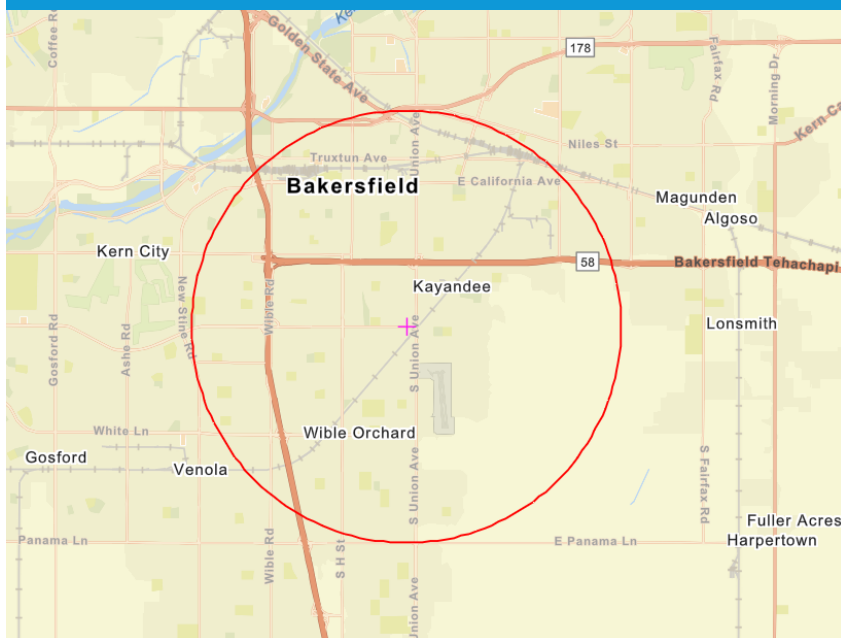# EJScreen Community Report

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

EPA

Bakersfield, CA

3 mile Ring Centered at 35.339490,-119.005399
Population: 131,204
Area in square miles: 28.27

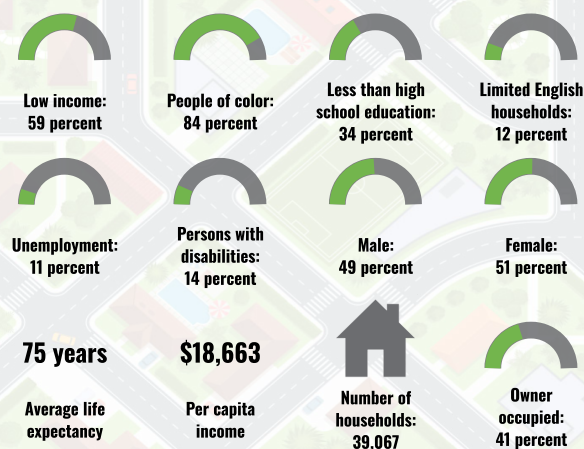of Bakersfield, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc,
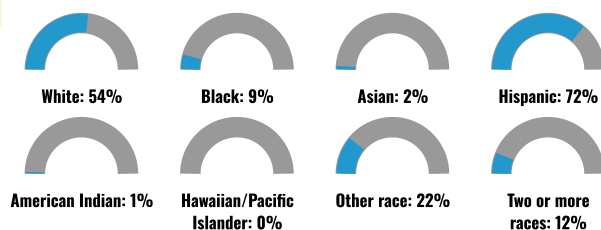/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

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COMMUNITY INFORMATION

Low income: 59 percent	People of color: 84 percent	Less than high school education: 34 percent	Limited English households: 12 percent
Unemployment: 11 percent	Persons with disabilities: 14 percent	Male: 49 percent	Female: 51 percent
75 years — Average life expectancy	$18,663 — Per capita income	Number of households: 39,067	Owner occupied: 41 percent

BREAKDOWN BY RACE

White: 54%	Black: 9%	Asian: 2%	Hispanic: 72%
American Indian: 1%	Hawaiian/Pacific Islander: 0%	Other race: 22%	Two or more races: 12%

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	45%
Spanish	53%
Other Indo-European	1%
Total Non-English	55%

BREAKDOWN BY AGE

From Ages 1 to 4	8%
From Ages 1 to 18	30%
From Ages 18 and up	70%
From Ages 65 and up	10%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	91%
Speak Other Indo-European Languages	5%
Speak Asian-Pacific Island Languages	3%
Speak Other Languages	1%

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.
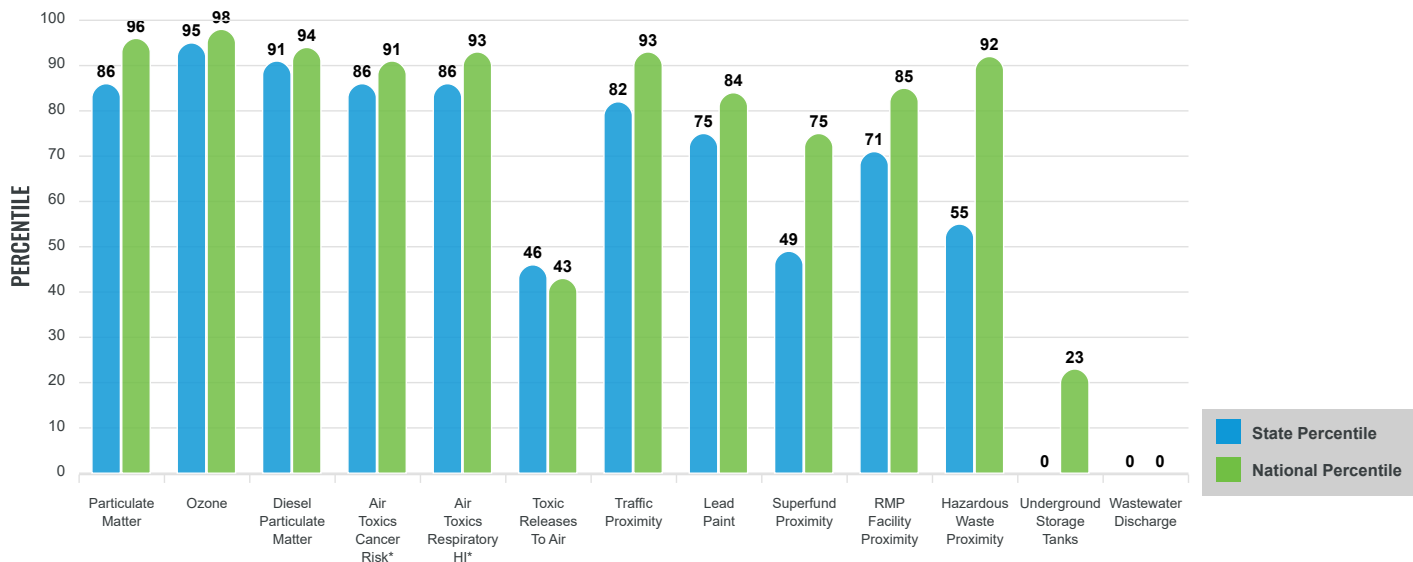
www.epa.gov/ejscreen

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.
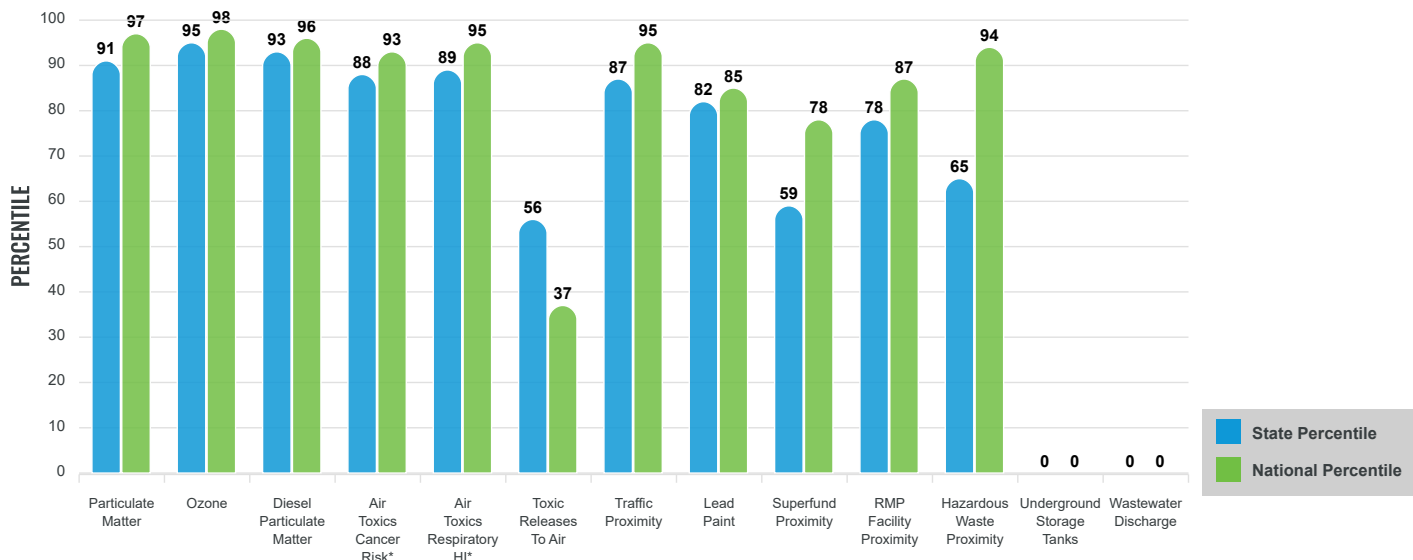
EJ INDEXES FOR THE SELECTED LOCATION

	Particulate Matter	Ozone	Diesel Particulate Matter	Air Toxics Cancer Risk*	Air Toxics Respiratory HI*	Toxic Releases To Air	Traffic Proximity	Lead Paint	Superfund Proximity	RMP Facility Proximity	Hazardous Waste Proximity	Underground Storage Tanks	Wastewater Discharge
State Percentile	86	95	91	86	86	46	82	75	49	71	55	0	0
National Percentile	96	98	94	91	93	43	93	84	75	85	92	23	0

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

	Particulate Matter	Ozone	Diesel Particulate Matter	Air Toxics Cancer Risk*	Air Toxics Respiratory HI*	Toxic Releases To Air	Traffic Proximity	Lead Paint	Superfund Proximity	RMP Facility Proximity	Hazardous Waste Proximity	Underground Storage Tanks	Wastewater Discharge
State Percentile	91	95	93	88	89	56	87	82	59	78	65	0	0
National Percentile	97	98	96	93	95	37	95	85	78	87	94	0	0

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

Report for 3 mile Ring Centered at 35.339490,-119.005399

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu g/m^3$)	10.1	8.65	72	8.08	92
Ozone (ppb)	76.9	65.9	85	61.6	98
Diesel Particulate Matter ($\mu g/m^3$)	0.411	0.26	84	0.261	84
Air Toxics Cancer Risk* (lifetime risk per million)	30	27	42	25	52
Air Toxics Respiratory HI*	0.4	0.34	17	0.31	31
Toxic Releases to Air	29	780	25	4,600	14
Traffic Proximity (daily traffic count/distance to road)	460	510	74	210	89
Lead Paint (% Pre-1960 Housing)	0.33	0.31	58	0.3	60
Superfund Proximity (site count/km distance)	0.043	0.17	26	0.13	38
RMP Facility Proximity (facility count/km distance)	0.25	0.57	55	0.43	63
Hazardous Waste Proximity (facility count/km distance)	2.7	5.9	33	1.9	79
Underground Storage Tanks (count/km^2)	0.046	1.5	74	3.9	25
Wastewater Discharge (toxicity-weighted concentration/m distance)	2.6E-09	4	0	22	1
SOCIOECONOMIC INDICATORS					
Demographic Index	72%	45%	89	35%	91
Supplemental Demographic Index	28%	15%	90	14%	93
People of Color	84%	61%	72	39%	85
Low Income	59%	28%	90	31%	88
Unemployment Rate	11%	7%	83	6%	85
Limited English Speaking Households	12%	9%	72	5%	87
Less Than High School Education	34%	16%	86	12%	94
Under Age 5	8%	6%	78	6%	78
Over Age 64	10%	16%	31	17%	25
Low Life Expectancy	23%	18%	93	20%	80

*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 46
Air Pollution 12
Brownfields 10
Toxic Release Inventory 9

Other community features within defined area:

Schools 41
Hospitals 1
Places of Worship 97

Other environmental data:

Air Non-attainment . . . . Yes
Impaired Waters . . . . No

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	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	23%	18%	93	20%	80
Heart Disease	6.4	5.2	82	6.1	56
Asthma	11.5	9.5	92	10	85
Cancer	4.2	5.3	29	6.1	14
Persons with Disabilities	12.7%	10.9%	71	13.4%	51

CLIMATE INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	0%	13%	18	12%	12
Wildfire Risk	33%	30%	67	14%	84

CRITICAL SERVICE GAPS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	17%	10%	80	14%	67
Lack of Health Insurance	11%	7%	81	9%	73
Housing Burden	Yes	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Footnotes

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