

## **Appendix A:**

### **NEPAssist and EJScreen results**

The marsh creation and borrow areas were assessed in NEPAssist and EJSCREEN combined with a 0.50 mi buffer.

# NEPAssist Report

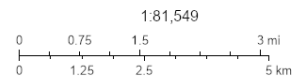
## Borrow Area

A3 Landscape



July 16, 2024

- Borrow Area
- Buffer graphics
- shp\_ba
- shpmca



Earthstar Geographics, CONANP, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc., MET/NASA, USGS, EPA, NPS, USDA, USFWS

Input Coordinates: 29.112652,-90.209773,29.112990,-90.208497,29.111781,-90.208165,29.110219,-90.208174,29.109286,-90.208596,29.107771,-90.210213,29.103886,-90.216286,29.100244,-90.220041,29.094168,-90.223230,29.088532,-90.225080,29.080736,-90.226805,29.051496,-90.231926,29.051724,-90.233336,29.077706,-90.228997,29.084458,-90.227623,29.088972,-90.226383,29.094349,-90.224586,29.097410,-90.223311,29.100934,-90.221209,29.104827,-90.217103,29.109388,-90.210258,29.109921,-90.209809,29.111106,-90.209602,29.112652,-90.209773

Project Area	0.42 sq mi
Within 0.5 miles of an Ozone 1-hr (1979 standard) Non-Attainment/Maintenance Area?	yes
Within 0.5 miles of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of an Ozone 8-hr (2015 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Federal Land?	no
Within 0.5 miles of an impaired stream?	yes
Within 0.5 miles of an impaired waterbody?	yes
Within 0.5 miles of a waterbody?	yes

Within 0.5 miles of a stream?	yes
Within 0.5 miles of an NWI wetland?	Available Online
Within 0.5 miles of a Brownfields site?	no
Within 0.5 miles of a Superfund site?	no
Within 0.5 miles of a Toxic Release Inventory (TRI) site?	yes
Within 0.5 miles of a water discharger (NPDES)?	yes
Within 0.5 miles of a hazardous waste (RCRA) facility?	yes
Within 0.5 miles of an air emission facility?	yes
Within 0.5 miles of a school?	no
Within 0.5 miles of an airport?	no
Within 0.5 miles of a hospital?	no
Within 0.5 miles of a designated sole source aquifer?	no
Within 0.5 miles of a historic property on the National Register of Historic Places?	no
Within 0.5 miles of a Chemical Data Reporting (CDR) site?	no
Within 0.5 miles of a Land Cession Boundary?	no
Within 0.5 miles of a tribal area (lower 48 states)?	no
Within 0.5 miles of the service area of a mitigation or conservation bank?	yes
Within 0.5 miles of the service area of an In-Lieu-Fee Program?	yes
Within 0.5 miles of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 0.5 miles of a Munitions Response Site?	no
Within 0.5 miles of an Essential Fish Habitat (EFH)?	yes
Within 0.5 miles of a Habitat Area of Particular Concern (HAPC)?	no
Within 0.5 miles of an EFH Area Protected from Fishing (EFHA)?	no
Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	yes
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

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# NEPAssist Report

## MCA

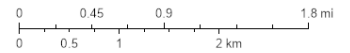
A3 Landscape



July 16, 2024

- MCA
- Buffer graphics
- shp\_ba
- shpmca

1:40,775



CONANIP, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Maxar

Input Coordinates: 29.105149,-90.265936,29.106884,-90.266681,29.108665,-90.265217,29.106389,-90.248796,29.109152,-90.246011,29.109027,-90.243361,29.106287,-90.240145,29.105455,-90.236381,29.106366,-90.234306,29.105157,-90.233650,29.103352,-90.234019,29.099404,-90.237612,29.098776,-90.241582,29.100126,-90.263977,29.105149,-90.265936

Project Area	1.01 sq mi
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Created on: 7/16/2024 4:12:37 PM



# EJScreen Community Report

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

The area is too small or sparsely populated, or these data are not available in the national dataset. Cannot generate an EJScreen chart or report.

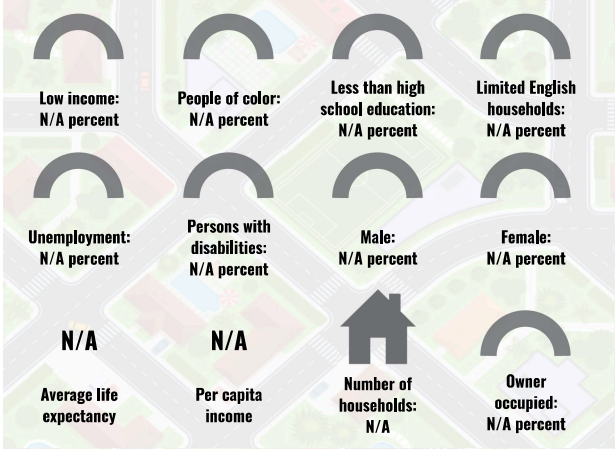


September 18, 2024  
Borrow Area  
MCA  
shp\_ba  
1:72,224  
0 0.75 1.5 3 mi  
0 1.25 2.5 5 km  
Data HERE, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

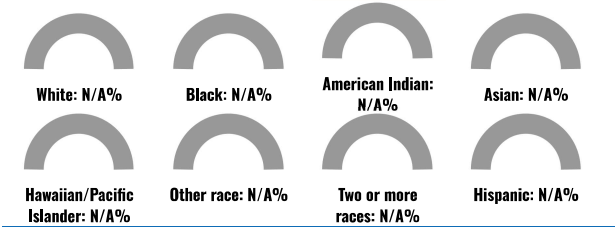
## LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
No language data available.	

## COMMUNITY INFORMATION



## BREAKDOWN BY RACE



## BREAKDOWN BY AGE



## LIMITED ENGLISH SPEAKING BREAKDOWN



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 0.5 miles Ring around the Area  
Report produced September 18, 2024 using EJScreen Version 2.3

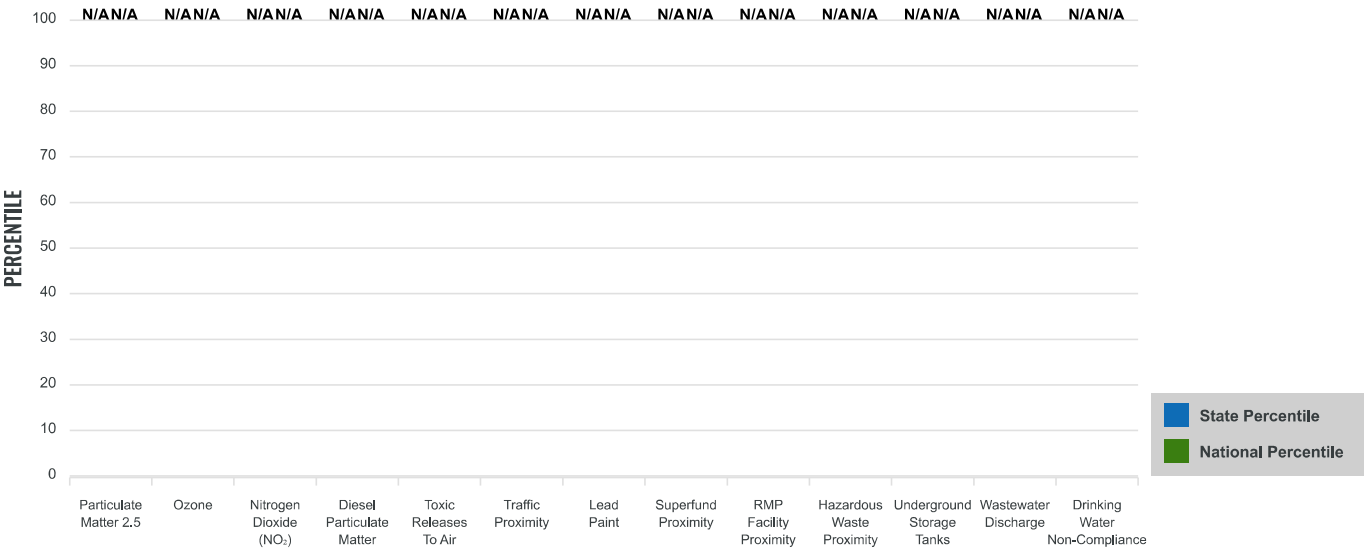
# Environmental Justice & Supplemental Indexes

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.

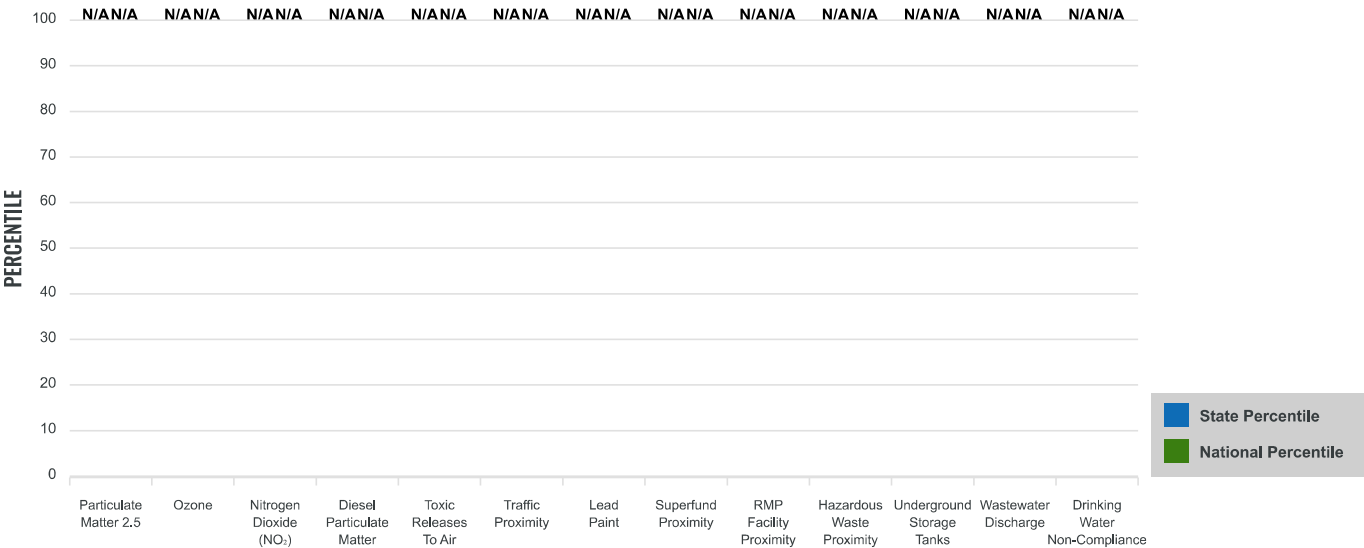
### EJ INDEXES FOR THE SELECTED LOCATION



## 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 0.5 miles Ring around the Area  
Report produced September 18, 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/m³)	XX	XX	XX	XX	XX
Ozone (ppb)	XX	XX	XX	XX	XX
Nitrogen Dioxide (NO₂) (ppbv)	XX	XX	XX	XX	XX
Diesel Particulate Matter (µg/m³)	XX	XX	XX	XX	XX
Toxic Releases to Air (toxicity-weighted concentration)	XX	XX	XX	XX	XX
Traffic Proximity (daily traffic count/distance to road)	XX	XX	XX	XX	XX
Lead Paint (% Pre-1960 Housing)	XX	XX	XX	XX	XX
Superfund Proximity (site count/km distance)	XX	XX	XX	XX	XX
RMP Facility Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Hazardous Waste Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Underground Storage Tanks (count/km²)	XX	XX	XX	XX	XX
Wastewater Discharge (toxicity-weighted concentration/m distance)	XX	XX	XX	XX	XX
Drinking Water Non-Compliance (points)	XX	XX	XX	XX	XX
SOCIOECONOMIC INDICATORS					
Demographic Index USA	XX%	N/A	N/A	XX%	XX
Supplemental Demographic Index USA	XX%	N/A	N/A	XX%	XX
Demographic Index State	XX%	XX%	XX	N/A	N/A
Supplemental Demographic Index State	XX%	XX%	XX	N/A	N/A
People of Color	N/A	XX%	XX	XX%	XX
Low Income	XX%	XX%	XX	XX%	XX
Unemployment Rate	XX%	XX%	XX	XX%	XX
Limited English Speaking Households	XX%	XX%	XX	XX%	XX
Less Than High School Education	XX%	XX%	XX	XX%	XX
Under Age 5	XX%	XX%	XX	XX%	XX
Over Age 64	XX%	XX%	XX	XX%	XX

\*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 .....	XX
Hazardous Waste, Treatment, Storage, and Disposal Facilities .....	XX
Water Dischargers .....	XX
Air Pollution .....	XX
Brownfields .....	XX
Toxic Release Inventory .....	XX

### Other community features within defined area:

Schools .....	XX
Hospitals .....	XX
Places of Worship .....	XX

### Other environmental data:

Air Non-attainment .....	XX
Impaired Waters .....	XX

Selected location contains American Indian Reservation Lands* .....	XX
Selected location contains a "Justice40 (CEJST)" disadvantaged community .....	XX
Selected location contains an EPA IRA disadvantaged community .....	XX

Report for 0.5 miles Ring around the Area  
Report produced September 18, 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	XX	XX	XX	XX	XX
Heart Disease	XX	XX	XX	XX	XX
Asthma	XX	XX	XX	XX	XX
Cancer	XX	XX	XX	XX	XX
Persons with Disabilities	XX	XX	XX	XX	XX

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	XX	XX	XX	XX	XX
Wildfire Risk	XX	XX	XX	XX	XX

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	XX	XX	XX	XX	XX
Lack of Health Insurance	XX	XX	XX	XX	XX
Housing Burden	XX	N/A	N/A	N/A	N/A
Transportation Access Burden	XX	N/A	N/A	N/A	N/A
Food Desert	XX	N/A	N/A	N/A	N/A

Report for 0.5 miles Ring around the Area

Report produced September 18, 2024 using EJScreen Version 2.3

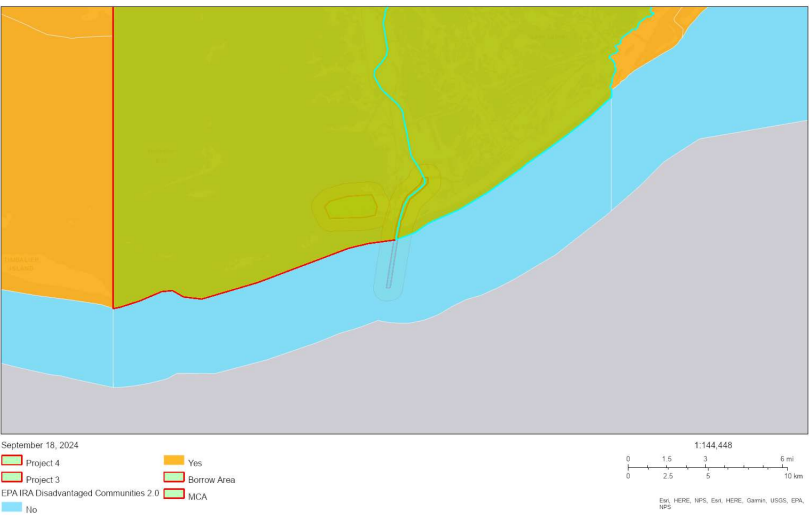


# EJScreen Community Report

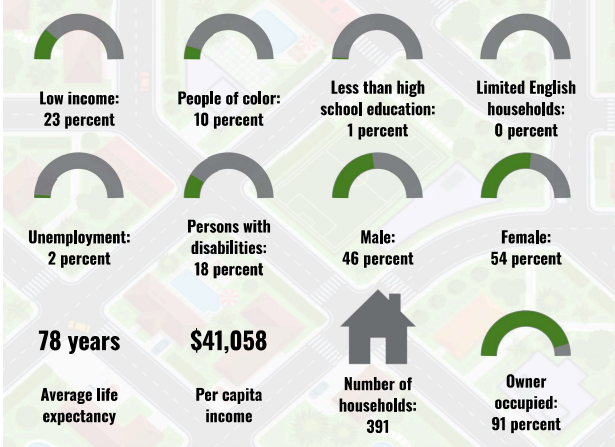
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

## Lafourche Parish, LA

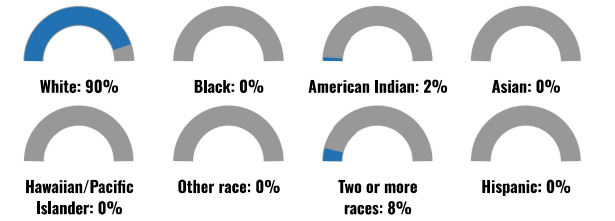
the User Specified Area  
Population: 643  
Area in square miles: 252.83



### COMMUNITY INFORMATION



### BREAKDOWN BY RACE



### BREAKDOWN BY AGE



### LIMITED ENGLISH SPEAKING BREAKDOWN



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	57%
Spanish	11%
French, Haitian, or Cajun	31%
Total Non-English	43%

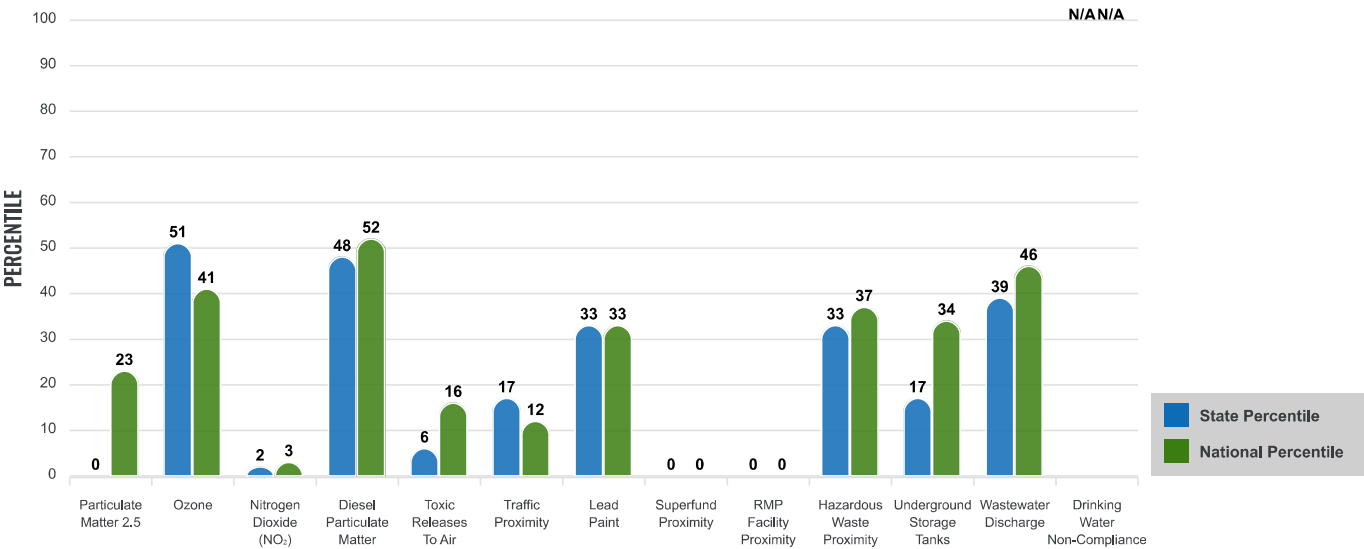
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## EJ INDEXES

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.

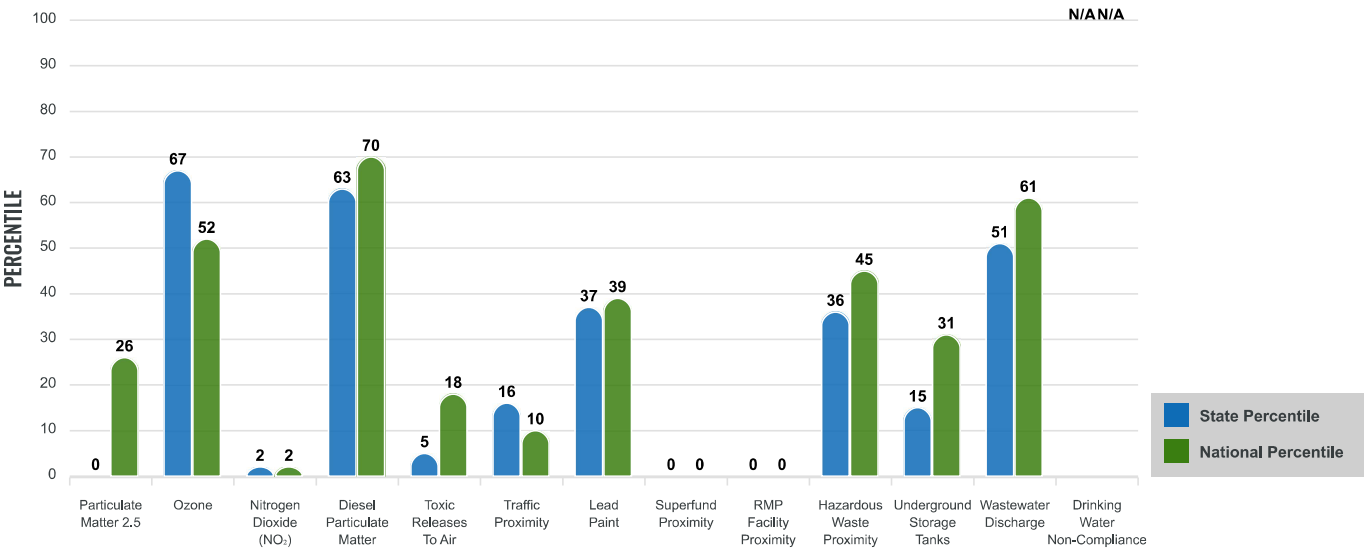
### EJ INDEXES FOR THE SELECTED LOCATION



## 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 the User Specified Area  
Report produced September 18, 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/m³)	7.28	8.28	0	8.45	24
Ozone (ppb)	60.4	57.7	87	61.8	50
Nitrogen Dioxide (NO <sub>2</sub> ) (ppbv)	2.2	6.3	2	7.8	2
Diesel Particulate Matter (µg/m³)	0.234	0.14	82	0.191	72
Toxic Releases to Air (toxicity-weighted concentration)	46	15,000	7	4,600	17
Traffic Proximity (daily traffic count/distance to road)	43,000	390,000	22	1,700,000	11
Lead Paint (% Pre-1960 Housing)	0.13	0.21	49	0.3	39
Superfund Proximity (site count/km distance)	0	0.093	0	0.39	0
RMP Facility Proximity (facility count/km distance)	0	0.78	0	0.57	0
Hazardous Waste Proximity (facility count/km distance)	0.85	2.1	44	3.5	42
Underground Storage Tanks (count/km²)	0.0061	2.2	14	3.6	27
Wastewater Discharge (toxicity-weighted concentration/m distance)	200	38000000	63	700000	61
Drinking Water Non-Compliance (points)	N/A	6.2	N/A	2.2	N/A
SOCIOECONOMIC INDICATORS					
Demographic Index USA	0.7	N/A	N/A	1.34	25
Supplemental Demographic Index USA	1.42	N/A	N/A	1.64	42
Demographic Index State	0.63	1.51	16	N/A	N/A
Supplemental Demographic Index State	1.12	1.67	19	N/A	N/A
People of Color	10%	43%	19	40%	21
Low Income	23%	40%	27	30%	43
Unemployment Rate	2%	7%	41	6%	36
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	1%	15%	10	11%	12
Under Age 5	1%	6%	23	5%	16
Over Age 64	0%	17%	0	18%	0

\*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	10
Water Dischargers	225
Air Pollution	38
Brownfields	0
Toxic Release Inventory	12

### Other community features within defined area:

Schools	0
Hospitals	0
Places of Worship	0

### 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 the User Specified Area  
Report produced September 18, 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%	22%	18	20%	46
Heart Disease	6.9	6.5	60	5.8	73
Asthma	10.3	10.7	42	10.3	53
Cancer	6.6	6.3	62	6.4	53
Persons with Disabilities	18.1%	16.4%	64	13.7%	79

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	37%	25%	79	12%	93
Wildfire Risk	0%	7%	0	14%	0

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	52%	19%	95	13%	98
Lack of Health Insurance	4%	8%	15	9%	25
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 the User Specified Area

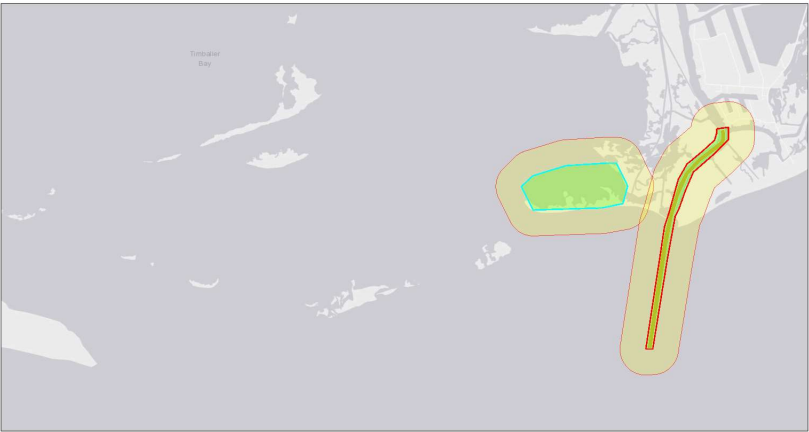
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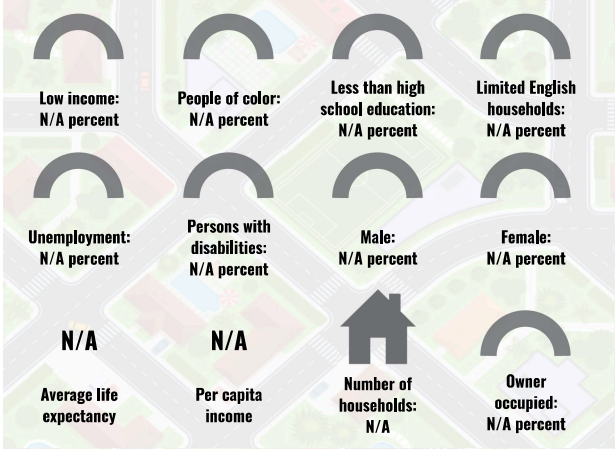


September 18, 2024  
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MCA  
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1:72,224  
0 0.75 1.5 3 mi  
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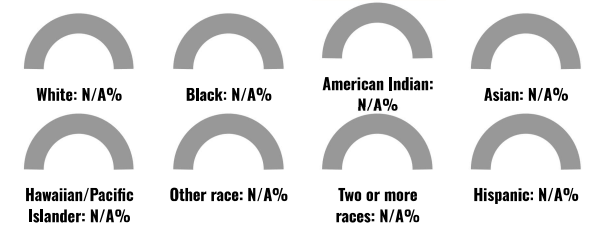
## LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
No language data available.	

## COMMUNITY INFORMATION



## BREAKDOWN BY RACE



## BREAKDOWN BY AGE



## LIMITED ENGLISH SPEAKING BREAKDOWN



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Report produced September 18, 2024 using EJScreen Version 2.3

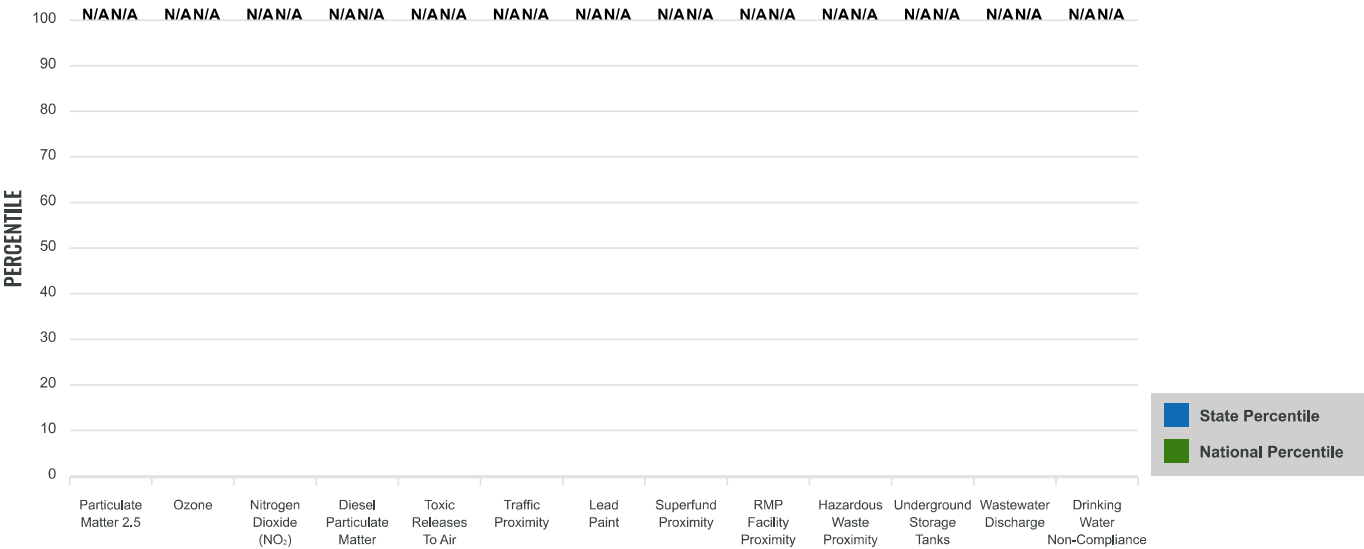
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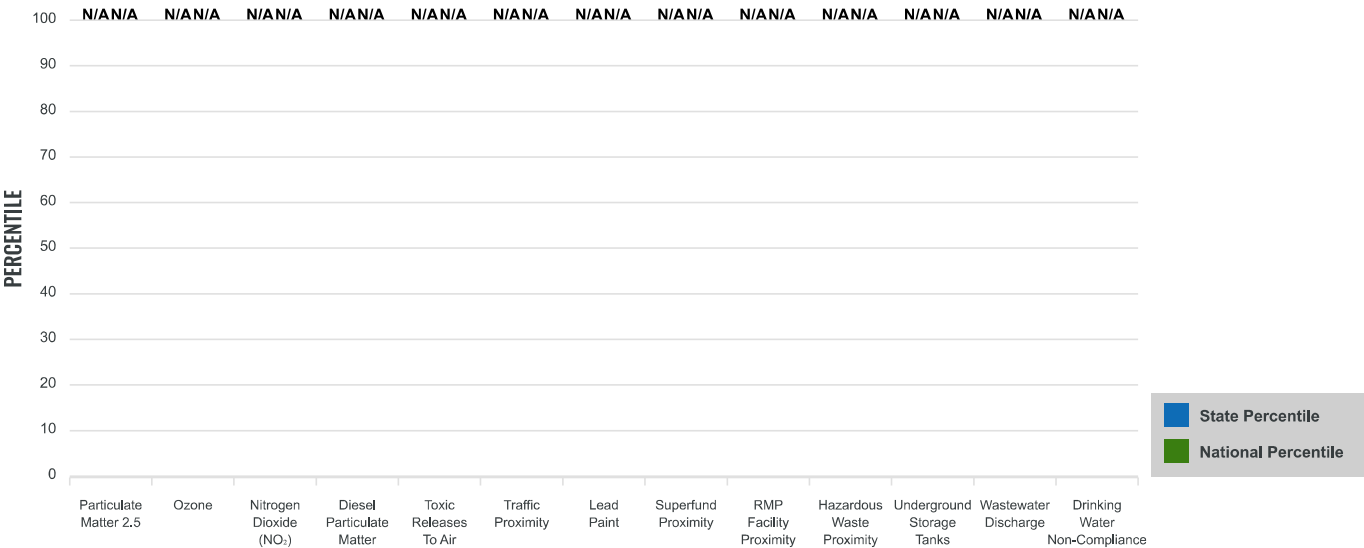
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### SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for 0.5 miles Ring around the Area  
Report produced September 18, 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/m³)	XX	XX	XX	XX	XX
Ozone (ppb)	XX	XX	XX	XX	XX
Nitrogen Dioxide (NO <sub>2</sub> ) (ppbv)	XX	XX	XX	XX	XX
Diesel Particulate Matter (µg/m³)	XX	XX	XX	XX	XX
Toxic Releases to Air (toxicity-weighted concentration)	XX	XX	XX	XX	XX
Traffic Proximity (daily traffic count/distance to road)	XX	XX	XX	XX	XX
Lead Paint (% Pre-1960 Housing)	XX	XX	XX	XX	XX
Superfund Proximity (site count/km distance)	XX	XX	XX	XX	XX
RMP Facility Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Hazardous Waste Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Underground Storage Tanks (count/km²)	XX	XX	XX	XX	XX
Wastewater Discharge (toxicity-weighted concentration/m distance)	XX	XX	XX	XX	XX
Drinking Water Non-Compliance (points)	XX	XX	XX	XX	XX
SOCIOECONOMIC INDICATORS					
Demographic Index USA	XX%	N/A	N/A	XX%	XX
Supplemental Demographic Index USA	XX%	N/A	N/A	XX%	XX
Demographic Index State	XX%	XX%	XX	N/A	N/A
Supplemental Demographic Index State	XX%	XX%	XX	N/A	N/A
People of Color	N/A	XX%	XX	XX%	XX
Low Income	XX%	XX%	XX	XX%	XX
Unemployment Rate	XX%	XX%	XX	XX%	XX
Limited English Speaking Households	XX%	XX%	XX	XX%	XX
Less Than High School Education	XX%	XX%	XX	XX%	XX
Under Age 5	XX%	XX%	XX	XX%	XX
Over Age 64	XX%	XX%	XX	XX%	XX

\*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 .....	XX
Hazardous Waste, Treatment, Storage, and Disposal Facilities .....	XX
Water Dischargers .....	XX
Air Pollution .....	XX
Brownfields .....	XX
Toxic Release Inventory .....	XX

### Other community features within defined area:

Schools .....	XX
Hospitals .....	XX
Places of Worship .....	XX

### Other environmental data:

Air Non-attainment .....	XX
Impaired Waters .....	XX

Selected location contains American Indian Reservation Lands* .....	XX
Selected location contains a "Justice40 (CEJST)" disadvantaged community .....	XX
Selected location contains an EPA IRA disadvantaged community .....	XX

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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	XX	XX	XX	XX	XX
Heart Disease	XX	XX	XX	XX	XX
Asthma	XX	XX	XX	XX	XX
Cancer	XX	XX	XX	XX	XX
Persons with Disabilities	XX	XX	XX	XX	XX

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	XX	XX	XX	XX	XX
Wildfire Risk	XX	XX	XX	XX	XX

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	XX	XX	XX	XX	XX
Lack of Health Insurance	XX	XX	XX	XX	XX
Housing Burden	XX	N/A	N/A	N/A	N/A
Transportation Access Burden	XX	N/A	N/A	N/A	N/A
Food Desert	XX	N/A	N/A	N/A	N/A

Report for 0.5 miles Ring around the Area

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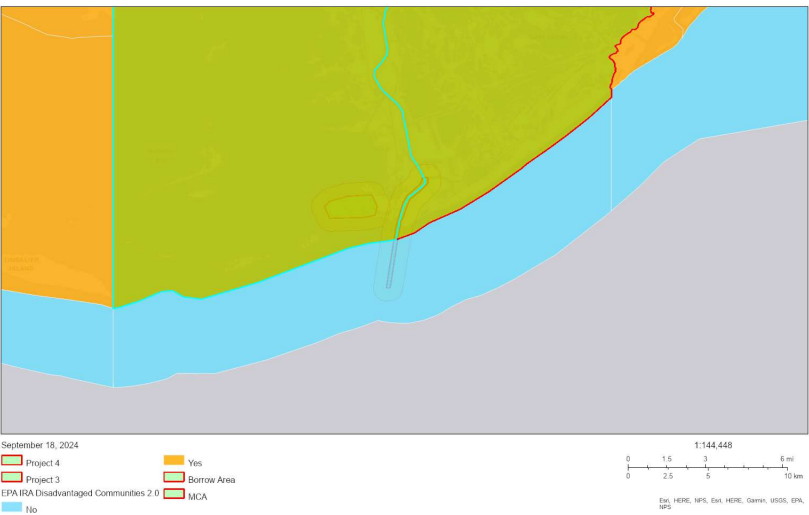


# EJScreen Community Report

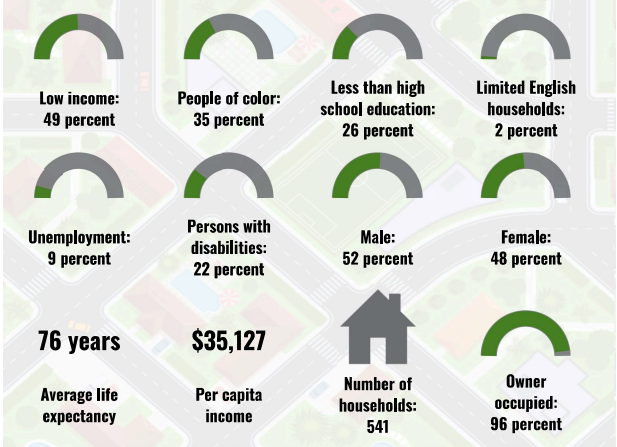
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

## Lafourche Parish, LA

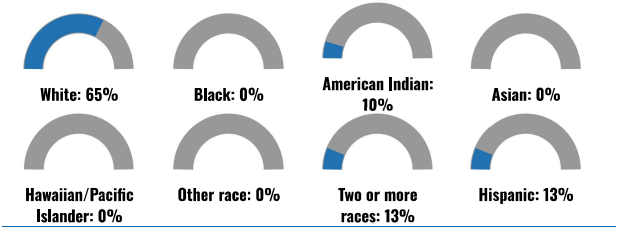
the User Specified Area  
Population: 1,285  
Area in square miles: 242.31



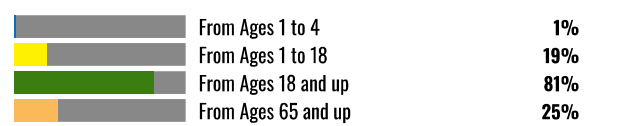
### COMMUNITY INFORMATION



### BREAKDOWN BY RACE



### BREAKDOWN BY AGE



### LIMITED ENGLISH SPEAKING BREAKDOWN



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	72%
Spanish	6%
French, Haitian, or Cajun	22%
Total Non-English	28%

Report for the User Specified Area  
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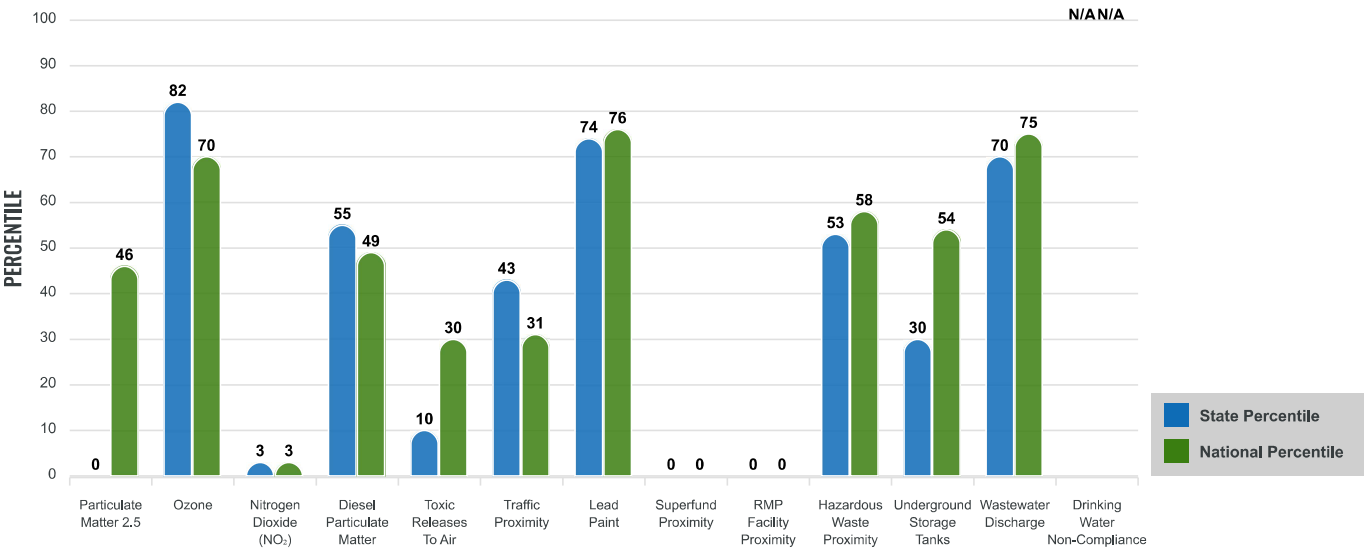
# Environmental Justice & Supplemental Indexes

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.

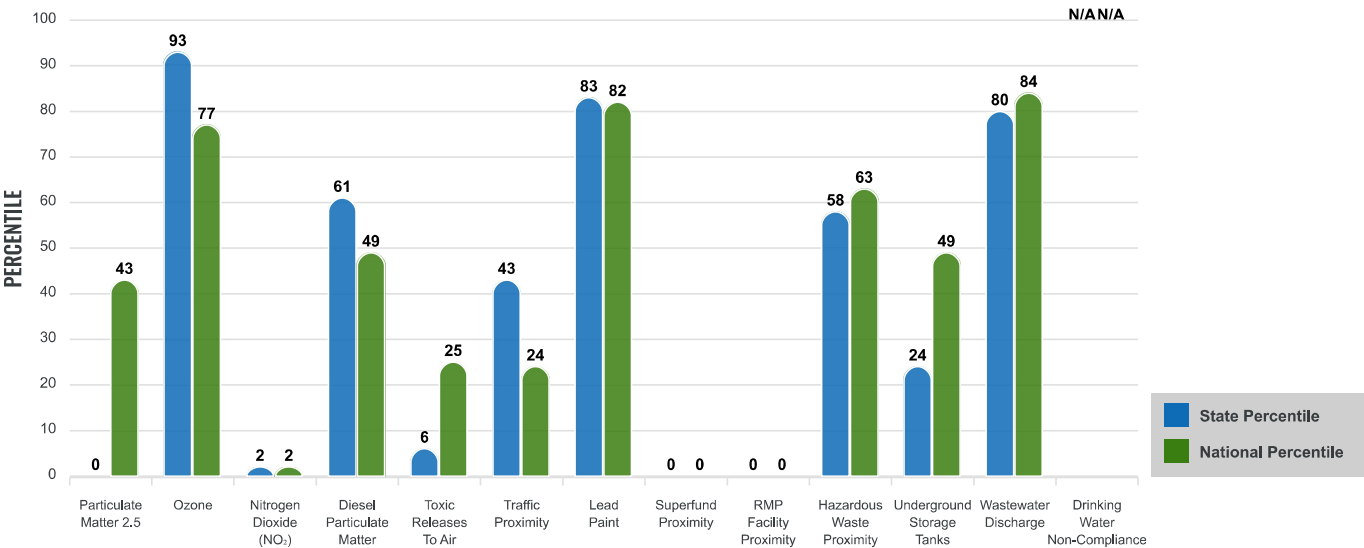
### EJ INDEXES FOR THE SELECTED LOCATION



## 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 the User Specified Area  
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# 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/m³)	7.32	8.28	0	8.45	25
Ozone (ppb)	60.1	57.7	86	61.8	49
Nitrogen Dioxide (NO <sub>2</sub> ) (ppbv)	2	6.3	1	7.8	1
Diesel Particulate Matter (µg/m³)	0.096	0.14	42	0.191	27
Toxic Releases to Air (toxicity-weighted concentration)	32	15,000	5	4,600	14
Traffic Proximity (daily traffic count/distance to road)	72,000	390,000	28	1,700,000	14
Lead Paint (% Pre-1960 Housing)	0.31	0.21	75	0.3	60
Superfund Proximity (site count/km distance)	0	0.093	0	0.39	0
RMP Facility Proximity (facility count/km distance)	0	0.78	0	0.57	0
Hazardous Waste Proximity (facility count/km distance)	0.65	2.1	39	3.5	37
Underground Storage Tanks (count/km²)	0.014	2.2	16	3.6	28
Wastewater Discharge (toxicity-weighted concentration/m distance)	170	38000000	62	700000	60
Drinking Water Non-Compliance (points)	N/A	6.2	N/A	2.2	N/A
SOCIOECONOMIC INDICATORS					
Demographic Index USA	1.71	N/A	N/A	1.34	70
Supplemental Demographic Index USA	2.38	N/A	N/A	1.64	86
Demographic Index State	1.57	1.51	57	N/A	N/A
Supplemental Demographic Index State	2.06	1.67	74	N/A	N/A
People of Color	35%	43%	47	40%	54
Low Income	49%	40%	64	30%	80
Unemployment Rate	9%	7%	71	6%	79
Limited English Speaking Households	2%	2%	80	5%	62
Less Than High School Education	26%	15%	83	11%	89
Under Age 5	1%	6%	24	5%	18
Over Age 64	25%	17%	79	18%	79

\*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	0
Water Dischargers	135
Air Pollution	6
Brownfields	0
Toxic Release Inventory	1

### Other community features within defined area:

Schools	0
Hospitals	0
Places of Worship	1

### 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

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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	22%	22%	41	20%	70
Heart Disease	7.5	6.5	75	5.8	83
Asthma	10.8	10.7	58	10.3	67
Cancer	6.9	6.3	71	6.4	58
Persons with Disabilities	22.1%	16.4%	83	13.7%	90

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	20%	25%	59	12%	85
Wildfire Risk	0%	7%	0	14%	0

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	10%	19%	36	13%	51
Lack of Health Insurance	8%	8%	54	9%	58
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 the User Specified Area

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