



EJScreen Community Report

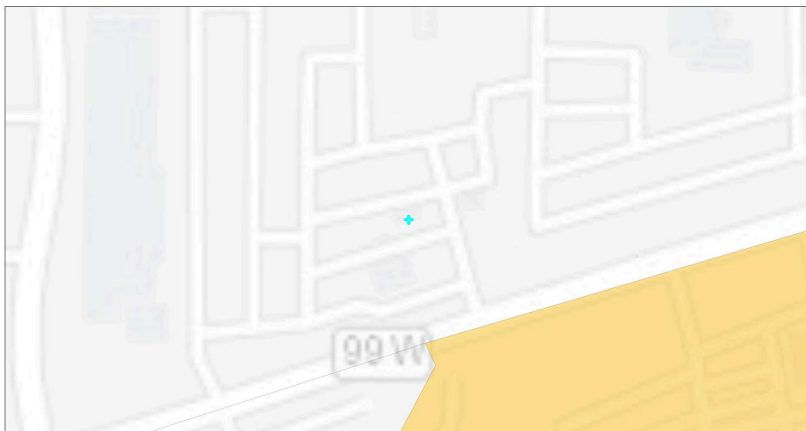
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Circle K Spill

1 mile Ring Centered at 45.230143,-123.168878

Population: 2,673

Area in square miles: 3.14



August 27, 2024
 Demographic Index (National Percentiles)
 Less than 50 percentile
 80 - 90 percentile
 Circle K Spill

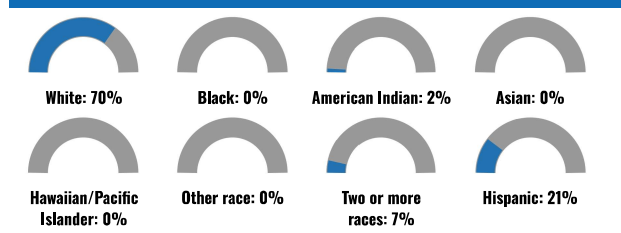
1:1,128
 0 0.01 0.02 0.04 mi
 0 0.01 0.03 0.06 km

City of Medford, Oregon; Metro, Bureau of Land Management; State of Oregon; State of Oregon DOT; State of Oregon - OGD; Esri; HERE; Garmin; GeoNames; Mapbox; OpenStreetMap contributors; and the GIS User Community

COMMUNITY INFORMATION



BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	84%
Spanish	14%
Total Non-English	16%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2018-2022. Life expectancy data comes from the Centers for Disease Control.

Report for 1 mile Ring Centered at 45.230143,-123.168878
 Report produced August 27, 2024 using EJScreen Version 2.3

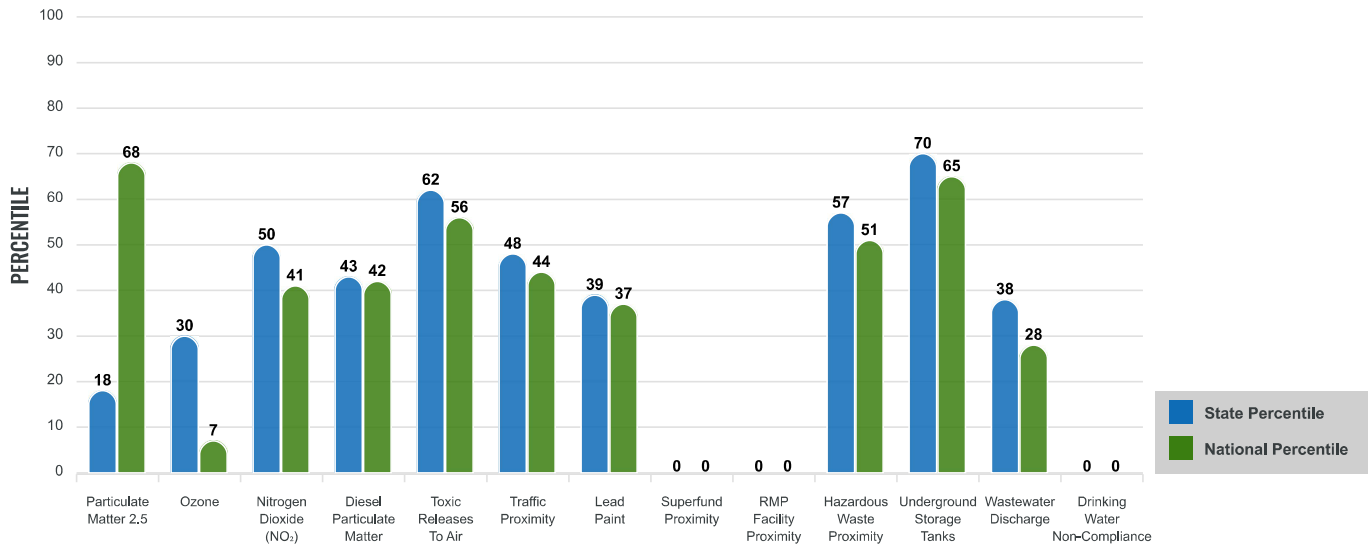
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

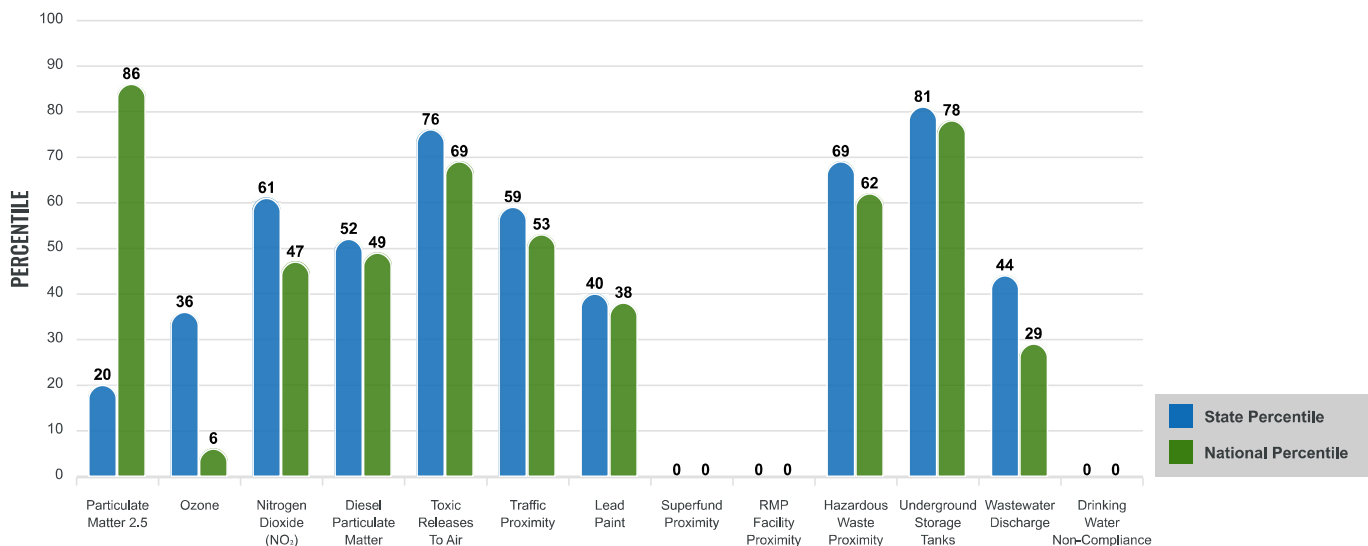
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low income, percent persons with disabilities, percent less than high school education, percent limited English speaking, and percent low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for 1 mile Ring Centered at 45.230143,-123.168878
 Report produced August 27, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 (µg/m ³)	9.6	13.1	13	8.45	84
Ozone (ppb)	51.6	53	23	61.8	5
Nitrogen Dioxide (NO ₂) (ppbv)	5.9	6.6	39	7.8	32
Diesel Particulate Matter (µg/m ³)	0.119	0.22	34	0.191	35
Toxic Releases to Air (toxicity-weighted concentration)	850	1,500	54	4,600	56
Traffic Proximity (daily traffic count/distance to road)	470,000	1,200,000	39	1,700,000	38
Lead Paint (% Pre-1960 Housing)	0.11	0.26	35	0.3	37
Superfund Proximity (site count/km distance)	0	0.074	0	0.39	0
RMP Facility Proximity (facility count/km distance)	0	0.63	0	0.57	0
Hazardous Waste Proximity (facility count/km distance)	1.2	2.7	49	3.5	49
Underground Storage Tanks (count/km ²)	4.9	3.4	75	3.6	79
Wastewater Discharge (toxicity-weighted concentration/m distance)	1.3	900	32	700000	23
Drinking Water Non-Compliance (points)	0	3.5	0	2.2	0
SOCIOECONOMIC INDICATORS					
Demographic Index USA	1	N/A	N/A	1.34	42
Supplemental Demographic Index USA	1.77	N/A	N/A	1.64	63
Demographic Index State	1.54	1.56	55	N/A	N/A
Supplemental Demographic Index State	1.98	1.64	71	N/A	N/A
People of Color	30%	25%	68	40%	49
Low Income	22%	29%	41	30%	42
Unemployment Rate	1%	6%	23	6%	29
Limited English Speaking Households	7%	2%	89	5%	79
Less Than High School Education	9%	8%	65	11%	56
Under Age 5	4%	5%	53	5%	48
Over Age 64	19%	19%	54	18%	61

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	2
Water Dischargers	23
Air Pollution	2
Brownfields	0
Toxic Release Inventory	7

Other community features within defined area:

Schools	2
Hospitals	0
Places of Worship	2

Other environmental data:

Air Non-attainment	No
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 1 mile Ring Centered at 45.230143,-123.168878
 Report produced August 27, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	19%	19%	49	20%	45
Heart Disease	6.2	5.9	60	5.8	62
Asthma	11.1	11.1	52	10.3	76
Cancer	7.3	7	57	6.4	70
Persons with Disabilities	20%	15.4%	78	13.7%	85

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	5%	15%	30	12%	39
Wildfire Risk	0%	12%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	9%	10%	54	13%	46
Lack of Health Insurance	6%	7%	49	9%	42
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access Burden	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for 1 mile Ring Centered at 45.230143,-123.168878

Report produced August 27, 2024 using EJScreen Version 2.3