



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Environmental Justice (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/environmental-justice>

HUD strongly encourages starting the Environmental Justice analysis only after all other laws and authorities, including Environmental Assessment factors if necessary, have been completed.

1. Were any adverse environmental impacts identified in any other compliance review portion of this project’s total environmental review?

Yes → *Continue to Question 2.*

No → *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

2. Were these adverse environmental impacts disproportionately high for low-income and/or minority communities?

Yes

Explain:

[Click here to enter text.](#)

→ *The RE/HUD must work with the affected low-income or minority community to decide what mitigation actions, if any, will be taken. Provide any supporting documentation.*

No

Explain: Environmental justice indicators are generally the same at ¼, ½ and 1-mile radii (low, which is good). The Demographic Index for each radii was essentially the same in the surrounding area. A summary of the environmental justice indicators is shown in a table below, and the EPA EJ Screen worksheets are attached.

[Click here to enter text.](#)

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The proposed project is to develop 65 apartments for low to moderate income households, in an unincorporated area called Diamond Springs. The rural project site is about 4 miles southwest of Placerville, which has grocery stores, banks, shops, restaurants and other urban conveniences. A transit line serves the project area.

The US EPA EJScreen is an on-line tool that evaluates a wide range of environmental and social factors. Environmental factors focus on air pollution, underground tanks and hazardous material sites, and building concerns such as lead paint. Social factors include income, skin color, language, education, and age (very young and seniors). The purpose of the tool is to identify communities that are subjected to high levels of pollution and prevent or mitigate development that may worsen health or economic outcomes. The evaluation examines if the project site is similar or dissimilar to adjacent areas.

Major air pollution sources include regional traffic, trains, and wildfires in the surrounding mountains. Regional ozone and PM2.5 are of concern over the entire western slope of the Sierra Nevada range. This evaluation considers if people residing at this location would be unduly affected by pollution compared to housing at another site in the area. Therefore, the EJ Screen tool compared this site to other housing site opportunities within a one-mile radius.

EJScreen model runs are typically performed for the project site and then at increasing distances in concentric circles. This allows for comparison between the project site and nearby areas. The V2.2 EJ Screen model used for this analysis was updated in January, 2024. V2.2 data presentation was clarified and made more attractive. The model now considers five factors (two previously) to calculate a “Demographic Index”(DI). The DI factors considered are percent low-income, percent limited English-speaking, percent less than high school education, percent unemployed, and low life expectancy. The calculation for the Supplemental index and EJ score is: EJ & Supplemental Index = Environmental Indicator Percentile for Block Group X Demographic Index for Block Group. (Source: <https://www.epa.gov/ejscreen/ejscreen-change-log> accessed 9/14/2023.)

The DI is calculated for a circle with the project as the center point. The values are expressed as a percentile of the state average for each distance. The changes in the DI as one makes a larger circle may occur because a wider variety of people are captured from the census data. For this site, all three circles are well below the DI concern level of 75%. This is an indicator that people living near the project will not be harmed disproportionately compared to those living farther away.

EPA recommends considering pollution scores for various metrics that are over the 80th state percentile. The entire area has no metrics over the 80th percentile. However, each model run shows that the risk from wildfire smoke is above the 90th percentile, whereas the state average is 30%. The entire Diamond Springs/Placerville community shares this smoke risk.

Circle size (miles)	Population	Demographic Index
0.25	253	24%
0.5	1,333	25%
1.0	4,135	33%

Through this evaluation, El Dorado County sees no disproportionate impact to those residing near the project from those farther away.



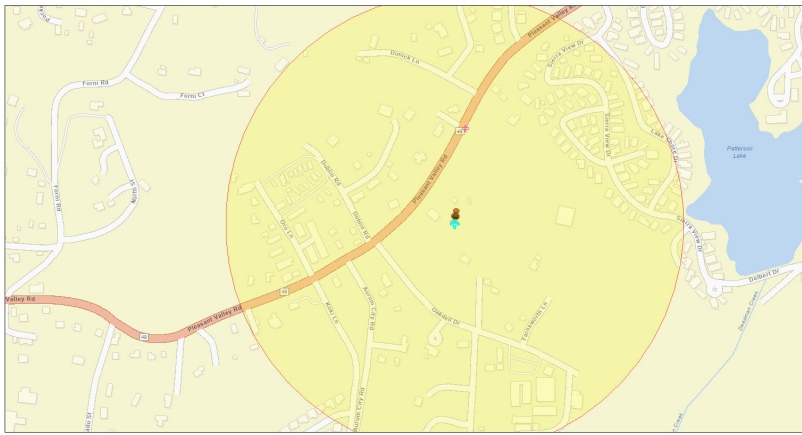
EJScreen Community Report

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

Diamond Springs, CA

.25 miles Ring Centered at 38.683280,-120.836514
 Population: 253
 Area in square miles: 0.20

A3 Landscape



March 16, 2024
 6500 Pleasant Valley Rd El Dorado CA
 Search Result (point)
 14,514
 0 0.04 0.09 0.17 mi
 0 0.05 0.1 0.2 km
EJScreen Community Map Contributors: California State Parks, @ GeoCaching, Microsoft, Esri, TomTom, Garmin, @OpenStreetMap, GeoTechniques, Inc. METRACAL, USGS, Bureau of Land Management, EPA, @EPA, US Census Bureau, USDA, USFWS

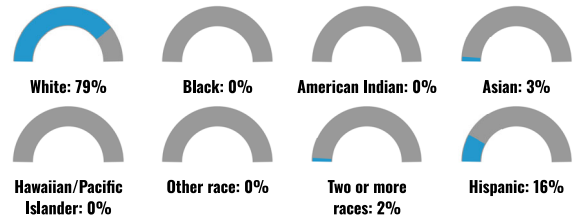
LANGUAGES SPOKEN AT HOME

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) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

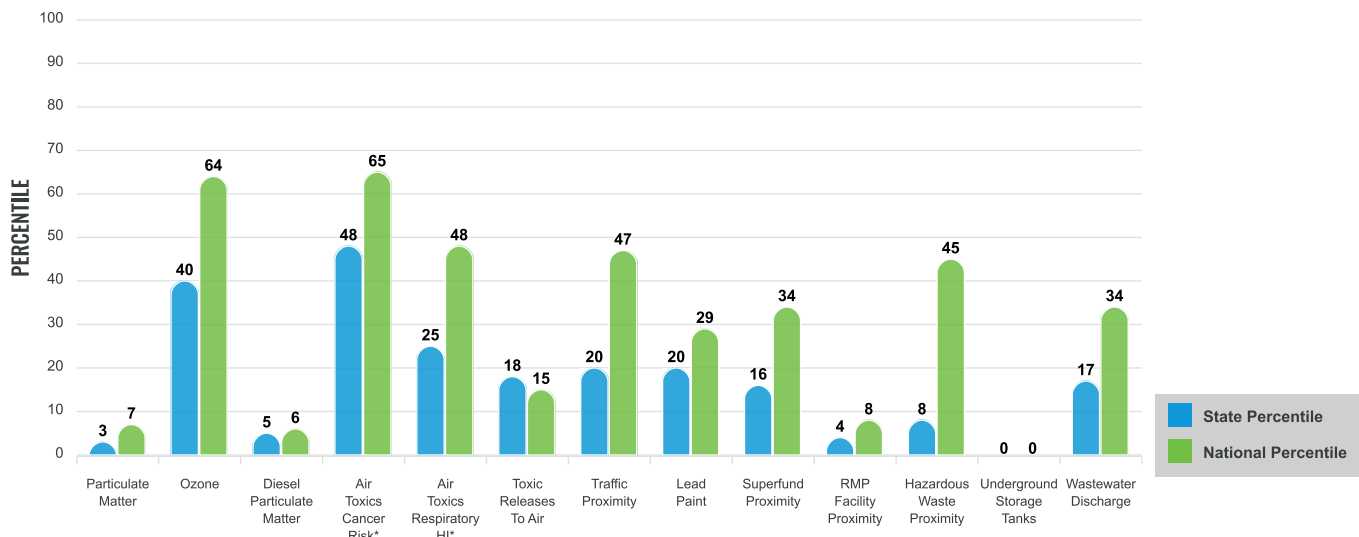
Environmental Justice & Supplemental Indexes

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.

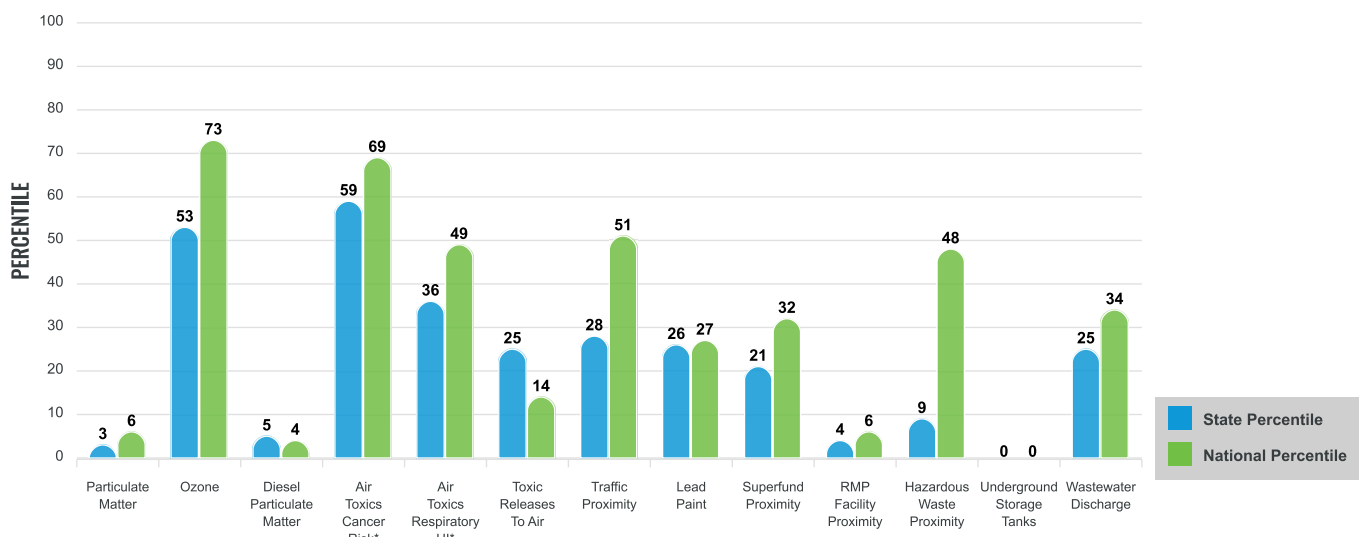
EJ INDEXES FOR THE SELECTED LOCATION



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.

Report for .25 miles Ring Centered at 38.683280,-120.836514

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)	5.33	8.65	3	8.08	4
Ozone (ppb)	65.9	65.9	57	61.6	80
Diesel Particulate Matter (µg/m ³)	0.0512	0.26	4	0.261	4
Air Toxics Cancer Risk* (lifetime risk per million)	30	27	42	25	52
Air Toxics Respiratory HI*	0.3	0.34	17	0.31	31
Toxic Releases to Air	22	780	21	4,600	12
Traffic Proximity (daily traffic count/distance to road)	82	510	27	210	51
Lead Paint (% Pre-1960 Housing)	0.14	0.31	41	0.3	41
Superfund Proximity (site count/km distance)	0.031	0.17	18	0.13	28
RMP Facility Proximity (facility count/km distance)	0.036	0.57	3	0.43	5
Hazardous Waste Proximity (facility count/km distance)	0.34	5.9	8	1.9	44
Underground Storage Tanks (count/km ²)	0	1.5	0	3.9	0
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00011	4	22	22	31
SOCIOECONOMIC INDICATORS					
Demographic Index	24%	45%	18	35%	40
Supplemental Demographic Index	12%	15%	42	14%	44
People of Color	21%	61%	9	39%	39
Low Income	27%	28%	55	31%	50
Unemployment Rate	5%	7%	50	6%	59
Limited English Speaking Households	0%	9%	0	5%	0
Less Than High School Education	5%	16%	33	12%	38
Under Age 5	3%	6%	28	6%	30
Over Age 64	27%	16%	88	17%	85
Low Life Expectancy	20%	18%	72	20%	52

*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	0
Water Dischargers	0
Air Pollution	0
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	1
Hospitals	0
Places of Worship	0

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	No
Selected location contains an EPA IRA disadvantaged community	No

Report for .25 miles Ring Centered at 38.683280,-120.836514

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	20%	18%	72	20%	52
Heart Disease	7.5	5.2	93	6.1	77
Asthma	10.2	9.5	71	10	61
Cancer	8.5	5.3	94	6.1	92
Persons with Disabilities	14.6%	10.9%	81	13.4%	63

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	4%	13%	41	12%	35
Wildfire Risk	97%	30%	81	14%	93

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	12%	10%	69	14%	54
Lack of Health Insurance	3%	7%	21	9%	17
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for .25 miles Ring Centered at 38.683280,-120.836514



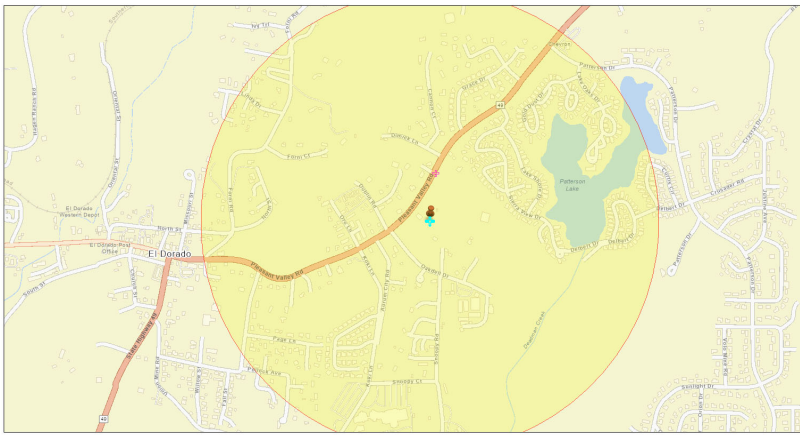
EJScreen Community Report

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

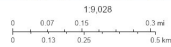
Diamond Springs, CA

.5 miles Ring Centered at 38.683280,-120.836514
 Population: 1,333
 Area in square miles: 0.79

A3 Landscape



March 16, 2024
 6500 Pleasant Valley Rd El Dorado CA
 Search Result (point)



EPA Community Map Contributors: California State Parks, @ GeoCredentia, Microsoft, Esri, TomTom, Garmin, Garmin, GeoTechnologies, Inc. METRACAL, USGS, Bureau of Land Management, EPA, EPA, US Census Bureau, USDA, USFWS

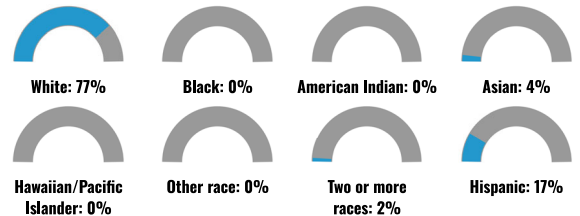
COMMUNITY INFORMATION



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
No language data available.	

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) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

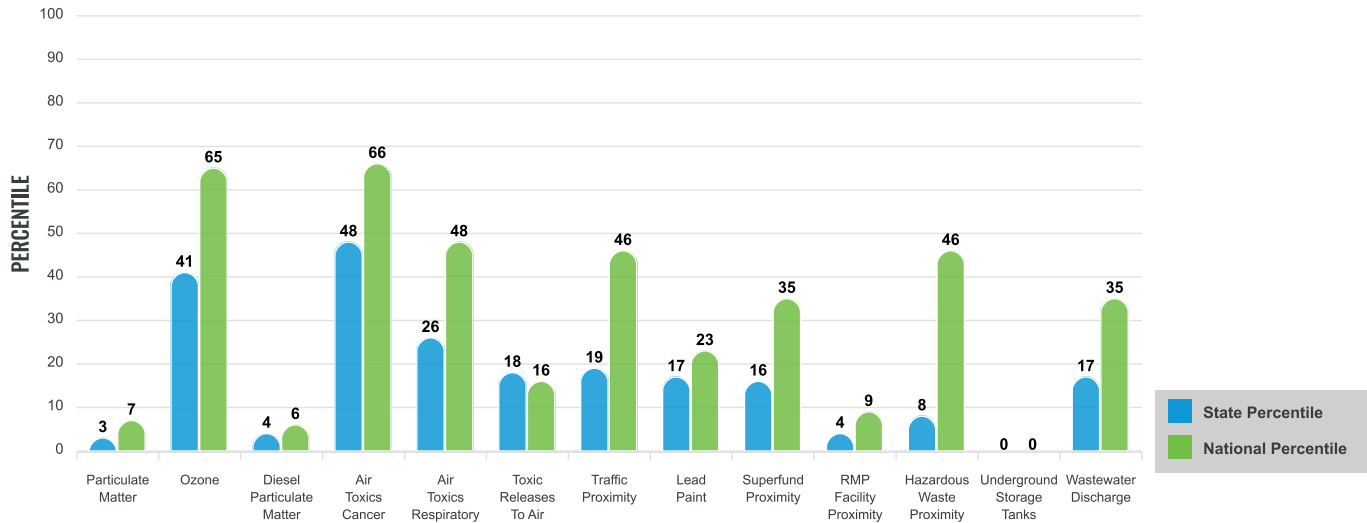
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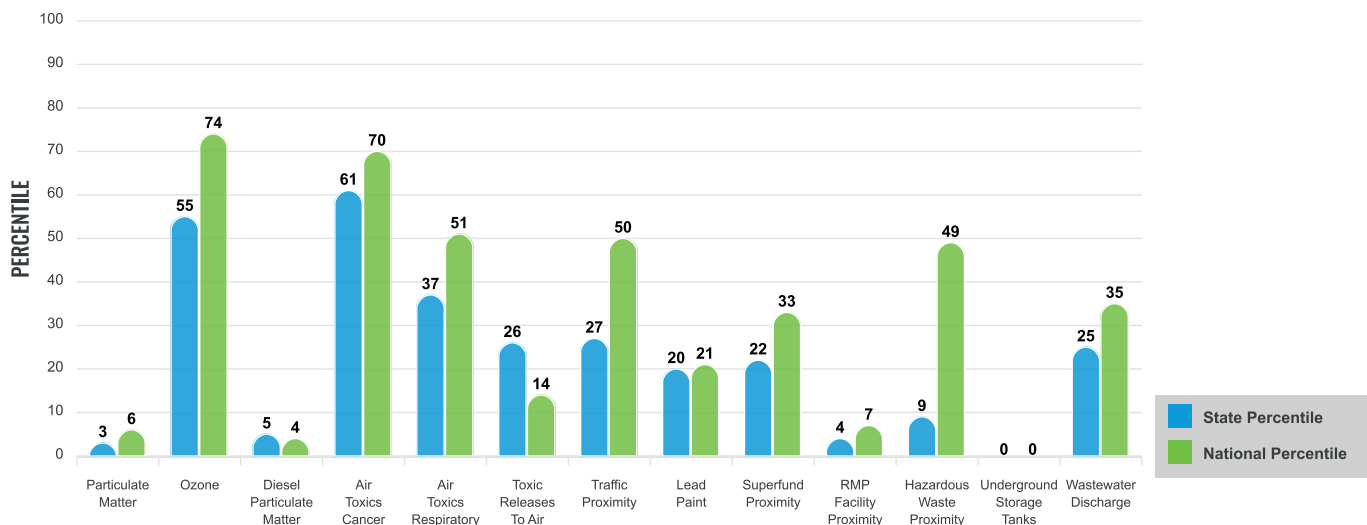
EJ INDEXES FOR THE SELECTED LOCATION



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 .5 miles Ring Centered at 38.683280,-120.836514

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)	5.3	8.65	3	8.08	4
Ozone (ppb)	65.8	65.9	56	61.6	79
Diesel Particulate Matter (µg/m ³)	0.049	0.26	4	0.261	4
Air Toxics Cancer Risk* (lifetime risk per million)	30	27	42	25	52
Air Toxics Respiratory HI*	0.3	0.34	17	0.31	31
Toxic Releases to Air	23	780	21	4,600	12
Traffic Proximity (daily traffic count/distance to road)	72	510	25	210	48
Lead Paint (% Pre-1960 Housing)	0.095	0.31	35	0.3	34
Superfund Proximity (site count/km distance)	0.031	0.17	18	0.13	28
RMP Facility Proximity (facility count/km distance)	0.036	0.57	3	0.43	6
Hazardous Waste Proximity (facility count/km distance)	0.32	5.9	8	1.9	43
Underground Storage Tanks (count/km ²)	0	1.5	0	3.9	0
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0001	4	22	22	30
SOCIOECONOMIC INDICATORS					
Demographic Index	25%	45%	19	35%	42
Supplemental Demographic Index	12%	15%	44	14%	46
People of Color	23%	61%	10	39%	41
Low Income	27%	28%	55	31%	50
Unemployment Rate	7%	7%	63	6%	70
Limited English Speaking Households	0%	9%	0	5%	0
Less Than High School Education	6%	16%	35	12%	41
Under Age 5	3%	6%	28	6%	31
Over Age 64	31%	16%	92	17%	90
Low Life Expectancy	19%	18%	70	20%	50

*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	0
Water Dischargers	1
Air Pollution	0
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	3
Hospitals	0
Places of Worship	0

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	No
Selected location contains an EPA IRA disadvantaged community	No

Report for .5 miles Ring Centered at 38.683280,-120.836514

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	19%	18%	70	20%	50
Heart Disease	7.4	5.2	92	6.1	76
Asthma	10.2	9.5	71	10	61
Cancer	8.4	5.3	94	6.1	92
Persons with Disabilities	14.8%	10.9%	82	13.4%	64

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	4%	13%	42	12%	36
Wildfire Risk	96%	30%	80	14%	93

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	14%	10%	73	14%	59
Lack of Health Insurance	3%	7%	27	9%	22
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for .5 miles Ring Centered at 38.683280,-120.836514



EJScreen Community Report

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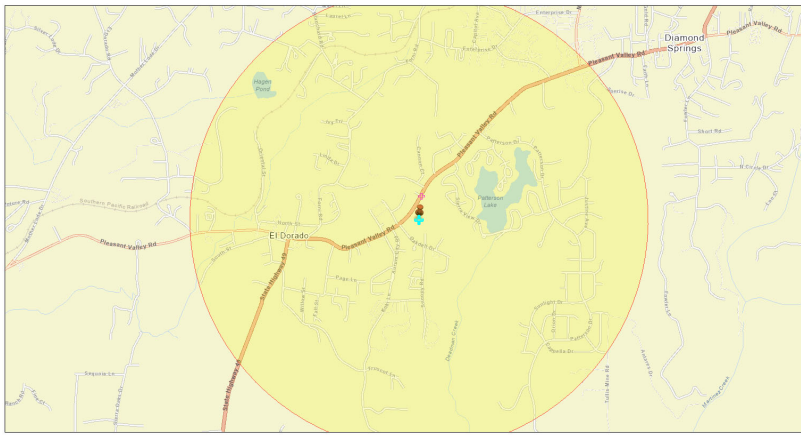
Diamond Springs, CA

1 mile Ring Centered at 38.683280,-120.836514

Population: 4,135

Area in square miles: 3.14

A3 Landscape



March 16, 2024
6500 Pleasant Valley Rd El Dorado CA
Search Result (point)

1:18,056
0 0.17 0.35 0.7 mi
0 0.28 0.55 1.1 km
EPA Community Map Contributors: California State Parks, Esri, Garmin, GeoEye, GeoEye/Airphoto.com, IGN, Intermap, Inc., Mapbox, USDA, Bureau of Land Management, EPA, Esri, US Census Bureau, USDA, USFWS

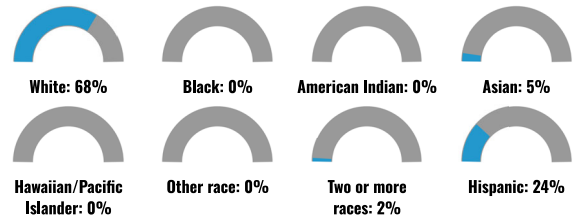
COMMUNITY INFORMATION



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	89%
Spanish	7%
French, Haitian, or Cajun	1%
Other Indo-European	1%
Korean	1%
Total Non-English	11%

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) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

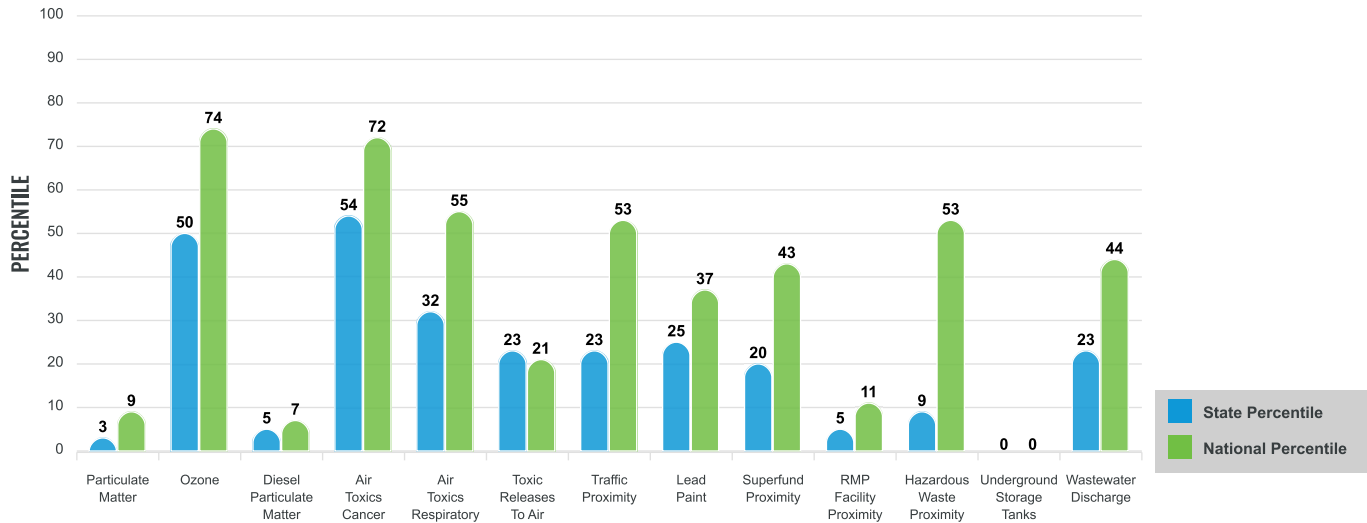
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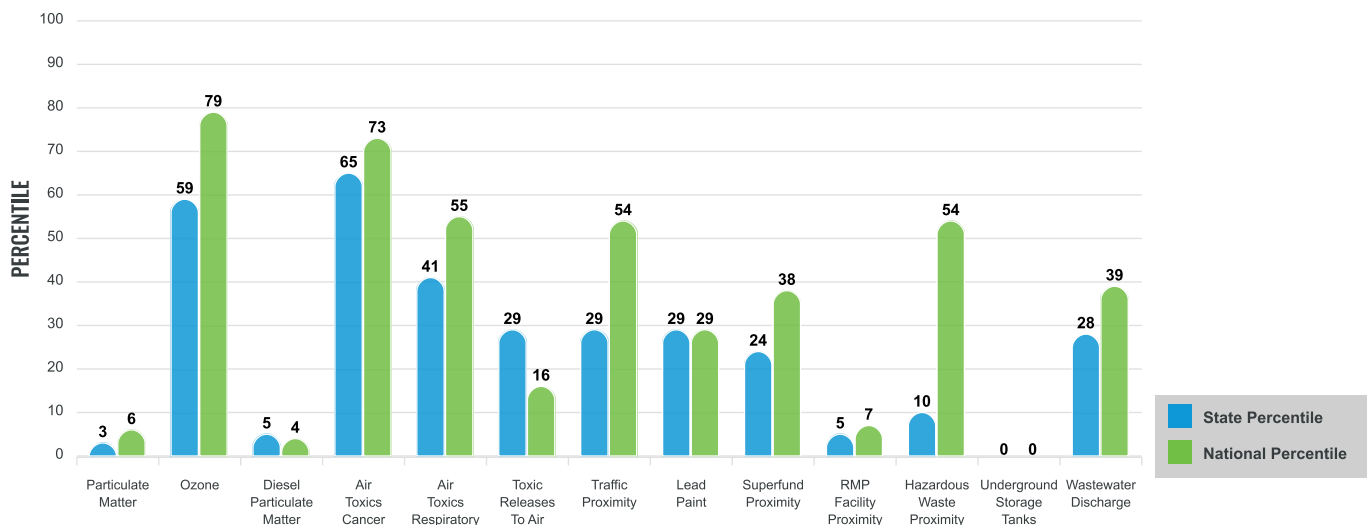
EJ INDEXES FOR THE SELECTED LOCATION



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 1 mile Ring Centered at 38.683280,-120.836514

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)	5.28	8.65	3	8.08	4
Ozone (ppb)	65.8	65.9	56	61.6	79
Diesel Particulate Matter (µg/m ³)	0.0474	0.26	4	0.261	3
Air Toxics Cancer Risk* (lifetime risk per million)	30	27	3	25	5
Air Toxics Respiratory HI*	0.3	0.34	17	0.31	31
Toxic Releases to Air	23	780	21	4,600	12
Traffic Proximity (daily traffic count/distance to road)	66	510	23	210	46
Lead Paint (% Pre-1960 Housing)	0.099	0.31	35	0.3	35
Superfund Proximity (site count/km distance)	0.03	0.17	17	0.13	28
RMP Facility Proximity (facility count/km distance)	0.035	0.57	3	0.43	5
Hazardous Waste Proximity (facility count/km distance)	0.31	5.9	8	1.9	43
Underground Storage Tanks (count/km ²)	0.024	1.5	0	3.9	23
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0027	4	43	22	57
SOCIOECONOMIC INDICATORS					
Demographic Index	33%	45%	33	35%	56
Supplemental Demographic Index	14%	15%	52	14%	55
People of Color	32%	61%	18	39%	51
Low Income	34%	28%	66	31%	62
Unemployment Rate	7%	7%	60	6%	68
Limited English Speaking Households	1%	9%	31	5%	60
Less Than High School Education	6%	16%	36	12%	42
Under Age 5	6%	6%	58	6%	60
Over Age 64	24%	16%	83	17%	79
Low Life Expectancy	19%	18%	68	20%	48

*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	0
Water Dischargers	2
Air Pollution	0
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	3
Hospitals	0
Places of Worship	0

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	No
Selected location contains an EPA IRA disadvantaged community	No

Report for 1 mile Ring Centered at 38.683280,-120.836514

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	19%	18%	68	20%	48
Heart Disease	7.3	5.2	92	6.1	74
Asthma	10.2	9.5	68	10	58
Cancer	8.3	5.3	94	6.1	92
Persons with Disabilities	14.9%	10.9%	83	13.4%	64

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	4%	13%	42	12%	35
Wildfire Risk	97%	30%	81	14%	93

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	11%	10%	66	14%	51
Lack of Health Insurance	4%	7%	30	9%	25
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for 1 mile Ring Centered at 38.683280,-120.836514