

ATTACHMENT 21

**COPY OF THE EJ SCREEN: ENVIRONMENTAL
JUSTICE SCREENING AND MAPPING TOOL / US
CENSUS DATABASE REVIEW REPORTS**



Location: User-specified linear location
 Ring (buffer): 1-miles radius
 Description: PR-10 Corridor

Summary of ACS Estimates		2016 - 2020
Population		2,865
Population Density (per sq. mile)		195
People of Color Population		2,863
% People of Color Population		100%
Households		1,000
Housing Units		1,272
Housing Units Built Before 1950		44
Per Capita Income		7,504
Land Area (sq. miles) (Source: SF1)		14.66
% Land Area		100%
Water Area (sq. miles) (Source: SF1)		0.03
% Water Area		0%

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	2,865	100%	418
Population Reporting One Race	2,788	97%	888
White	1,829	64%	402
Black	26	1%	100
American Indian	4	0%	18
Asian	2	0%	14
Pacific Islander	0	0%	14
Some Other Race	927	32%	340
Population Reporting Two or More Races	78	3%	122
Total Hispanic Population	2,861	100%	413
Total Non-Hispanic Population	4		
White Alone	3	0%	25
Black Alone	0	0%	14
American Indian Alone	1	0%	14
Non-Hispanic Asian Alone	0	0%	14
Pacific Islander Alone	0	0%	14
Other Race Alone	0	0%	14
Two or More Races Alone	0	0%	14
Population by Sex			
Male	1,339	47%	284
Female	1,527	53%	248
Population by Age			
Age 0-4	91	3%	134
Age 0-17	532	19%	158
Age 18+	2,333	81%	306
Age 65+	506	18%	124

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2016 - 2020.



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	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	2,057	100%	304
Less than 9th Grade	397	19%	196
9th - 12th Grade, No Diploma	208	10%	108
High School Graduate	579	28%	161
Some College, No Degree	307	15%	124
Associate Degree	225	11%	91
Bachelor's Degree or more	342	17%	128
Population Age 5+ Years by Ability to Speak English			
Total	2,774	100%	405
Speak only English	92	3%	66
Non-English at Home ¹⁺²⁺³⁺⁴	2,682	97%	373
¹ Speak English "very well"	204	7%	98
² Speak English "well"	283	10%	127
³ Speak English "not well"	537	19%	165
⁴ Speak English "not at all"	1,659	60%	290
³⁺⁴ Speak English "less than well"	2,196	79%	333
²⁺³⁺⁴ Speak English "less than very well"	2,478	89%	356
Linguistically Isolated Households*			
Total	800	100%	133
Speak Spanish	800	100%	132
Speak Other Indo-European Languages	0	0%	14
Speak Asian-Pacific Island Languages	0	0%	14
Speak Other Languages	0	0%	14
Households by Household Income			
Household Income Base	1,000	100%	128
< \$15,000	524	52%	131
\$15,000 - \$25,000	192	19%	79
\$25,000 - \$50,000	246	25%	78
\$50,000 - \$75,000	30	3%	52
\$75,000 +	9	1%	39
Occupied Housing Units by Tenure			
Total	1,000	100%	128
Owner Occupied	703	70%	124
Renter Occupied	297	30%	92
Employed Population Age 16+ Years			
Total	2,436	100%	357
In Labor Force	948	39%	242
Civilian Unemployed in Labor Force	361	15%	196
Not In Labor Force	1,488	61%	290

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.



Location: User-specified linear location
 Ring (buffer): 1-miles radius
 Description: PR-10 Corridor

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	2,680	100%	565
English	69	3%	74
Spanish	2,598	97%	549
French, Haitian, or Cajun	0	0%	14
German or other West Germanic	0	0%	14
Russian, Polish, or Other Slavic	0	0%	14
Other Indo-European	0	0%	14
Korean	0	0%	14
Chinese (including Mandarin, Cantonese)	13	0%	98
Vietnamese	0	0%	14
Tagalog (including Filipino)	0	0%	14
Other Asian and Pacific Island	0	0%	14
Arabic	0	0%	14
Other and Unspecified	0	0%	14
Total Non-English	2,610	97%	566

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2016 - 2020.
 *Population by Language Spoken at Home is available at the census tract summary level and up.



QuickFacts

Utua Municipio, Puerto Rico; Adjuntas Municipio, Puerto Rico; Puerto Rico

QuickFacts provides statistics for all states and counties, and for cities and towns with a *population of 5,000 or more*.

Table

All Topics	Utua Municipio, Puerto Rico	Adjuntas Municipio, Puerto Rico	Puerto Rico
Population Estimates, July 1 2022, (V2022)	△ NA	△ NA	△ 3,221,789
PEOPLE			
Population			
Population Estimates, July 1 2022, (V2022)	△ NA	△ NA	△ 3,221,789
Population Estimates, July 1 2021, (V2021)	△ 27,950	△ 17,987	△ 3,262,693
Population estimates base, April 1, 2020, (V2022)	△ NA	△ NA	△ 3,285,874
Population estimates base, April 1, 2020, (V2021)	△ 28,287	△ 18,020	△ 3,285,874
Population, percent change - April 1, 2020 (estimates base) to July 1, 2022, (V2022)	△ NA	△ NA	△ -2.0%
Population, percent change - April 1, 2020 (estimates base) to July 1, 2021, (V2021)	△ -1.2%	△ -0.2%	△ -0.7%
Population, Census, April 1, 2020	28,287	18,020	3,285,874
Population, Census, April 1, 2010	33,149	19,483	3,725,789
Age and Sex			
Persons under 5 years, percent	△ 3.2%	△ 3.0%	△ 3.2%
Persons under 18 years, percent	△ 17.0%	△ 17.8%	△ 16.7%
Persons 65 years and over, percent	△ 24.5%	△ 22.1%	△ 22.7%
Female persons, percent	△ 51.7%	△ 51.3%	△ 52.7%
Race and Hispanic Origin			
White alone, percent	△ 51.4%	△ 84.3%	△ 51.1%
Black or African American alone, percent (a)	△ 1.3%	△ 1.5%	△ 10.0%
American Indian and Alaska Native alone, percent (a)	△ 0.0%	△ 0.1%	△ 0.2%
Asian alone, percent (a)	△ 0.1%	△ 0.0%	△ 0.2%
Native Hawaiian and Other Pacific Islander alone, percent (a)	△ 0.0%	△ 0.0%	△ 0.0%
Two or More Races, percent	△ 3.2%	△ 5.7%	△ 16.9%
Hispanic or Latino, percent (b)	△ 98.6%	△ 99.5%	△ 98.8%
White alone, not Hispanic or Latino, percent	△ 0.9%	△ 0.5%	△ 0.9%
Population Characteristics			
Veterans, 2017-2021	421	377	71,064
Foreign born persons, percent, 2017-2021	0.6%	0.3%	2.8%
Housing			
Housing units, July 1, 2021, (V2021)	X	X	X
Owner-occupied housing unit rate, 2017-2021	60.2%	65.4%	68.0%
Median value of owner-occupied housing units, 2017-2021	\$91,100	\$78,900	\$111,800
Median selected monthly owner costs -with a mortgage, 2017-2021	\$715	\$765	\$884
Median selected monthly owner costs -without a mortgage, 2017-2021	\$130	\$108	\$153
Median gross rent, 2017-2021	\$421	\$377	\$505
Building permits, 2021	X	X	X
Families & Living Arrangements			
Households, 2017-2021	10,111	5,611	1,196,790
Persons per household, 2017-2021	2.82	3.21	2.74
Living in same house 1 year ago, percent of persons age 1 year+, 2017-2021	95.5%	95.0%	93.3%
Language other than English spoken at home, percent of persons age 5 years+, 2017-2021	95.1%	95.5%	94.9%
Computer and Internet Use			
Households with a computer, percent, 2017-2021	69.8%	72.6%	75.9%
Households with a broadband Internet subscription, percent, 2017-2021	56.7%	67.6%	68.0%
Education			

High school graduate or higher, percent of persons age 25 years+, 2017-2021	73.5%	65.1%	78.4%
Bachelor's degree or higher, percent of persons age 25 years+, 2017-2021	21.1%	14.4%	27.4%
Health			
With a disability, under age 65 years, percent, 2017-2021	14.4%	11.6%	14.7%
Persons without health insurance, under age 65 years, percent	△ 7.9%	△ 6.0%	△ 7.1%
Economy			
In civilian labor force, total, percent of population age 16 years+, 2017-2021	39.0%	38.2%	44.2%
In civilian labor force, female, percent of population age 16 years+, 2017-2021	37.3%	30.3%	39.7%
Total accommodation and food services sales, 2017 (\$1,000) (c)	4,981	4,618	4,313,196
Total health care and social assistance receipts/revenue, 2017 (\$1,000) (c)	18,408	12,297	7,885,285
Total transportation and warehousing receipts/revenue, 2017 (\$1,000) (c)	NA	709	2,345,789
Total retail sales, 2017 (\$1,000) (c)	115,923	35,313	25,456,248
Total retail sales per capita, 2017 (c)	\$4,032	\$1,969	\$7,655
Transportation			
Mean travel time to work (minutes), workers age 16 years+, 2017-2021	35.3	26.4	28.6
Income & Poverty			
Median household income (in 2021 dollars), 2017-2021	\$15,812	\$15,375	\$21,967
Per capita income in past 12 months (in 2021 dollars), 2017-2021	\$9,462	\$7,527	\$14,047
Persons in poverty, percent	△ 54.6%	△ 67.1%	△ 40.5%

BUSINESSES


Businesses			
Total employer establishments, 2020	189	127	45,451
Total employment, 2020	1,264	950	680,586
Total annual payroll, 2020 (\$1,000)	20,848	16,065	17,903,993
Total employment, percent change, 2019-2020	-6.2%	2.8%	0.1%
Total nonemployer establishments, 2019	X	X	X
All employer firms, Reference year 2017	X	X	X
Men-owned employer firms, Reference year 2017	X	X	X
Women-owned employer firms, Reference year 2017	X	X	X
Minority-owned employer firms, Reference year 2017	X	X	X
Nonminority-owned employer firms, Reference year 2017	X	X	X
Veteran-owned employer firms, Reference year 2017	X	X	X
Nonveteran-owned employer firms, Reference year 2017	X	X	X


GEOGRAPHY

Geography			
Population per square mile, 2020	249.2	270.2	959.6
Population per square mile, 2010	292.0	292.1	1,088.2
Land area in square miles, 2020	113.53	66.69	3,424.32
Land area in square miles, 2010	113.53	66.69	3,423.80
FIPS Code	72141	72001	72

[About datasets used in this table](#)

Value Notes

 Estimates are not comparable to other geographic levels due to methodology differences that may exist between different data sources.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info  icon to the row in TABLE view to learn about sampling error.

The vintage year (e.g., V2022) refers to the final year of the series (2020 thru 2022). Different vintage years of estimates are not comparable.

Users should exercise caution when comparing 2017-2021 ACS 5-year estimates to other ACS estimates. For more information, please visit the [2021 5-year ACS Comparison Guidance](#) page.

Fact Notes

- (a) Includes persons reporting only one race
- (c) Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data
- (b) Hispanics may be of any race, so also are included in applicable race categories

Value Flags

- Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest or upper in open ended distribution.
- F Fewer than 25 firms
- D Suppressed to avoid disclosure of confidential information
- N Data for this geographic area cannot be displayed because the number of sample cases is too small.
- FN Footnote on this item in place of data
- X Not applicable
- S Suppressed; does not meet publication standards
- NA Not available
- Z Value greater than zero but less than half unit of measure shown

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Estimates, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

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Measuring America's People, Places, and Economy

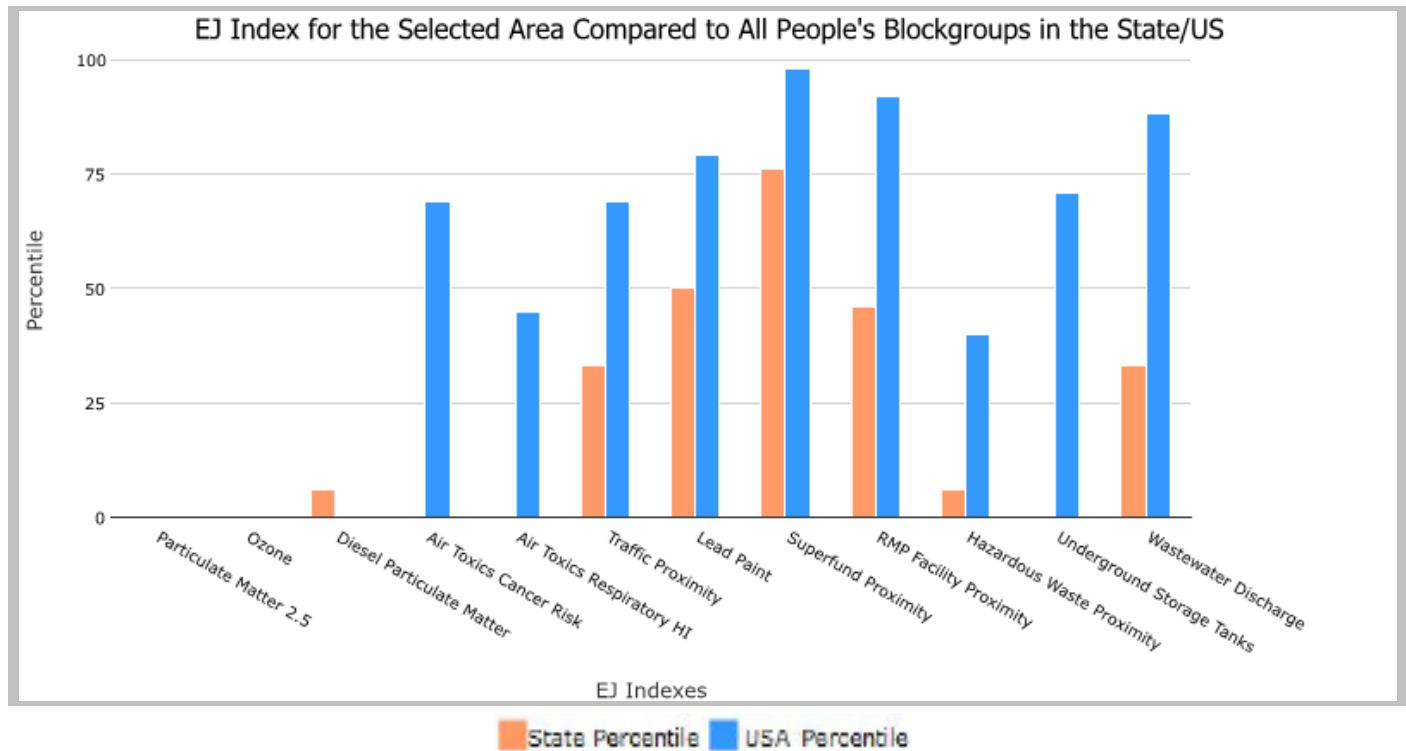
1 mile Ring around the Corridor, PUERTO RICO, EPA Region 2

Approximate Population: 2,847

Input Area (sq. miles): 13.01

PR-10 Corridor

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	N/A	N/A
EJ Index for Ozone	N/A	N/A
EJ Index for Diesel Particulate Matter*	6	0
EJ Index for Air Toxics Cancer Risk*	0	69
EJ Index for Air Toxics Respiratory HI*	0	45
EJ Index for Traffic Proximity	33	69
EJ Index for Lead Paint	50	79
EJ Index for Superfund Proximity	76	98
EJ Index for RMP Facility Proximity	46	92
EJ Index for Hazardous Waste Proximity	6	40
EJ Index for Underground Storage Tanks	0	71
EJ Index for Wastewater Discharge	33	88



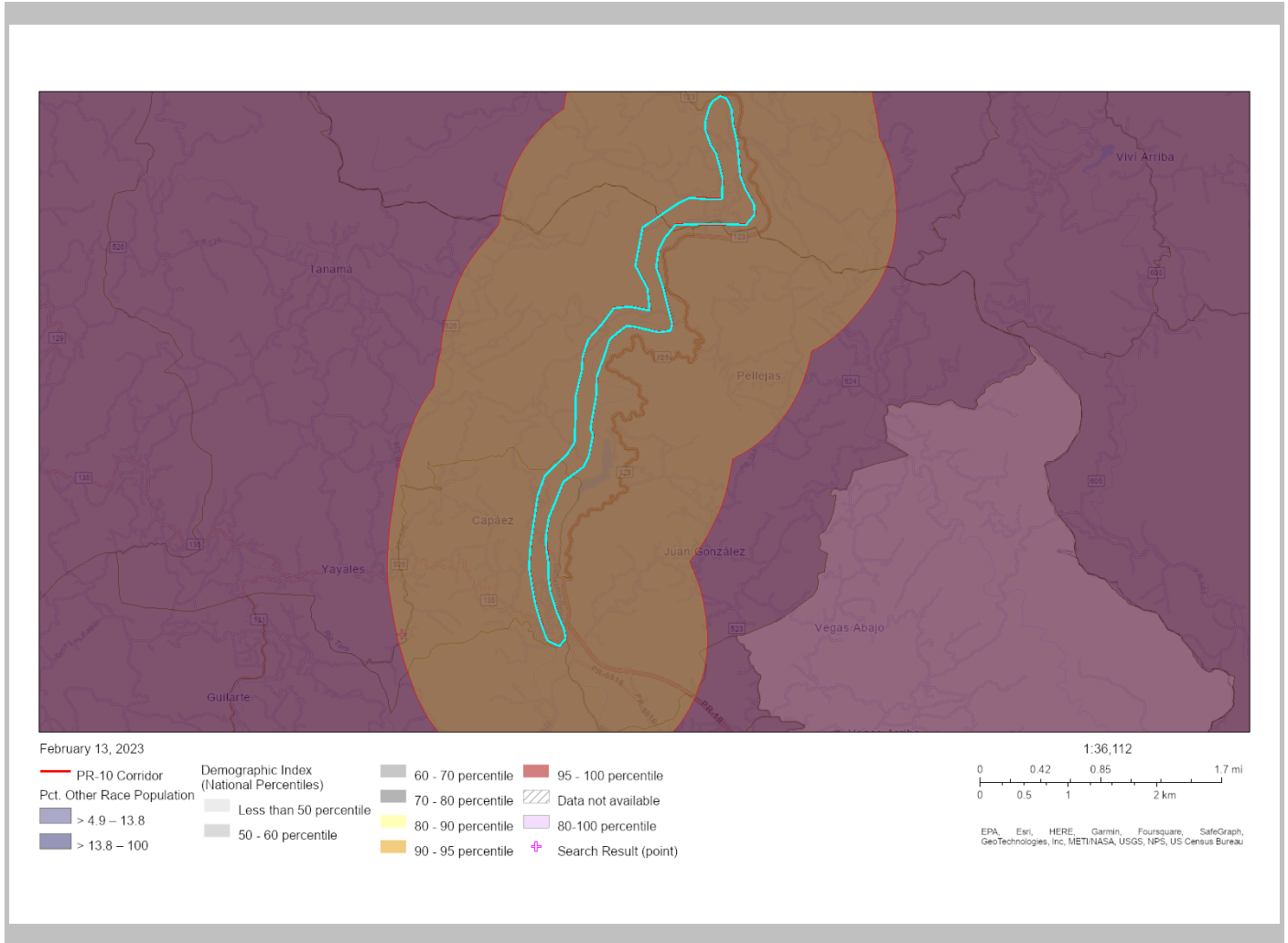
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

1 mile Ring around the Corridor, PUERTO RICO, EPA Region 2

Approximate Population: 2,847

Input Area (sq. miles): 13.01

PR-10 Corridor



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJScreen Report (Version 2.1)

1 mile Ring around the Corridor, PUERTO RICO, EPA Region 2

Approximate Population: 2,847

Input Area (sq. miles): 13.01

PR-10 Corridor

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	N/A	N/A	N/A	8.67	N/A
Ozone (ppb)	N/A	N/A	N/A	42.5	N/A
Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.0132	0.108	5	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	20	23	0	28	<50th
Air Toxics Respiratory HI*	0.2	0.21	0	0.36	<50th
Traffic Proximity (daily traffic count/distance to road)	71	610	33	760	28
Lead Paint (% Pre-1960 Housing)	0.086	0.14	47	0.27	32
Superfund Proximity (site count/km distance)	0.15	0.15	77	0.13	78
RMP Facility Proximity (facility count/km distance)	0.7	0.97	52	0.77	67
Hazardous Waste Proximity (facility count/km distance)	0.05	0.9	5	2.2	9
Underground Storage Tanks (count/km ²)	0.31	1.7	60	3.9	35
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00062	5	34	12	45
Socioeconomic Indicators					
Demographic Index	94%	83%	80	35%	99
People of Color	100%	99%	32	40%	97
Low Income	88%	72%	78	30%	98
Unemployment Rate	38%	15%	92	5%	99
Limited English Speaking Households	80%	68%	75	5%	99
Less Than High School Education	29%	22%	71	12%	90
Under Age 5	3%	4%	50	6%	32
Over Age 64	18%	20%	35	16%	59

*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>.

For additional information, see: www.epa.gov/environmentaljustice

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.