Child Opportunity Index 3.0

Link: https://diversitydatakids.org

Diversitydatakids.org's Child Opportunity Index 3.0 is an interactive data tool that measures the quality of neighbor resources and conditions which support children's healthy development. The interactive map contains data for every neighborhood in the United States from the years 2012-2024. This data is comprised of 44 indicators in three domains: education, health and environment, and social and economic. Data can be sorted by geographic area, including state, county, and metro level; census tract or zip code. Locations are rated according to opportunity level (very low to very high) or score.

Indicators and Types of Data		
Education		
Early Childhood Education	Private pre-k enrollment	Percentage of 3- and 4-year-olds enrolled in private nursery school, preschool or kindergarten
	Public pre-k enrollment	Percentage of 3- and 4-year-olds enrolled in public nursery school, preschool or kindergarten
Elementary Education	Reading and math test scores	Standardized test scores in math and reading/language arts
	Reading and math text score growth	Growth in standardized test scores in math and reading/language arts
	Poverty-adjusted reading and math score	Poverty-adjusted standardized test scores in math and reading/language arts
Secondary and Post-secondary Education	Advanced Placement course enrollment	Percentage of 9th-12th graders enrolled in at least one AP course
	College enrollment in nearby institutions	Percentage of 18-24 year-olds enrolled in college within a 20-mile radius
	High school graduation rate	Percentage of 18-24 year-olds enrolled in college within a 20-mile radius
Educational Resources	Adult education attainment	Percentage of adults aged 25 and over with a Bachelor's degree or higher
	Child enrichment-related non-profits	Density of non-profit organizations providing enrichment opportunities for children, such as after-school programs, recreational sports leagues, and mentoring programs
	Teacher experience	Percentage of teachers in their first and second year, reversed
	School poverty	Percentage of students in elementary schools eligible for free or reduced-price lunches, reversed
Health & Environment		
Pollution	Airborne Microparticles	Mean estimated microparticle concentration (PM2.5; micrograms per cubic meter), reversed
	Ozone concentration	Mean estimated 8-hour average ozone concentration (parts per billion), reversed
	Industrial Pollutants in air, water or soil	Index of toxic chemicals released by industrial facilities, reversed
	Hazardous waste dump sites	Average number of Superfund sites within a 2-mile radius, reversed
Healthy Environments	Fast food restaurant density	Percentage of restaurants that serve fast food, reversed

Healthy Environments Continued	Healthy food retailer density	Percentage of food retailers selling healthy food
	Extreme heat exposure	Number of summer days with maximum temperatures above 90F, reversed
	Nature score	NatureScore measures exposure to healthy natural environments using data on green space, tree canopies, parks, and air, noise and light pollution
	Walkability	EPA Walkability Index
Safety-related Resources	Community safety-related non-profits	Density of non-profit organizations focused on increasing community safety
	Vacant Housing	Percentage of housing units that are vacant, reversed
Health Resources	Health-related non-profits	Density of non-profit organizations providing health-related services
	Health insurance coverage	Percentage of individuals aged 0-64 with health insurance coverage
Social & Economic		
Employment	Employment rate	Percentage of adults aged 25-54 who are employed
	High-skill employment rate	Percentage of individuals aged 16 and over employed in management, business, financial, computer, engineering, science, education, legal, community service, health, arts and media occupations
	Full-time year-round earnings	Median earnings in the past 12 months for civilian employees working full-time, year-round
Economic Resources	Median household income	Median household income of all households
	Poverty rate	Percentage of individuals living in households with incomes below 100% of the federal poverty limit, reversed
	Public assistance rate	Percentage of households receiving cash public assistance or Food Stamps/Supplemental Nutrition Assistance Program, reversed
Socioeconomic Inequity	Adults with advanced degrees	Percentage of individuals with masters, professional or doctoral degrees
	Very-high income households	Percentage of households with incomes at or above $125,000
	Adults with high school degrees	Percentage of individuals without a high school degree, reversed
	Very-low income households	Percentage of households with incomes below $20,000, reversed
Housing Resources	Broadband resources	Percentage of households with connections to high speed broadband internet
	Crowded housing	Percentage of housing units with >1 occupant per room, reversed
Social Resources	Mobility-enhancing friendships networks	The prevalence of high-socioeconomic status (SES) friends among low-SES individuals (economic connectedness)
	Single-parent families	Percentage of family households that are headed by a single-parent, reversed
	Non-profit organizations	Density of non-profit organizations
Wealth	Homeownership rate	Percentage of housing units that are owner-occupied
	Aggregate home values	Aggregate home value (dollars) divided by the number of children aged 0-17
	Aggregate capital income	Aggregate interest, dividends, or net rental income (dollars) divided by the number of children aged 0-17
	Aggregate real estate taxes	Aggregate real estate taxes paid (dollars) divided by the number of children aged 0-17