

NEIGHBORHOOD ATLAS: AREA DEPRIVATION INDEX

What is Neighborhood Atlas, also known as the Area Deprivation Index

The Neighborhood Atlas is based on a measure created by the Health Resources & Services Administration over two decades ago for primarily county-level use. It was refined, adapted, and validated to the census-block group/neighborhood level by Amy Kind, MD, PhD., and her research team at the University of Wisconsin School of Medicine and Public Health called the Area Deprivation Index (ADI). It allows for rankings (groupings) of neighborhoods by socioeconomic disadvantage in a region of interest, e.g., statewide, based on factors including income, education, employment, and housing quality. The Washington Health Alliance uses it to rank socioeconomic advantage and disadvantage within the state of Washington. For more on the Neighborhood Atlas, [visit the University of Wisconsin School of Medicine and Public Health's Center for Health Disparities Research.](#)

ADI determines advantage based on the following 17 census-based measures:

<ul style="list-style-type: none"> • Percent of population aged ≥ 25 years with < 9 years of education 	<ul style="list-style-type: none"> • Percent of civilian labor force population ≥ 16 years of age unemployed
<ul style="list-style-type: none"> • Percent of population aged ≥ 25 years with less than a high school diploma 	<ul style="list-style-type: none"> • Percent of families below the poverty level
<ul style="list-style-type: none"> • Percent of employed persons ≥ 16 years of age in white-collar occupations 	<ul style="list-style-type: none"> • Percent of population below 150% of the poverty threshold
<ul style="list-style-type: none"> • Median family income 	<ul style="list-style-type: none"> • Percent of single-parent households with children < 18 years of age
<ul style="list-style-type: none"> • Income disparity 	<ul style="list-style-type: none"> • Percent of households without a motor vehicle
<ul style="list-style-type: none"> • Median home value 	<ul style="list-style-type: none"> • Percent of households without a telephone
<ul style="list-style-type: none"> • Median gross rent 	<ul style="list-style-type: none"> • Percent of occupied housing units without complete plumbing
<ul style="list-style-type: none"> • Median monthly mortgage 	<ul style="list-style-type: none"> • Percent of households with more than one person per room
<ul style="list-style-type: none"> • Percent owner-occupied housing units 	

For a visual representation of ADI in Washington state, below is an example of it scaled to compare neighborhoods within Washington, rather than nationwide:

