

Port of Seattle's Equity Index Data Definitions

Location

The Port of Seattle's Equity Index covers King County.

Categories

The index is made up of four categories that were selected in alignment with the Port's [Century Agenda Goals](#).

Category	Definition
Economy	Economy is defined as indicators that demonstrate the opportunity for the creation, retention, transfer, and accumulation of wealth within a community for residents, businesses, and community stakeholders (e.g. poverty rate, median household income, educational attainment).
Livability	Livability is defined as indicators that demonstrate a safe and healthy standard of living (e.g. housing cost burden, home ownership rate, transit access).
Accessibility	Accessibility is defined as indicators that are not necessary for survival but advance the standard of living in a community so that people of all abilities can fully access and participate in public life (e.g. proximity to parks and open space, access to healthy food, pedestrian and bike facilities).
Environment	Environment is defined as indicators that represent the health of the environment, including human-made impacts and bio-physical elements, and thus the vitality of the community (e.g. diesel emissions, risk of toxic release from facilities, traffic density).

Indicator Definitions

Category	Indicator	Definition	Source of data
Overview	Population	Count of persons living in area	2015-2019 ACS 5-Year Estimates
Overview	Disabled Households	Percentage of population categorized as disabled	2015-2019 ACS 5-Year Estimates
Overview	Race and Ethnicity Chart	Counts and percentage of each race and ethnic identity category	2015-2019 ACS 5-Year Estimates
Overview	Foreign-born population	Percentage of population that was born outside of United States	2015-2019 ACS 5-Year Estimates

Overview	Top countries of immigration	Top five countries by immigration by percentage of population	2015-2019 ACS 5-Year Estimates
Economy	Poverty Rate	Percentage of households below federal poverty limit	2015-2019 ACS 5-Year Estimates
Economy	Unemployment Rate	Percentage of labor force that is unemployed	2015-2019 ACS 5-Year Estimates
Economy	Median Household Income	Median household income per year	2015-2019 ACS 5-Year Estimates
Economy	Educational Attainment	Percentage population with bachelor's degree or above.	2015-2019 ACS 5-Year Estimates
Economy	Job Density	Average number of jobs per acre	PSRC - 2019 Covered Employment Estimates
Livability	Housing cost burden	Percentage of households that spend more than 30% of their income on housing	2015-2019 ACS 5-Year Estimates
Livability	Home ownership rate	Percentage of households that live in homes they own	2015-2019 ACS 5-Year Estimates
Livability	Transit access	Percentage of area within .25 miles of transit stop	Sound Transit Open Transit Data Puget Sound GTFS file set
Livability	Access to Jobs by Transit	Average number of jobs within 30 minutes by walking and transit	Applied Geographic Solutions Crime Risk Index
Livability	Crime index	ESRI Overall Crime Index showing the relative risk of crime in a certain location	ESRI Analytics FBI UCR
Livability	Life expectancy	Average life expectancy for the area	USA LEEP Study: https://www.cdc.gov/nchs/nvss/usaleep/usaleep.html
Livability	High school graduation rate	% of students who graduate high school in 4 years 4 YR ACGR. Need cohort size as well as cohort grads	Washington State Report Card
Accessibility	Proximity to Parks and Open Space	Parks Index, representing level of access to Urban Open Spaces	PSRC Urban Open Space Layer
Accessibility	Access to healthy food	Food Access Index, representing access to full-service grocery stores,	ESRI Business Analytics + farmers Markets list

		limited services grocery stores, and farmers markets	
Accessibility	Pedestrian and Bike Facilities	Score representing percentage of arterial road length within block group with bike and ped facilities.	PSCRC
Accessibility	Internet access	Percentage of households that have broadband internet access	ESRI Broadband usage, per Kirwan
Accessibility	Voter Participation	Percentage of eligible voters that voted in 2020 Presidential Election	King County Board of Elections
Environment	Diesel emissions and NOx emissions	EPA Estimate of Tons/KM2/year emitted within the area	EPA EJ Screen 2020
Environment	Average Annual Particulate Matter Index (PM 2.5 Index)	PM 2.5 Particulate Matter Index	EPA EJ Screen 2021
Environment	Risk of Toxic releases from facilities Index	Relative risk of selected area	EPA EJ Screen 2022
Environment	Traffic density	Percent of population living close to high-traffic roadways	EPA EJ Screen 2023

Additional questions? Visit our [FAQ page](#).