EJScreen Community Report

EPA

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

San Juan, PR

1 mile Ring Centered at 18.428170,-66.104763
Population: 4,074
Area in square miles: 3.14

A3 Landscape

January 18, 2024
Project 1

1:18,056

| 0 | 0.2 | 0.4 | 0.8 mi |
| 0 | 0.33 | 0.65 | 1.3 km |

Esri, HERE, Garmin, iPC, Maxar

COMMUNITY INFORMATION

Low income: 81 percent

People of color: 99 percent

Less than high school education: 33 percent

Limited English households: 70 percent

Unemployment: 17 percent

Persons with disabilities: 26 percent

Male: 48 percent

Female: 52 percent

N/A
Average life expectancy

$14,922
Per capita income

Number of households: 1,285

Owner occupied: 64 percent

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	7%
Spanish	93%
Total Non-English	93%

BREAKDOWN BY RACE

White: 1%

Black: 0%

American Indian: 0%

Asian: 0%

Hawaiian/Pacific Islander: 0%

Other race: 0%

Two or more races: 0%

Hispanic: 99%

BREAKDOWN BY AGE

From Ages 1 to 4	5%
From Ages 1 to 18	19%
From Ages 18 and up	81%
From Ages 65 and up	22%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	100%
Speak Other Indo-European Languages	0%
Speak Asian-Pacific Island Languages	0%
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) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

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
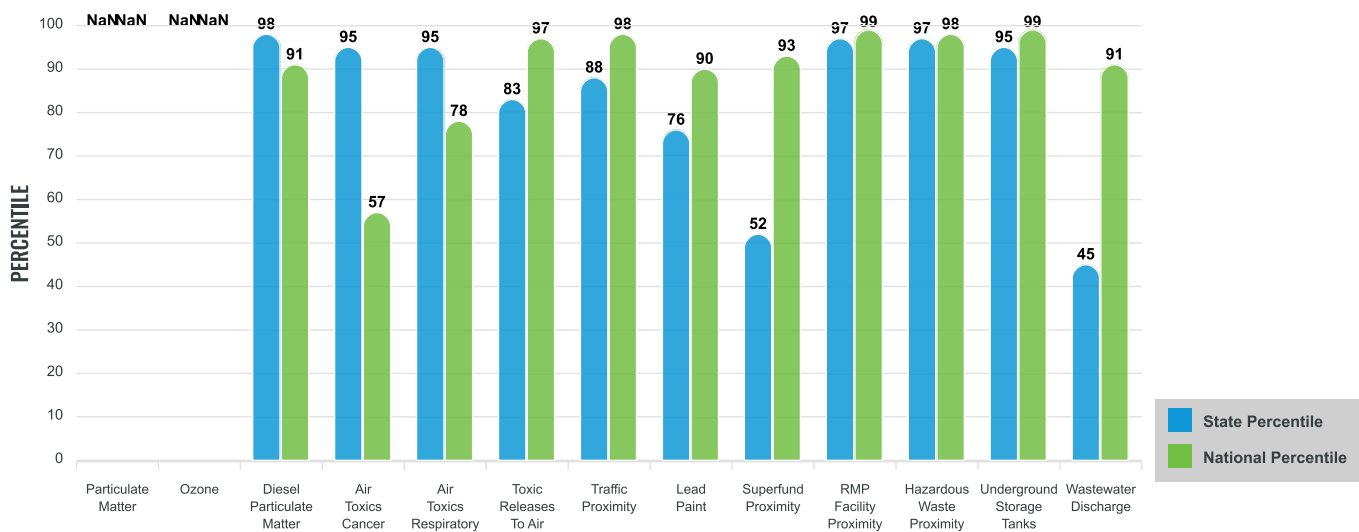
SUPPLEMENTAL INDEXES

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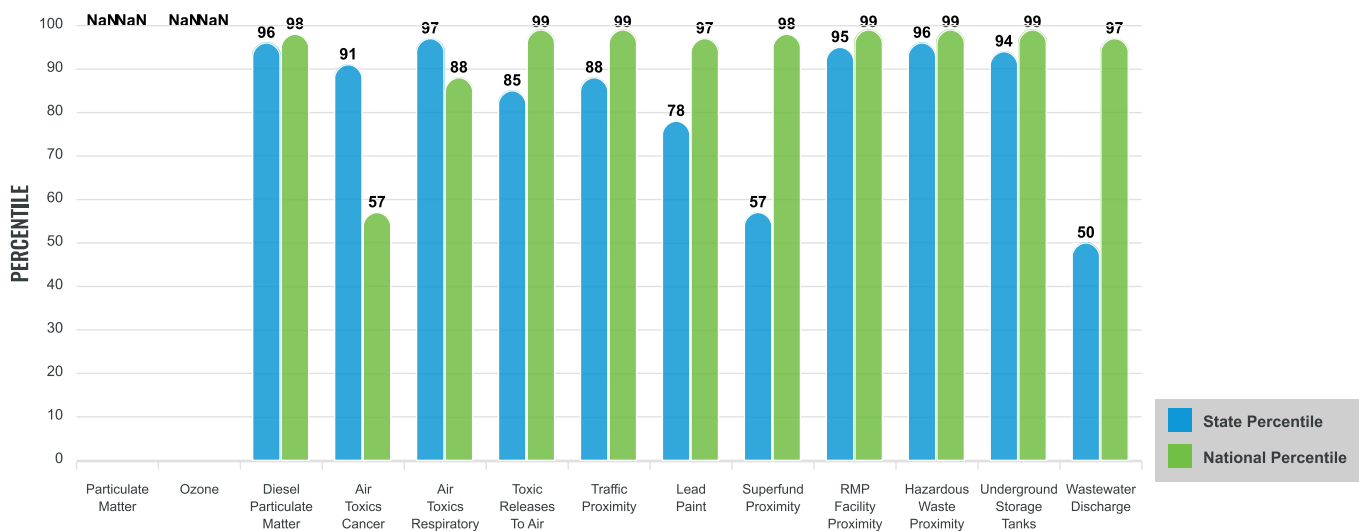
These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

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EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m^3)	N/A	N/A	N/A	8.08	N/A
Ozone (ppb)	N/A	N/A	N/A	61.6	N/A
Diesel Particulate Matter (µg/m^3)	0.252	0.0667	99	0.261	58
Air Toxics Cancer Risk* (lifetime risk per million)	21	20	15	25	5
Air Toxics Respiratory HI*	0.28	0.19	17	0.31	4
Toxic Releases to Air	2,000	4,300	80	4,600	73
Traffic Proximity (daily traffic count/distance to road)	470	180	90	210	89
Lead Paint (% Pre-1960 Housing)	0.25	0.16	79	0.3	53
Superfund Proximity (site count/km distance)	0.08	0.15	50	0.13	59
RMP Facility Proximity (facility count/km distance)	3.3	0.47	98	0.43	98
Hazardous Waste Proximity (facility count/km distance)	3.1	0.76	96	1.9	81
Underground Storage Tanks (count/km^2)	8.6	1.7	95	3.9	86
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.098	2.3	72	22	82
SOCIOECONOMIC INDICATORS					
Demographic Index	90%	83%	61	35%	98
Supplemental Demographic Index	49%	43%	63	14%	99
People of Color	99%	96%	25	39%	96
Low Income	81%	70%	61	31%	97
Unemployment Rate	17%	15%	64	6%	93
Limited English Speaking Households	66%	67%	40	5%	99
Less Than High School Education	33%	21%	81	12%	93
Under Age 5	5%	4%	71	6%	51
Over Age 64	22%	22%	50	17%	72
Low Life Expectancy	N/A	N/A%	N/A	20%	N/A

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are 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. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. 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 55
Air Pollution 13
Brownfields   0
Toxic Release Inventory 10

Other community features within defined area:

Schools 2
Hospitals 0
Places of Worship 0

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

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EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	N/A	N/A	20%	N/A
Heart Disease	N/A	N/A	N/A	6.1	N/A
Asthma	N/A	N/A	N/A	10	N/A
Cancer	N/A	N/A	N/A	6.1	N/A
Persons with Disabilities	22.5%	21.6%	54	13.4%	91

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	N/A	N/A	N/A	12%	N/A
Wildfire Risk	N/A	N/A	N/A	14%	N/A

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	46%	32%	76	14%	97
Lack of Health Insurance	7%	7%	63	9%	54
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	No	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Footnotes

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