

Oregon Environmental Justice Mapping Tool

Indicators Crosswalks

The [Oregon Environmental Justice Council](#) is responsible for developing the Oregon Environmental Justice Mapping Tool with support from state agencies to identify environmental justice communities in Oregon.

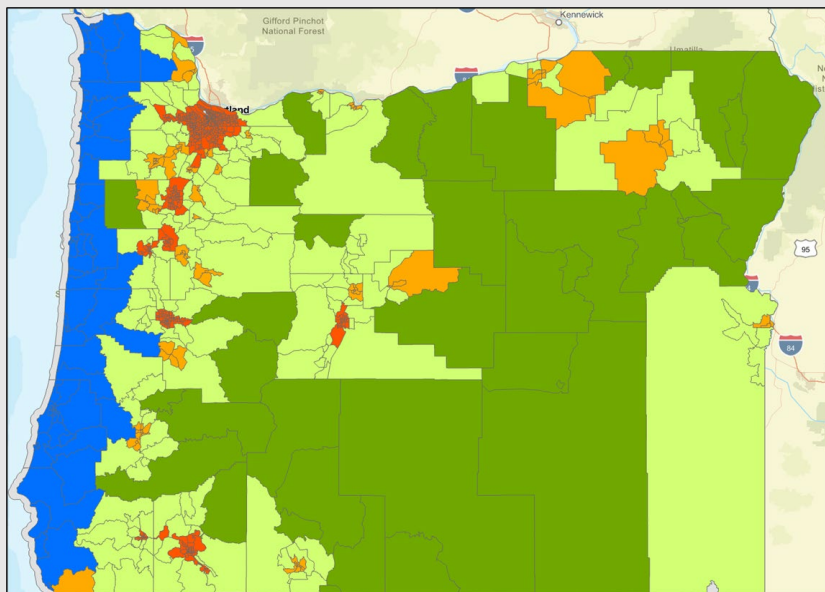
[ORS 182.535](#) describes environmental justice communities:

“Environmental justice community” includes communities of color, communities experiencing lower incomes, communities experiencing health inequities, tribal communities, rural communities, remote communities, coastal communities, communities with limited infrastructure and other communities traditionally underrepresented in public processes and adversely harmed by environmental and health hazards, including seniors, youth and persons with disabilities.”

Indicators for the Oregon Environmental Justice Mapping Tool are organized into [indexes Statewide, Coastal, Remote, Rural, Small City, and Large City](#). The descriptions for these indexes are available on the [Oregon Environmental Justice Mapping Tool project page](#).

Oregon communities will be compared statewide and by Coastal to Coastal, Remote to Remote, Rural to Rural, Small City to Small City, and Large City to Large City. [The community comparison methodology](#) was adopted by the [Oregon Environmental Justice Council](#) on June 13, 2024.

COMMUNITY DESIGNATIONS



Designation	
■	Coastal
■	Remote
■	Rural
■	Large City
■	Small City
■	Uninhabited

HB4077, Section 10 (c)(4)

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Environmental Exposures Subdomain by Indexes

Indicator	Statewide	Coastal	Remote	Rural	Small City	Large City
Air Quality Index (AQI) Unhealthy Days	✓	✓	✓	✓	✓	✓
Cancer Risk for Diesel Particulate Matter (PM)	✓	✓	✓	✓	✓	✓
Drinking Water Contaminants Index	✓	✓	✓	✓	✓	✓
Transportation Noise Pollution	✓	✓	✓	✓	✓	✓
Lead Exposure Index	✓	✓	✓	✓	✓	✓
Cancer Risk minus Diesel PM	✓	✓	✓	✓	✓	✓
Permitted Air Pollution Sites	✓	✓	✓	✓	✓	✓
TOTALS BY SUBDOMAIN	7	7	7	7	7	7

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Environmental Hazards Subdomain by Indexes

Indicator	Statewide	Coastal	Remote	Rural	Small City	Large City
Earthquake Risk	✓	✓	✓	✓	✓	✓
Groundwater Threats	✓	✓	✓	✓	✓	✓
Hazardous Material Storage	✓	✓	✓	✓	✓	✓
Hazardous Waste Facilities	✓	✓	✓	✓	✓	✓
Impaired Water Bodies	✓	✓	✓	✓	✓	✓
Residential Buildings in Wildfire Burn Areas	✓	✓	✓	✓	—	✓
Wastewater Discharge	✓	✓	✓	✓	✓	✓
TOTALS BY SUBDOMAIN	7	7	7	7	6	7

Climate Change Risks Subdomain by Indexes

Indicator	Statewide	Coastal	Remote	Rural	Small City	Large City
Crab & Shellfish Harvest Closures	—	✓	—	—	—	—
Days Below 32°F	✓	✓	✓	✓	✓	✓
Days with Max Temp ≥ 90th Percentile	✓	✓	✓	✓	✓	✓
Drought	✓	✓	✓	✓	✓	✓
Extreme Wind Events	—	✓	—	—	—	—
Fire Weather Index Events	✓	—	✓	✓	✓	✓
Flood Risk	✓	✓	✓	✓	✓	✓
Heat Index Days > 90°F	✓	—	✓	✓	✓	✓
Wildfire Risk	✓	✓	✓	✓	✓	✓
TOTALS BY SUBDOMAIN	7	7	7	7	7	7

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Built Environment Subdomain by Indexes

Indicator	Statewide	Coastal	Remote	Rural	Small City	Large City
Access to Healthcare (Distance to Healthcare)	✓	✓	✓	✓	✓	✓
Community Design Index	✓	✓	✓	✓	✓	✓
Digital Equity / No Internet Access	✓	✓	✓	✓	✓	✓
Food Insecurity	✓	✓	✓	✓	✓	✓
Park Access	✓	✓	✓	✓	✓	✓
Traffic Injuries & Fatalities	✓	✓	✓	✓	✓	✓
Urban Tree Canopy	✓	✓	✓	✓	✓	✓
TOTALS BY SUBDOMAIN	7	7	7	7	7	7

The Community Design Index combines walkability index, impervious surfaces, and population density.

Human Health Subdomain (Same for all Indexes)

Indicator	All Designations
*Cancer Mortality	✓
Diabetes Prevalence	✓
Diseases of the Circulatory System	✓
Diseases of the Respiratory System	✓
Frequent Mental Distress	✓
Populations with a Disability	✓
Preterm Births	✓
TOTALS BY SUBDOMAIN	7

*Cancer Mortality replaces Adult Cancers Minus Skin Cancer because it is more comprehensive and captures inequities in access to advanced cancer treatments.

Demographic & Social Factors Subdomain for all Indexes

Indicator	Statewide/Large City/ Small City	Coastal/Rural/Remote
65+ Living Alone (Social Isolation)	✓	✓
Adults Without a College Degree	✓	✓
Below 150% of the Federal Poverty Level	✓	✓
Employment Hardships	—	✓
Inheritance Proxy (Generational Wealth)	✓	—
Limited English Proficiency	✓	✓
Population Under 5 Years Old	✓	✓
Uninsured Population	✓	✓
TOTALS BY SUBDOMAIN	7	7