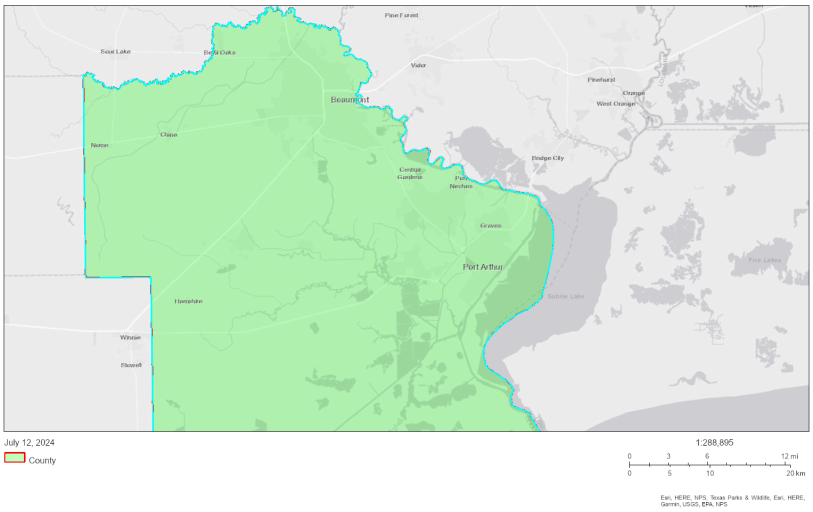
EJScreen Community Report

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

Jefferson County, TX

County: Jefferson
Population: 254,942
Area in square miles: 1112.72

A3 Landscape



COMMUNITY INFORMATION

- Low income: 38 percent
- People of color: 62 percent
- Less than high school education: 15 percent
- Limited English households: 5 percent
- Unemployment: 5 percent
- Persons with disabilities: 15 percent
- Male: 51 percent
- Female: 49 percent
- 79 years — Average life expectancy
- $30,770 — Per capita income
- Number of households: 93,193
- Owner occupied: 62 percent

BREAKDOWN BY RACE

- White: 38%
- Black: 33%
- American Indian: 0%
- Asian: 4%
- Hawaiian/Pacific Islander: 0%
- Other race: 0%
- Two or more races: 2%
- Hispanic: 23%

BREAKDOWN BY AGE

From Ages 1 to 4	7%
From Ages 1 to 18	24%
From Ages 18 and up	76%
From Ages 65 and up	15%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	80%
Speak Other Indo-European Languages	10%
Speak Asian-Pacific Island Languages	10%
Speak Other Languages	0%

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.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	77%
Spanish	18%
Other Indo-European	1%
Vietnamese	2%
Other Asian and Pacific Island	1%
Total Non-English	23%

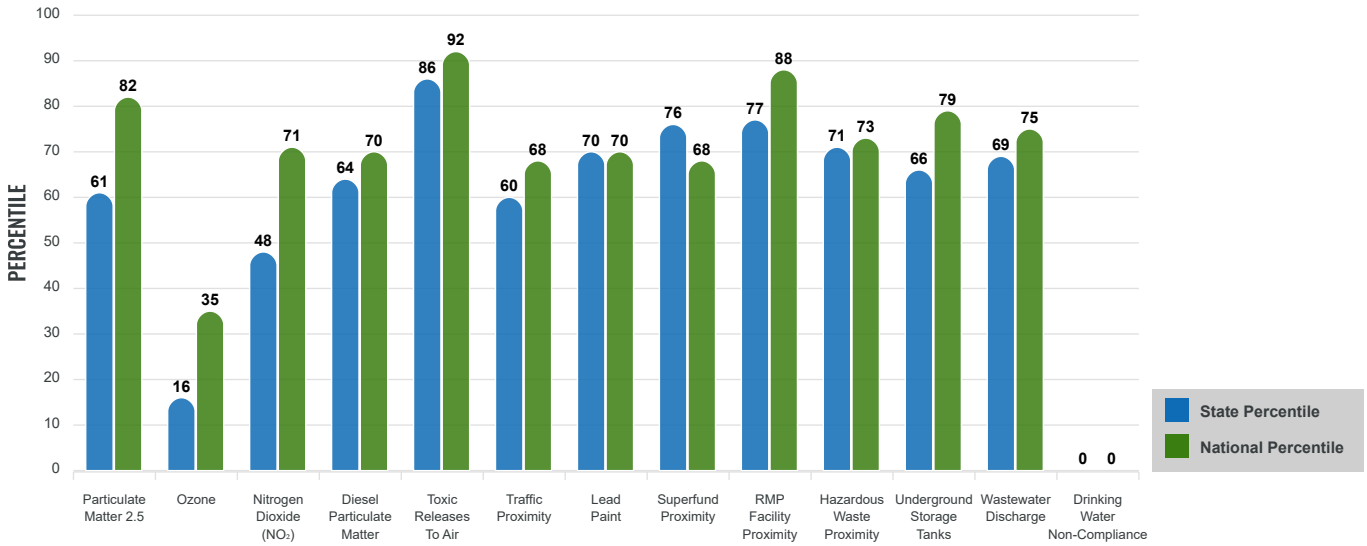
Environmental Justice & Supplemental Indexes

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.

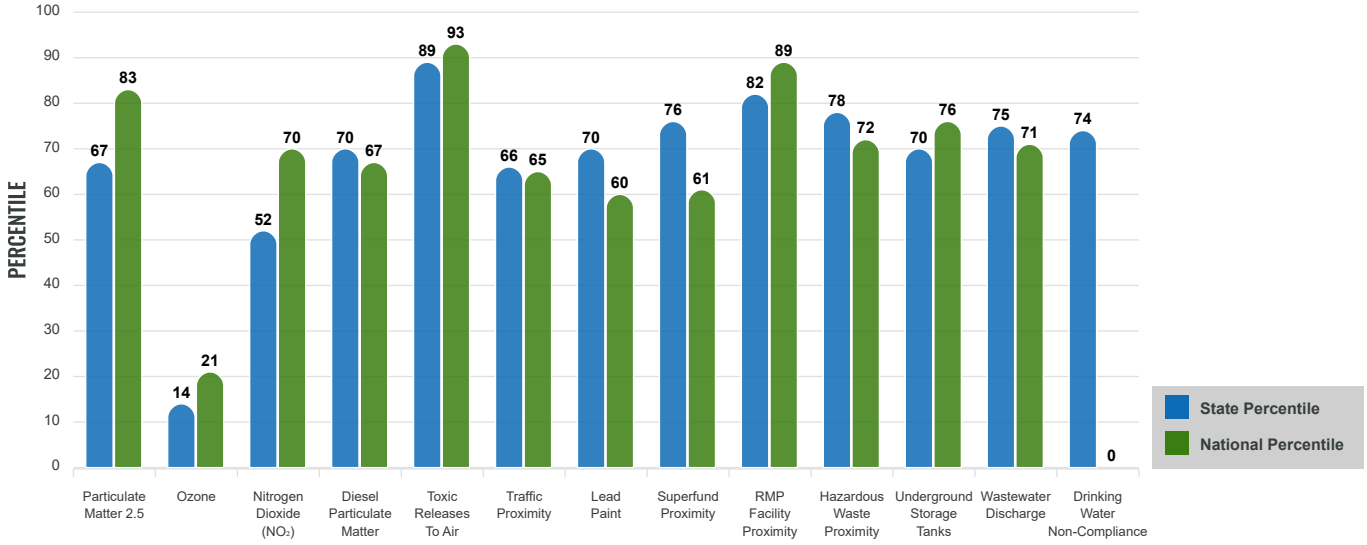
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

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

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for County: Jefferson

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 ($\mu g/m^3$)	8.84	8.86	46	8.45	70
Ozone (ppb)	34.4	40.4	10	41	15
Nitrogen Dioxide (NO_2) (ppbv)	8	9.5	35	7.8	54
Diesel Particulate Matter ($\mu g/m^3$)	0.156	0.151	52	0.191	49
Toxic Releases to Air (toxicity-weighted concentration)	130,000	12,000	98	4,600	99
Traffic Proximity (daily traffic count/distance to road)	760,000	1,000,000	50	1,700,000	48
Lead Paint (% Pre-1960 Housing)	0.21	0.16	71	0.3	49
Superfund Proximity (site count/km distance)	0.11	0.11	76	0.39	61
RMP Facility Proximity (facility count/km distance)	2.3	0.95	92	0.57	96
Hazardous Waste Proximity (facility count/km distance)	1.7	1.5	69	3.5	55
Underground Storage Tanks (count/km^2)	2.8	2.3	68	3.6	68
Wastewater Discharge (toxicity-weighted concentration/m distance)	1500	3800	92	700000	76
Drinking Water Non-Compliance (points)	0.062	2.3	74	2.2	74
SOCIOECONOMIC INDICATORS					
Demographic Index USA	1.91	N/A	N/A	1.34	75
Supplemental Demographic Index USA	1.99	N/A	N/A	1.64	73
Demographic Index State	1.9	1.72	58	N/A	N/A
Supplemental Demographic Index State	1.71	1.49	65	N/A	N/A
People of Color	62%	58%	52	40%	73
Low Income	38%	34%	60	30%	68
Unemployment Rate	5%	5%	63	6%	61
Limited English Speaking Households	5%	8%	60	5%	75
Less Than High School Education	15%	16%	59	11%	73
Under Age 5	7%	6%	61	5%	68
Over Age 64	15%	15%	59	18%	45

*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 4
Hazardous Waste, Treatment, Storage, and Disposal Facilities 30
Water Dischargers 746
Air Pollution 117
Brownfields 34
Toxic Release Inventory 116

Other community features within defined area:

Schools 89
Hospitals 16
Places of Worship 236

Other environmental data:

Air Non-attainment ..... Yes
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 County: Jefferson

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	21%	20%	61	20%	64
Heart Disease	6.1	5.4	64	5.8	59
Asthma	10.5	9.8	75	10.3	56
Cancer	6	5.5	62	6.4	39
Persons with Disabilities	15.1%	12.6%	70	13.7%	64

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	18%	10%	87	12%	83
Wildfire Risk	55%	30%	70	14%	86

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	13%	13%	60	13%	62
Lack of Health Insurance	21%	18%	64	9%	93
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

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Report produced July 12, 2024 using EJScreen Version 2.3