR)	Demography and SES (1-year data. Version 3)	Jennifer Ailshire, Jong Woo Nam, Eun Young Choi. 2024. Contextual Data Resource (CDR): American Community Survey 1-year Data, 2006-2021, Version 3.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	7/30/24	CDR\Decennial Census and ACS v3
Contextual Data Resource (CDR)	Demography and SES (5-year data. Version 3)	Jennifer Ailshire, Jong Woo Nam, Eun Young Choi. 2024. Contextual Data Resource (CDR): US Decennial Census and American Community Survey Data, 1990-2021, Version 3.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	7/30/24	CDR\Decennial Census and ACS v3
Contextual Data Resource (CDR)	Demography and SES (Version 2)	Jennifer Ailshire, Sarah Mawhorter, Eun Young Choi. 2020. Contextual Data Resource (CDR): United States Decennial Census and American Community Survey Data, 1990-2018, Version 2.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	11/8/22	CDR\Decennial Census and ACS v2x
Contextual Data Resource (CDR)	EPA Environmental Quality Index	Jennifer Ailshire, Kate Vavra-Musser, Calley E. Fisk. 2025. Contextual Data Resource (CDR): United States Environmental Protection Agency Environmental Quality Index Files by County, 2000/05 and 2006/10. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	1/16/26	CDR\EPA EQI
Contextual Data Resource (CDR)	Food Environment	Jennifer Ailshire, Sarah Mawhorter, Matthew M. Young, and Yeon Jin Choi. 2020. Contextual Data Resource (CDR): United States Department of Agriculture Food Environment Atlas by State and County and Food Access Research Atlas by Census Tract, 2000-2016. Version 2.0. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	11/8/22	CDR\USDA Food Environment
Contextual Data Resource (CDR)	NPS Geospatial Sound Modeling Files	Jennifer Ailshire, Kate Vavra-Musser, Calley E. Fisk. 2024. Contextual Data Resource (CDR): National Park Service Geospatial Sound Modeling Files by Census Tract, 2013/15. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	1/16/26	CDR\NPS Noise
Contextual Data Resource (CDR)	Street Connectivity	Ailshire, Jennifer, Robert Melendez, and Megan Chenoweth. 2021. Street Connectivity. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	11/22/22	CDR\Street Connectivity
Contextual Data Resource (CDR)	Weather: gridMET	Ailshire, J.A., Nam, J. W., Vavra-Musser, K., Choi, E.Y., Fisk, C.E. 2025. Contextual Data Resource (CDR): gridMET Weather Data. Los Angeles, CA: USC/UCLA Center on Biodemography and Population Health.	1/16/26	CDR\Weather gridMET

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
Dartmouth Atlas of Health Care	Care for Chronically Ill (Last 2 Years)	<p>In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830.</p> <p>In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "End-of-Life Care for Medicare Patients with Severe Chronic Illness (2001-2019)", accessed November 2023 at https://data.dartmouthatlas.org/eol-chronic/. Also available from the Dartmouth Dataverse at https://doi.org/10.21989/D9/X53RU2.</p>	11/16/23	DartmouthAtlasofHealth\CareforChronicallyIll
Dartmouth Atlas of Health Care	End-of-Life In-patient Care	<p>In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830.</p> <p>In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "End of Life Inpatient Care (1994-2019)", accessed November 2023 at https://data.dartmouthatlas.org/end-of-life-care. Also available from the Dartmouth Dataverse at https://doi.org/10.21989/D9/WX4EHG.</p>	11/16/23	DartmouthAtlasofHealth\End-of-LifeInpatientCare
Dartmouth Atlas of Health Care	Hospital and Physician Capacity	<p>In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830.</p> <p>In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "Hospital and Physician Capacity (1996, 2006, 2011, and 2012)", accessed November 2023 at https://data.dartmouthatlas.org/capacity/. Also available from the Dartmouth Dataverse at https://doi.org/10.21989/D9/QRWSDG.</p>	11/17/23	DartmouthAtlasofHealth\HospitalandPhysicianCapacity

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
Dartmouth Atlas of Health Care	Medical Discharge Rates	<p>In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830.</p> <p>In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "Medical and Surgical Discharge Rates (1992-2015)", accessed November 2023 at https://data.dartmouthatlas.org/medical-discharges/. Also available from the Dartmouth Dataverse at https://doi.org/10.21989/D9/WG34VO,</p>	11/17/23	DartmouthAtlasofHealth\Medi calDischargeRates
Dartmouth Atlas of Health Care	Medicare Reimbursements	<p>In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830.</p> <p>In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "Medicare Reimbursements (1992-2019)", accessed November 2023 at https://data.dartmouthatlas.org/medicare-reimbursements/. Also available from the Dartmouth Dataverse at https://data.dartmouthatlas.org/medicare-reimbursements/ https://doi.org/10.21989/D9/FITTS,</p>	11/16/23	DartmouthAtlasofHealth\Medi careReimbursement
Dartmouth Atlas of Health Care	Mortality	<p>In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830.</p> <p>In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "Post-Discharge Events (2004, 2008-2019)", accessed November 2023 at https://data.dartmouthatlas.org/mortality/. Also available from the Dartmouth Dataverse at https://doi.org/10.21989/D9/MWPI6R</p>	11/17/23	DartmouthAtlasofHealth\Morta lity

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
Dartmouth Atlas of Health Care	Post-Discharge Events	In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830. In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "Post-Discharge Events (2004, 2008-2019)", accessed November 2023 at https://data.dartmouthatlas.org/post-discharge/ . Also available from the Dartmouth Dataverse at https://doi.org/10.21989/D9/OP5WCG ,	11/17/23	DartmouthAtlasofHealth\Post-DischargeEvents
Dartmouth Atlas of Health Care	Primary Care Access and Quality Measures	In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830. In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "Primary Care Access and Quality (2003-2019)", accessed November 2023 at https://data.dartmouthatlas.org/primary-care/ . Also available from the Dartmouth Dataverse at https://doi.org/10.21989/D9/WEQ6ON .	11/16/23	DartmouthAtlasofHealth\PrimaryCareAccess
Dartmouth Atlas of Health Care	Supplemental Files	In-text acknowledgement: The data set forth in this [publication/press release] was obtained from the Dartmouth Atlas Data website, which was funded by the Robert Wood Johnson Foundation, The Dartmouth Clinical and Translational Science Institute, under award number UL1TR001086 from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), and in part, by the National Institute of Aging, under award number U01 AG046830. In references: Alford-Teaster, Jennifer; Bronner, Kristen; Bubolz, Tom; Carmichael, Don; Chakraborti, Gouri; Chang, Chiang-Hua; Chasan-Taber, Scott; Dong, Jennifer; Erickson, Ashleigh; Gawlinski, Edward; Gottlieb, Daniel J.; Lan, Jia; Leggett, Christopher; Murphy, Megan; Peng, Zhao; Punjasthitkul, Sukdith; Raymond, Stephanie R.; Schmidt, Rachel; Sharp, Sally; Smith, Jeremy; Song, Yunjie; Su, Yin; Sutherland, Jason; Toler, Andrew; Tomlin, Stephanie; Wasserman, Jared; Young, Christopher; Zaha, Rebecca; Weiping, Zhou, 2024, "Supplemental Files-Crosswalks", accessed November 2023 at https://data.dartmouthatlas.org/supplemental/#crosswalks .	11/17/23	DartmouthAtlasofHealth\ZIPCodeCrosswalks
Historic Redlining Indicator (HRI) data	Historic Redlining	Meier, Helen C.S., and Mitchell, Bruce C. . Historic Redlining Indicator for 2010 and 2020 US Census Tracts. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2023- 09-25. https://doi.org/10.3886/E141121V3	6/11/24	HistoricRedlining
IPUMS Contextual Determinants of Health	Abortion Access	Hyunjae Kwon, Claire Kamp Dush, Wendy Manning, and David Van Riper. Sexism - state - abortion access. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-007.2024-02	5/23/24	IPUMS_CDOH\AbortionAccess
IPUMS Contextual Determinants of Health	County Presidential Results	Claire Kamp Dush, Wendy Manning, and David Van Riper. Politics - county - presidential election results. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-015.2024-02	5/23/24	IPUMS_CDOH\PresidentialResults\By_County

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
IPUMS Contextual Determinants of Health	Domestic Violence and Gun Ownership	Claire Kamp Dush, Wendy Manning, and David Van Riper. Sexism - state - domestic violence and gun ownership. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2023. https://doi.org/10.18128/M130-005.2023-04	5/23/24	IPUMS_CDOH\DomesticViolence
IPUMS Contextual Determinants of Health	Earnings Ratio	Claire Kamp Dush, Wendy Manning, and David Van Riper. Sexism - state - earnings ratio. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-001.2024-02	5/23/24	IPUMS_CDOH\EarningsRatio
IPUMS Contextual Determinants of Health	Educational Inequity	Rachel Hardeman, Claire Kamp Dush, Wendy Manning, and David Van Riper. Racism - county - educational inequity. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-009.2024-02	5/23/24	IPUMS_CDOH\EducationalInequity
IPUMS Contextual Determinants of Health	Employment Inequity	Rachel Hardeman, Claire Kamp Dush, Wendy Manning, and David Van Riper. Racism - county - employment inequity. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-010.2024-02	5/23/24	IPUMS_CDOH\EmploymentInequity
IPUMS Contextual Determinants of Health	Homeownership Inequity	Rachel Hardeman, Claire Kamp Dush, Wendy Manning, and David Van Riper. Racism - county - educational inequity. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-009.2024-04	5/23/24	IPUMS_CDOH\HomeownershipInequity
IPUMS Contextual Determinants of Health	Income Inequity	Rachel Hardeman, Claire Kamp Dush, Wendy Manning, and David Van Riper. Racism - county - educational inequity. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-009.2024-05	5/23/24	IPUMS_CDOH\IncomeInequity
IPUMS Contextual Determinants of Health	Labor Force Ratio	Claire Kamp Dush, Wendy Manning, and David Van Riper. Sexism - state - labor force ratio. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-002.2024-02	5/23/24	IPUMS_CDOH\LaborForceRatio
IPUMS Contextual Determinants of Health	Paid Family and Medical Leave	Claire Kamp Dush, Wendy Manning, and David Van Riper. Sexism - state - paid family & medical leave. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-004.2024-02	5/23/24	IPUMS_CDOH\FamilyMedicalLeave
IPUMS Contextual Determinants of Health	Poverty Ratio	Claire Kamp Dush, Wendy Manning, and David Van Riper. Sexism - state - poverty ratio. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-003.2024-02	5/23/24	IPUMS_CDOH\PovertyRatio
IPUMS Contextual Determinants of Health	Proportion Identifying as LGBTQ+	Christopher Julian, Claire Kamp Dush, Wendy Manning, and David Van Riper. Cisheterosexism - state - proportion of population identifying as LGBTQ+. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2023. https://doi.org/10.18128/M130-008.2023-04	5/23/24	IPUMS_CDOH\ProportionLGBTQ+
IPUMS Contextual Determinants of Health	Proportion of State Legislators Identifying as Female	Claire Kamp Dush, Wendy Manning, and David Van Riper. Sexism - state - proportion of state legislators identifying as female. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-006.2024-02	5/23/24	IPUMS_CDOH\FemaleLegislators
IPUMS Contextual Determinants of Health	Residential Segregation – Index of Dissimilarity Inequity	Rachel Hardeman, Claire Kamp Dush, Wendy Manning, and David Van Riper. Racism - county - educational inequity. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-009.2024-06	5/23/24	IPUMS_CDOH\ResidentialSegregation
IPUMS Contextual Determinants of Health	Same-sex households	Claire Kamp Dush, Wendy Manning, and David Van Riper. Cisheterosexism - county - same-sex households. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-016.2024-02	5/23/24	IPUMS_CDOH\Same-sexHouseholds
IPUMS Contextual Determinants of Health	State Presidential Results	Claire Kamp Dush, Wendy Manning, and David Van Riper. Politics - state - presidential election results. IPUMS Contextual Determinants of Health. Minneapolis, MN: IPUMS. 2024. https://doi.org/10.18128/M130-014.2024-02	5/23/24	IPUMS_CDOH\PresidentialResultsBy_State

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
Long Term Care Focus (LTCFocus)	Home Health Focus (State & County)	In-text acknowledgement: LTCFocus is sponsored by the National Institute on Aging (P01AG027296) through a cooperative agreement with the Brown University School of Public Health. In references: LTCFocus Public Use Data sponsored by the National Institute on Aging (P01AG027296) through a cooperative agreement with the Brown University School of Public Health. Available at www.ltcfocus.org . https://doi.org/10.26300/h9a2-2c26	10/17/24	LTCFocus
Long Term Care Focus (LTCFocus)	Long Term Care (County)	In-text acknowledgement: LTCFocus is sponsored by the National Institute on Aging (P01AG027296) through a cooperative agreement with the Brown University School of Public Health. In references: LTCFocus Public Use Data sponsored by the National Institute on Aging (P01AG027296) through a cooperative agreement with the Brown University School of Public Health. Available at www.ltcfocus.org . https://doi.org/10.26300/h9a2-2c26	8/23/23	LTCFocus
Long Term Care Focus (LTCFocus)	Long Term Care (State)	In-text acknowledgement: LTCFocus is sponsored by the National Institute on Aging (P01AG027296) through a cooperative agreement with the Brown University School of Public Health. In references: LTCFocus Public Use Data sponsored by the National Institute on Aging (P01AG027296) through a cooperative agreement with the Brown University School of Public Health. Available at www.ltcfocus.org . https://doi.org/10.26300/h9a2-2c26	8/23/23	LTCFocus
National Neighborhood Data Archive (NaNDA)	Air Conditioning Probability by Census Tract, United States, 2016	Gronlund, Carina, Melendez, Robert, Clarke, Philippa, and Gypin, Lindsay. National Neighborhood Data Archive: Air Conditioning Probability by Census Tract, United States, 2016. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2025-08-21. https://doi.org/10.3886/E237305V1	1/16/26	NANDA\AirConditioning
National Neighborhood Data Archive (NaNDA)	Arts, Entertainment, and Leisure Organizations (Census Tract and ZCTA, Version 2), 2010 and 2020 boundaries	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Arts, Entertainment, and Leisure Establishments by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-27. https://doi.org/10.3886/E209163V2	11/14/24	NANDA\Arts_Entertainment_Leisure_Orgs_1990-2021_v2
National Neighborhood Data Archive (NaNDA)	Arts, Entertainment, and Recreation Organizations (Census Tract, Version 2)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Arts, Entertainment, and Recreation Organizations by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-26. https://doi.org/10.3886/E115543V2	11/14/24	NANDA\Arts_Entertainment_Recreation
National Neighborhood Data Archive (NaNDA)	Arts, Entertainment, and Recreation Organizations (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Arts, Entertainment, and Recreation Organizations by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-26. https://doi.org/10.3886/E125223V1	8/11/22	NANDA\Arts_Entertainment_Recreation
National Neighborhood Data Archive (NaNDA)	Broadband Internet Availability, Speed, and Adoption (Census Tract, Version 2)	Li, Mao, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Broadband Internet Availability, Speed, and Adoption by Census Tract, United States, 2014-2020. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-10-21. https://doi.org/10.3886/E117866V2	8/11/22	NANDA\Broadband_Availability_Speed_By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Broadband Internet Availability, Speed, and Adoption (ZIP Code Tabulation Area, Version 2)	Li, Mao, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Broadband Internet Availability and Speed by ZIP Code Tabulation Area, United States, 2014-2020. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-10-21. https://doi.org/10.3886/E128841V2	8/11/22	NANDA\Broadband_Availability_Speed_By_ZCTA
National Neighborhood Data Archive (NaNDA)	Civic, Social, and Religious Organizations (Census Tract and ZCTA, Version 1)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Civic, Social, and Religious Organizations by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-07-24. https://doi.org/10.3886/E207966V1	11/14/24	NANDA\Civil_Social_Religious_Orgs_1990-2021_v1

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	Crimes (County, Version 1)	Clarke, Philippa, Melendez, Robert, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Crimes by County, United States, 2002-2014. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2019-12-02. https://doi.org/10.3886/E115006V1	8/11/22	NANDA\Crimes\By_County
National Neighborhood Data Archive (NaNDA)	Dollar Stores (Census Tract and ZCTA, version 1), 2010 and 2020 boundaries	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Dollar Stores by Census Tract and ZCTA, United States, 1990- 2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-26. https://doi.org/10.3886/E209324V1	8/11/22	NANDA\Dollar_Stores_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Dollar Stores (Census Tract, Version 1)	Gomez-Lopez, Iris, Esposito, Michael, Li, Mao, Finlay, Jessica, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Dollar Stores by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-12. https://doi.org/10.3886/E123802V1	11/14/24	NANDA\Dollar_Stores\By_County
National Neighborhood Data Archive (NaNDA)	Dollar Stores (ZIP Code Tabulation Area, Version 1)	Gomez-Lopez, Iris, Esposito, Michael, Li, Mao, Finlay, Jessica, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Dollar Stores by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-12. https://doi.org/10.3886/E123801V1	11/14/24	NANDA\Dollar_Stores\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Eating and Drinking Places (Census Tract and ZCTA, version 1), 2010 and 2020 boundaries	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Eating and Drinking Places by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-04. https://doi.org/10.3886/E208751V1	11/14/24	NANDA\Eating_Drinking_Places_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Eating and Drinking Places (Census Tract, Version 2)	Esposito, Michael, Li, Mao, Finlay, Jessica, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Eating and Drinking Places by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-09-16. https://doi.org/10.3886/E115404V2	8/11/22	NANDA\Eating_Drinking_Places\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Eating and Drinking Places (ZIP Code Tabulation Area, Version 1)	Esposito, Michael, Li, Mao, Finlay, Jessica, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Eating and Drinking Places by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-09-16. https://doi.org/10.3886/E121741V1	8/11/22	NANDA\Eating_Drinking_Places\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Education and Training Services (Census Tract, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Education and Training Services by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-12-07. https://doi.org/10.3886/E127681V1	8/11/22	NANDA\Education_Training_Services\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Education and Training Services (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Education and Training Services by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-12-07. https://doi.org/10.3886/E127682V1	8/11/22	NANDA\Education_Training_Services\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Essential Businesses (Census Tracts and ZIP Code Tabulation Areas, version 1)	Melendez, Robert, Philippa Clarke, Grace Noppert, and Lindsay Gypin. "National Neighborhood Data Archive (NaNDA): Essential Businesses in Census Tracts or ZIP Code Tabulation Areas, United States, 2020." Ann Arbor, MI: Inter-university Consortium for Political and Social Research (ICPSR) [distributor], January 13, 2026. doi: https://doi.org/10.3886/ICPSR301419.V1 .	1/16/26	NANDA\Essential_Biz
National Neighborhood Data Archive (NaNDA)	Essential Workers (Census Tract and ZIP Code Tabulation Area, Version 1)	Duchowny, Kate, Melendez, Robert, Noppert, Grace, Clarke, Philippa, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Essential Workers by Census Tract and ZIP Code Tabulation Area, United States, 2016-2020. Inter-university Consortium for Political and Social Research [distributor], 2024-01-16. https://doi.org/10.3886/ICPSR38974.v1	6/18/24	NANDA\Essential_Workers_v1

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	Grocery Stores (Census Tract and ZCTA, version 1), 2010 and 2020 boundaries	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Grocery and Food Stores by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-24. https://doi.org/10.3886/E209313V1	11/14/24	NANDA\Grocery_Stores_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Grocery Stores (Census Tract, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Grocery Stores by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-01. https://doi.org/10.3886/E123001V1	8/11/22	NANDA\Grocery_Stores\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Grocery Stores (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Grocery Stores by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-01. https://doi.org/10.3886/E123042V1	8/11/22	NANDA\Grocery_Stores\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Health Care Services (Census Tract and ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Health Care Services by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-11. https://doi.org/10.3886/E209050V1	11/14/24	NANDA\Health_Care_Services_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Health Care Services (Census Tract, Version 3)	Khan, Anam, Li, Mao, Finlay, Jessica, Esposito, Michael, Gomez-Lopez, Iris, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Health Care Services by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-10-12. https://doi.org/10.3886/E120907V3	10/24/22	NANDA\Health_Care_Services\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Health Care Services (ZIP Code Tabulation Area, Version 3)	Khan, Anam, Li, Mao, Finlay, Jessica, Esposito, Michael, Gomez-Lopez, Iris, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Health Care Services by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-10-12. https://doi.org/10.3886/E120463V3	10/24/22	NANDA\Health_Care_Services\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Home Mortgage (Census Tract, Version 2)	Edlebi, Jad, Mitchell, Bruce, Richardson, Jason, Meier, Helen, Chen, Liang, Noppert, Grace, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Home Mortgage Disclosure Act Longitudinal Dataset by Census Tract, United States, 1981-2021. Inter-university Consortium for Political and Social Research [distributor], 2024-09-12. https://doi.org/10.3886/ICPSR39093.v2	11/14/24	NANDA\Home_Mortgage_1981-2021_v2
National Neighborhood Data Archive (NaNDA)	Home Mortgage (Census Tract, Version 1)	Edlebi, Jad, Mitchell, Bruce, Richardson, Jason, Meier, Helen, Chen, Liang, Noppert, Grace, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Home Mortgage Disclosure Act Longitudinal Dataset by Census Tract, United States, 1981-2021. Inter-university Consortium for Political and Social Research [distributor], 2024-05-15. https://doi.org/10.3886/ICPSR39093.v1	6/18/24	NANDA\Home_Mortgage_v1
National Neighborhood Data Archive (NaNDA)	Hospitals by Census Tract and ZIP Code Tabulation Area, United States, 2023	Melendez, Robert, Pan, Longrong, Clarke, Philippa, Noppert, Grace, and Gypin, Lindsay. Hospitals by Census Tract and ZIP Code Tabulation Area, United States, 2023. Inter-university Consortium for Political and Social Research [distributor], 2025-05-22. https://doi.org/10.3886/ICPSR39378.v1	1/16/26	NANDA\Hospitals
National Neighborhood Data Archive (NaNDA)	Internet Access (Census Tract, Version 1)	Li, Mao, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Internet Access by Census Tract, United States, 2015-2019. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-11-19. https://doi.org/10.3886/E155022V1	10/24/22	NANDA\Internet_Access\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Internet Access (ZIP Code Tabulation Area, Version 1)	Li, Mao, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Internet Access by ZIP Code Tabulation Area, United States, 2015-2019. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-11-19. https://doi.org/10.3886/E155025V1	10/24/22	NANDA\Internet_Access\By_ZCTA

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	Land Cover (Census Tract, Version 1)	Clarke, Philippa, and Melendez, Robert. National Neighborhood Data Archive (NaNDA): Land Cover by Census Tract, United States, 2001-2016. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2019-09-11. https://doi.org/10.3886/E110663V1	8/11/22	NANDA\Land_Cover\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Land Cover (ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Li, Mao, Khan, Anam, Gomez-Lopez, Iris, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Land Cover by ZIP Code Tabulation Area, United States, 2001-2016. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-12-14. https://doi.org/10.3886/E128862V1	8/11/22	NANDA\Land_Cover\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Land Cover (Census Tract and ZIP Code Tabulation Area, Version 2)	Melendez, Robert, Clarke, Philippa, Pan, Longrong, Li, Mao, Khan, Anam, Gomez-Lopez, Iris, ... Gypin, Lindsay. Land Cover by Census Tract and ZIP Code Tabulation Area, United States, 1985-2023. Inter-university Consortium for Political and Social Research [distributor], 2025-04-07. https://doi.org/10.3886/ICPSR38598.v2	1/16/26	NANDA\Land_Cover_1985-2003
National Neighborhood Data Archive (NaNDA)	Law Enforcement Organizations (Census Tract and ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Law Enforcement by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-08-25. https://doi.org/10.3886/E208684V1	8/11/22	NANDA\Law_Enforcement_Orgs_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Law Enforcement Organizations (Census Tract, Version 3)	Esposito, Michael, Li, Mao, Finlay, Jessica, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Law Enforcement Organizations by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-20. https://doi.org/10.3886/E115973V3	11/14/24	NANDA\Law_Enforcement_Orgs\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Law Enforcement Organizations (ZIP Code Tabulation Area, Version 1)	Esposito, Michael, Li, Mao, Finlay, Jessica, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Law Enforcement Organizations by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-20. https://doi.org/10.3886/E124801V1	11/14/24	NANDA\Law_Enforcement_Orgs\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Libraries by Census Tract and ZIP Code Tabulation Area, United States, 1992-2021	Robert Melendez, Philippa Clarke, Grace Noppert, Lindsay Gypin, & William Milton Clary II. (2025). Libraries by Census Tract and ZIP Code Tabulation Area, United States, 1992-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2025. https://doi.org/10.3886/ICPSR200038	1/16/26	NANDA\Libraries
National Neighborhood Data Archive (NaNDA)	Liquor, Tobacco, and Convenience Stores (Census Tract, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Liquor, Tobacco, and Convenience Stores by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-07. https://doi.org/10.3886/E123541V1	8/11/22	NANDA\Liquor_Tobacco_Convenience_Stores\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Liquor, Tobacco, and Convenience Stores (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Liquor, Tobacco, and Convenience Stores by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-07. https://doi.org/10.3886/E123542V1	8/11/22	NANDA\Liquor_Tobacco_Convenience_Stores\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Liquor, Tobacco, Cannabis, Vape, and Convenience Stores (Census Tract and ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Liquor, Tobacco, Cannabis, Vape, and Convenience Stores by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-04. https://doi.org/10.3886/E208907V1	11/14/24	NANDA\Liquor_Tobacco_Cannabis_Vape_Convenience_Stores_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Merging Code (ZIP Code Tabulation Area, Version 2)	Chenoweth, Megan, and Khan, Anam. National Neighborhood Data Archive (NaNDA): Code for merging ZCTA level datasets with the UDS Mapper ZIP code to ZCTA crosswalk. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-03-10. https://doi.org/10.3886/E120088V2	8/11/22	NANDA\Code for merging zip to zcta

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	Neighborhood-School Gap (Census Tract, Version 1)	Gomez-Lopez, Iris, Kim, Min Hee, Li, Mao, Sylvers, Dominique, Esposito, Michael, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Neighborhood-School Gap by Census Tract, United States, 2009-2010 and 2015-2016. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-12-10. https://doi.org/10.3886/E156043V1	11/7/22	NANDA\Neighborhood_School_Gap\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Neighborhood-School Gap (ZIP Code Tabulation Area, Version 1)	Gomez-Lopez, Iris, Kim, Min Hee, Li, Mao, Sylvers, Dominique, Esposito, Michael, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Neighborhood-School Gap by ZIP Code Tabulation Area, United States, 2009-2010 and 2015-2016. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-12-10. https://doi.org/10.3886/E156045V1	11/7/22	NANDA\Neighborhood_School_Gap\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Ophthalmologists by Census Tract and ZCTA, United States, 1990-2021	Melendez, Robert, Clarke, Philippa, Noppert, Grace, and Gypin, Lindsay. Ophthalmologists by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2025-03-10. https://doi.org/10.3886/E222263V1	1/16/26	NANDA\Ophthamologists
National Neighborhood Data Archive (NaNDA)	Parks (Census Tract and ZIP Code Tabulation Area, Version 2)	Melendez, Robert, Pan, Longrong, Li, Mao, Khan, Anam, Gomez-Lopez, Iris, Clarke, Philippa, Chenoweth, Megan, Gypin, Lindsay Chemberlin, Birch. National Neighborhood Data Archive (NaNDA): Parks by Census Tract and ZIP Code Tabulation Area, United States, 2018 and 2022, [distributor], 2023- 11-29. https://doi.org/10.3886/ICPSR38586.v2	6/19/24	NANDA\Parks_v2
National Neighborhood Data Archive (NaNDA)	Parks (Census Tract, Version 1)	Clarke, Philippa, Melendez, Robert, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Parks by Census Tract, United States, 2018. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-02-27. https://doi.org/10.3886/E117921V1	8/11/22	NANDA\Parks\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Parks (ZIP Code Tabulation Area, Version 1)	Li, Mao, Melendez, Robert, Khan, Anam, Gomez-Lopez, Iris, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Parks by ZIP Code Tabulation Area, United States, 2018. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-12-07. https://doi.org/10.3886/E119803V1	8/11/22	NANDA\Parks\By_ZCTA NANDA
National Neighborhood Data Archive (NaNDA)	Personal Care Services and Laundromats (Census Tract and ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Personal Care Services and Laundry by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-05. https://doi.org/10.3886/E208906V1	11/14/24	NANDA\Personal_Care_Laundromats_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Personal Care Services and Laundromats (Census Tract, Version 2)	Esposito, Michael, Li, Mao, Finlay, Jessica, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Personal Care Services and Laundromats by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-11-23. https://doi.org/10.3886/E115981V2	11/14/24	NANDA\Personal_Care_Laundromats\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Personal Care Services and Laundromats (ZIP Code Tabulation Area, Version 1)	Esposito, Michael, Li, Mao, Finlay, Jessica, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Personal Care Services and Laundromats by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-11-23. https://doi.org/10.3886/E127262V1	8/11/22	NANDA\Personal_Care_Laundromats\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Polluting Sites (Census Tract and ZIP Code Tabulation Area, Version 2)	Finlay, Jessica M., Melendez, Robert, Pan, Longrong, Esposito, Michael, Khan, Anam, Li, Mao, Gomez-Lopez, Iris, Clarke, Philippa, Noppert, Grace A., Chenoweth, Megan, Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Polluting Sites by Census Tract and ZIP Code Tabulation Area, United States, 1987-2021. Inter-university Consortium for Political and Social Research [distributor], 2023-12-04. https://doi.org/10.3886/ICPSR38597.v2	6/18/24	NANDA\Polluting_Sites_v2
National Neighborhood Data Archive (NaNDA)	Polluting Sites (Census Tract, Version 1)	Finlay, Jessica, Melendez, Robert, Esposito, Michael, Khan, Anam, Li, Mao, Gomez-Lopez, Iris, Clarke, Philippa, Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Polluting Sites by Census Tract, United States, 2000-2018. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-01-20. https://doi.org/10.3886/E159961V1	8/11/22	NANDA\Polluting_Sites\By_Census_Tract

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	Polluting Sites (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Melendez, Robert, Esposito, Michael, Khan, Anam, Li, Mao, Gomez-Lopez, Iris, Clarke, Philippa, Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Polluting Sites by ZIP Code Tabulation Area, United States, 2000-2018. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-01-20. https://doi.org/10.3886/E159981V1	8/11/22	NANDA\Polluting_Sites\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Post Offices and Banks (Census Tract and ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Post Offices and Banks by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-08-21. https://doi.org/10.3886/E208366V1	11/14/24	NANDA\Post_Offices_Banks_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Post Offices and Banks (Census Tract, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Post Offices and Banks by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-12-07. https://doi.org/10.3886/E128281V1	8/11/22	NANDA\Post_Offices_Banks\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Post Offices and Banks (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Post Offices and Banks by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-12-07. https://doi.org/10.3886/E128282V1	8/11/22	NANDA\Post_Offices_Banks\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Primary and Secondary Roads (Census Tract and ZIP Code Tabulation Area, Version 2)	Pan, Longrong, Melendez, Robert, Clarke, Philippa, Noppert, Grace, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Primary and Secondary Roads by Census Tract and ZIP Code Tabulation Area, United States, 2010 and 2020. Inter-university Consortium for Political and Social Research [distributor], 2024-05-20. https://doi.org/10.3886/ICPSR38585.v2	11/14/24	NANDA\Primary_and_Secondary_Roads_2010_and_2020_v2
National Neighborhood Data Archive (NaNDA)	Primary and Secondary Roads (Census Tract, Version 1)	Finlay, Jessica, Melendez, Robert, Esposito, Michael, Khan, Anam, Li, Mao, Gomez-Lopez, Iris, Clarke, Philippa, Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Primary and Secondary Roads by Census Tract, United States, 2010. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-01-20. https://doi.org/10.3886/E159902V1	8/11/22	NANDA\Primary_and_Secondary_Roads
National Neighborhood Data Archive (NaNDA)	Primary and Secondary Roads (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Melendez, Robert, Esposito, Michael, Khan, Anam, Li, Mao, Gomez-Lopez, Iris, Clarke, Philippa, Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Primary and Secondary Roads by ZIP Code Tabulation Area, United States, 2010. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-01-20. https://doi.org/10.3886/E159941V1	8/11/22	NANDA\Primary_and_Secondary_Roads
National Neighborhood Data Archive (NaNDA)	PRISM Climate of Census Tracts, United States, 1981-2024	Gronlund, Carina, Clarke, Philippa, and Gypin, Lindsay. PRISM Climate of Census Tracts, United States, 1981-2024. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2025-08-04. https://doi.org/10.3886/E230941V2	1/16/26	NANDA\PRISM
National Neighborhood Data Archive (NaNDA)	Public Transit Stops (Census Tract, Version 1)	Clarke, Philippa, and Melendez, Robert. National Neighborhood Data Archive (NaNDA): Public Transit Stops by Census Tract, United States, 2016-2018. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2019-10-09. https://doi.org/10.3886/E111109V1	8/11/22	NANDA\Public_Transit_Stops\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Public Transit Stops (ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Li, Mao, Khan, Anam, Gomez-Lopez, Iris, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Public Transit Stops by ZIP Code Tabulation Area, United States, 2016-2018. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-01-04. https://doi.org/10.3886/E130282V1	8/11/22	NANDA\Public_Transit_Stops\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Public Transit Stops by Census Tract and ZIP Code Tabulation Area, United States, 2016-2018 and 2024	Pan, Longrong, Melendez, Robert, Clarke, Philippa, Noppert, Grace, Gomez-Lopez, Iris, Chenoweth, Megan, ... Gypin, Lindsay. Public Transit Stops by Census Tract and ZIP Code Tabulation Area, United States, 2016-2018 and 2024. Inter-university Consortium for Political and Social Research [distributor], 2024-12-11. https://doi.org/10.3886/ICPSR38605.v2	1/16/26	NANDA\Public_Transit_Stops_v2

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	Recreational Establishments (Census Tract and ZCTA, Version 2), 2010 and 2020 boundaries	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Recreational Establishments by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-09-27. https://doi.org/10.3886/E209164V2	11/14/24	NANDA\Recreational_Establishments_1990-2021_v2
National Neighborhood Data Archive (NaNDA)	Religious, Civic, and Social Organizations (Census Tract, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Religious, Civic, and Social Organizations by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-20. https://doi.org/10.3886/E115967V2	8/11/22	NANDA\Religious_Civil_Social_Orgs\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Religious, Civic, and Social Organizations (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Religious, Civic, and Social Organizations by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-10-20. https://doi.org/10.3886/E124721V1	8/11/22	NANDA\Religious_Civil_Social_Orgs\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Retail Establishments (Census Tract and ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Retail Establishments by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-08-27. https://doi.org/10.3886/E208682V1	11/14/24	NANDA\Retail_1990-2021_v1
National Neighborhood Data Archive (NaNDA)	Retail Establishments (Census Tract, Version 2)	Finlay, Jessica, Li, Mao, Esposito, Michael, Khan, Anam, Gomez-Lopez, Iris, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Retail Establishments by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-11-20. https://doi.org/10.3886/E115972V2	8/11/22	NANDA\Retail
National Neighborhood Data Archive (NaNDA)	Retail Establishments (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Retail Establishments by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-11-20. https://doi.org/10.3886/E127042V1	11/14/24	NANDA\Retail
National Neighborhood Data Archive (NaNDA)	School Counts (Census Tract, ZIP Code Tabulation Area and School District, Version 1)	Kim, Min Hee, Li, Mao, Sylvers, Dominique, Esposito, Michael, Gomez-Lopez, Iris, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): School District Characteristics and School Counts by Census Tract, ZIP Code Tabulation Area, and School District, 2000-2018. Inter-university Consortium for Political and Social Research [distributor], 2022-10-10. https://doi.org/10.3886/ICPSR38569.v1	10/24/22	NANDA\School_Counts
National Neighborhood Data Archive (NaNDA)	SES and Demography (Census Tracts and ZIP Code Tabulation Areas, version 6)	Clarke, Philippa, Melendez, Robert, Noppert, Grace, Chenoweth, Megan, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Socioeconomic Status and Demographic Characteristics of Census Tracts and ZIP Code Tabulation Areas, United States, 1990-2022. Inter-university Consortium for Political and Social Research [distributor], 2025-10-27. https://doi.org/10.3886/ICPSR38528.v6	1/16/26	NANDA\Sociodemographics_Demography_1990-2022
National Neighborhood Data Archive (NaNDA)	SES and Demography (Census Tract 1990-2010, Version 1)	Clarke, Philippa, Melendez, Robert, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Socioeconomic Status and Demographic Characteristics of Census Tracts, 1990-2010. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-07-15. https://doi.org/10.3886/E207962V1	9/6/24	NANDA\Sociodemographics_Demography_1990-2010_v1
National Neighborhood Data Archive (NaNDA)	SES and Demography (Census Tract and ZCTA, Version 4), 2010 and 2020 boundaries	Clarke, Philippa, Noppert, Grace, Melendez, Robert, Chenoweth, Megan, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Socioeconomic Status and Demographic Characteristics of Census Tracts and ZIP Code Tabulation Areas, United States, 1990-2020. Inter-university Consortium for Political and Social Research [distributor], 2024-10-02. https://doi.org/10.3886/ICPSR38528.v4	11/14/24	NANDA\Sociodemographics_Demography_1990-2020_v4

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	SES and Demography (Census Tract and ZIP Code Tabulation Area, Version 3)	Clarke, Philippa, Noppert, Grace, Melendez, Robert, Chenoweth, Megan, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Socioeconomic Status and Demographic Characteristics of Census Tracts and ZIP Code Tabulation Areas, United States, 2000-2020. Inter-university Consortium for Political and Social Research [distributor], 2023-04-17. https://doi.org/10.3886/ICPSR38528.v3	6/20/24	NANDA\Socioeconomics_Demography_v3
National Neighborhood Data Archive (NaNDA)	SES and Demography (Census Tract, Version 2)	Melendez, Robert, Clarke, Philippa, Khan, Anam, Gomez-Lopez, Iris, Li, Mao, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Socioeconomic Status and Demographic Characteristics of Census Tracts, United States, 2008-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-12-14. https://doi.org/10.3886/E119451V2	10/18/22	NANDA\Socioeconomics_Demography\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	SES and Demography (ZIP Code Tabulation Area, Version 1)	Melendez, Robert, Clarke, Philippa, Khan, Anam, Gomez-Lopez, Iris, Li, Mao, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Socioeconomic Status and Demographic Characteristics of ZIP Code Tabulation Areas, United States, 2008-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-07-30. https://doi.org/10.3886/E120462V1	10/18/22	NANDA\Socioeconomics_Demography\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Social Services (Census Tract and ZTCA, Version 3)	Melendez, Robert, Finlay, Jessica, Clarke, Philippa, Noppert, Grace, Gypin, Lindsay, and Dyke, Ellis. National Neighborhood Data Archive (NaNDA): Social Services by Census Tract and ZCTA, United States, 1990-2021. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-07-29. https://doi.org/10.3886/E208207V1	11/14/24	NANDA\Social_Services 1990-2021_v3
National Neighborhood Data Archive (NaNDA)	Social Services (Census Tract, Version 2)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Social Services by Census Tract, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-11-10. https://doi.org/10.3886/E117163V2	8/11/22	NANDA\Social_Services\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Social Services (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Li, Mao, Esposito, Michael, Gomez-Lopez, Iris, Khan, Anam, Clarke, Philippa, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Social Services by ZIP Code Tabulation Area, United States, 2003-2017. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-11-10. https://doi.org/10.3886/E126082V1	8/11/22	NANDA\Social_Services\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Street Connectivity (Census Tract and ZIP Code Tabulation Area, Version 2)	Ailshire, Jennifer, Melendez, Robert, Chenoweth, Megan, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Street Connectivity by Census Tract and ZIP Code Tabulation Area, United States, 2010 and 2020. Inter-university Consortium for Political and Social Research [distributor], 2023-02-13. https://doi.org/10.3886/ICPSR38580.v2	6/19/24	NANDA\Street_Connectivity_v2
National Neighborhood Data Archive (NaNDA)	Street Connectivity (Census Tract and ZIP Code Tabulation Area, Version 3)	Ailshire, Jennifer, Melendez, Robert, Chenoweth, Megan, and Gypin, Lindsay. National Neighborhood Data Archive (NaNDA): Street Connectivity by Census Tract and ZIP Code Tabulation Area, United States, 2010 and 2020. Inter-university Consortium for Political and Social Research [distributor], 2025-11-19. https://doi.org/10.3886/ICPSR38580.v3	1/16/26	NANDA\Street_Connectivity_v3
National Neighborhood Data Archive (NaNDA)	Street Connectivity (Census Tract, Version 1)	Ailshire, Jennifer, Melendez, Robert, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Street Connectivity by Census Tract, United States, 2010. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-03-10. https://doi.org/10.3886/E110641V1	8/11/22	NANDA\Street_Connectivity\By_Census_Tract
National Neighborhood Data Archive (NaNDA)	Street Connectivity (ZIP Code Tabulation Area, Version 1)	Ailshire, Jennifer, Melendez, Robert, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Street Connectivity by ZIP Code Tabulation Area, United States, 2010. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-03-10. https://doi.org/10.3886/E134561V1	8/11/22	NANDA\Street_Connectivity\By_ZCTA
National Neighborhood Data Archive (NaNDA)	Traffic Volume (Census Tract, Version 1)	Finlay, Jessica, Melendez, Robert, Esposito, Michael, Khan, Anam, Li, Mao, Gomez-Lopez, Iris, Clarke, Philippa, Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Traffic Volume by Census Tract, United States, 1963-2019. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-01-20. https://doi.org/10.3886/E160262V1	8/11/22	NANDA\Traffic-Volume\By_Census_Tract

Note: By requesting to use the data deposited with GLR, you agree to cite any GLR sources used in your publications and presentations.

Resource	Dataset	Citation	Date Deposited/Updated	Location in the MiCDA Linkages Folder
National Neighborhood Data Archive (NaNDA)	Traffic Volume (ZIP Code Tabulation Area, Version 1)	Finlay, Jessica, Melendez, Robert, Esposito, Michael, Khan, Anam, Li, Mao, Gomez-Lopez, Iris, Clarke, Philippa, Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Traffic Volume by ZIP Code Tabulation Area, United States, 1963-2019. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-01-20. https://doi.org/10.3886/E160261V1	8/11/22	NANDA\Traffic-Volume\ByZCTA
National Neighborhood Data Archive (NaNDA)	Urbanicity (Census Tract, Version 1)	Miller, Stephanie, Melendez, Robert, and Chenoweth, Megan. National Neighborhood Data Archive (NaNDA): Urbanicity by Census Tract, United States, 2010. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2021-01-11. https://doi.org/10.3886/E130542V1	8/11/22	NANDA\Urbanicity
National Neighborhood Data Archive (NaNDA)	Voter Registration, Turnout, and Partisanship (County, Version 1)	Chenoweth, Megan, Li, Mao, Gomez-Lopez, Iris N., and Kollman, Ken. National Neighborhood Data Archive (NaNDA): Voter Registration, Turnout, and Partisanship by County, United States, 2004-2018. Inter-university Consortium for Political and Social Research [distributor], 2022-08-31. https://doi.org/10.3886/ICPSR38506.v1	10/24/22	NANDA\Voter_Turnout_Partisanhsip
National Neighborhood Data Archive (NaNDA)	Voter Registration, Turnout, and Partisanship (County, Version 2)	Clary, Will, Gomez-Lopez, Iris N., Chenoweth, Megan, Gypin, Lindsay, Clarke, Philippa, Noppert, Grace, ... Kollman, Ken. National Neighborhood Data Archive (NaNDA): Voter Registration, Turnout, and Partisanship by County, United States, 2004-2022. Inter-university Consortium for Political and Social Research [distributor], 2024-10-14. https://doi.org/10.3886/ICPSR38506.v2	11/14/24	NANDA\Voter_Turnout_Partisanhsip_2004_2022_v2
State Education Contextual Data Resource (SECDR)	State Education Contextual Data Resource (SECDR). (2025).	Walsemann, K. M., Abbruzzi, E., Tyagi, P., Jackson, H., & Ailshire, J. A. (2025). State Education Context Data Resource (S-ECDR), 1919/20 – 1973/74 [Data set]. [ICPSR/NACDA]. https://doi.org/10.3886/E233063	10/6/25	SECDR
State Policy & Politics Database (SPPD)	State Policy & Politics Database. 2022. Version 1.1.	For any SPPD variable that you use, please acknowledge 1) the original data source, which is listed in this codebook, and 2) the State Policy & Politics Database. The latter should be cited as: State Policy & Politics Database. 2022. Version 1.1. Created by the Center for Aging and Policy Studies (NIA P30AG066583).	12/9/22	Policy
State Policy & Politics Database (SPPD)	State Policy & Politics Database. 2024. Version 1.2.	Citation: State Policy & Politics Database. 2024. Version 1.2. Created by the Center for Aging and Policy Studies (grant NIA P30AG066583). Acknowledgement: "This work acknowledges support from infrastructure (Center for Aging and Policy Studies P30A66583) and research (R01AG05548, R01AG082699) grants from the National Institute on Aging." If the published paper was peer-reviewed, please also submit the paper to PubMed Central. Instructions on how to do so are available here: https://asi/syr/edu/caps/acknowleging-caps/ . Contact CAPS@syr.edu with any questions.	6/19/24	Policy
State Policy & Politics Database (SPPD)	State Policy & Politics Database. 2026. Version 2.0.	Numerous researchers have made this dataset possible. For any SPPD variable that you use, please cite and acknowledge 1) the original data source, which is listed in this codebook, and 2) the State Policy & Politics Database. Citation State Policy & Politics Database. 2026. Version 2.0. Accessed at https://doi.org/10.3886/E246713V1	3/17/26	Policy
U.S. COVID-19 County Policy (UCCP) Database	County and State Covid Policy (County and State, Version 1)	Hamad, Rita, Pletcher, Mark J., and Carton, Thomas. United States COVID-19 County Policy Database, 2020-2021. Inter-university Consortium for Political and Social Research [distributor], 2024-06-11. https://doi.org/10.3886/ICPSR39109.v1 .	8/28/24	UCCP