APPENDIX D

Environmental Justice Reports

Geostock Sandia

EJScreen Report (Version 2.1)

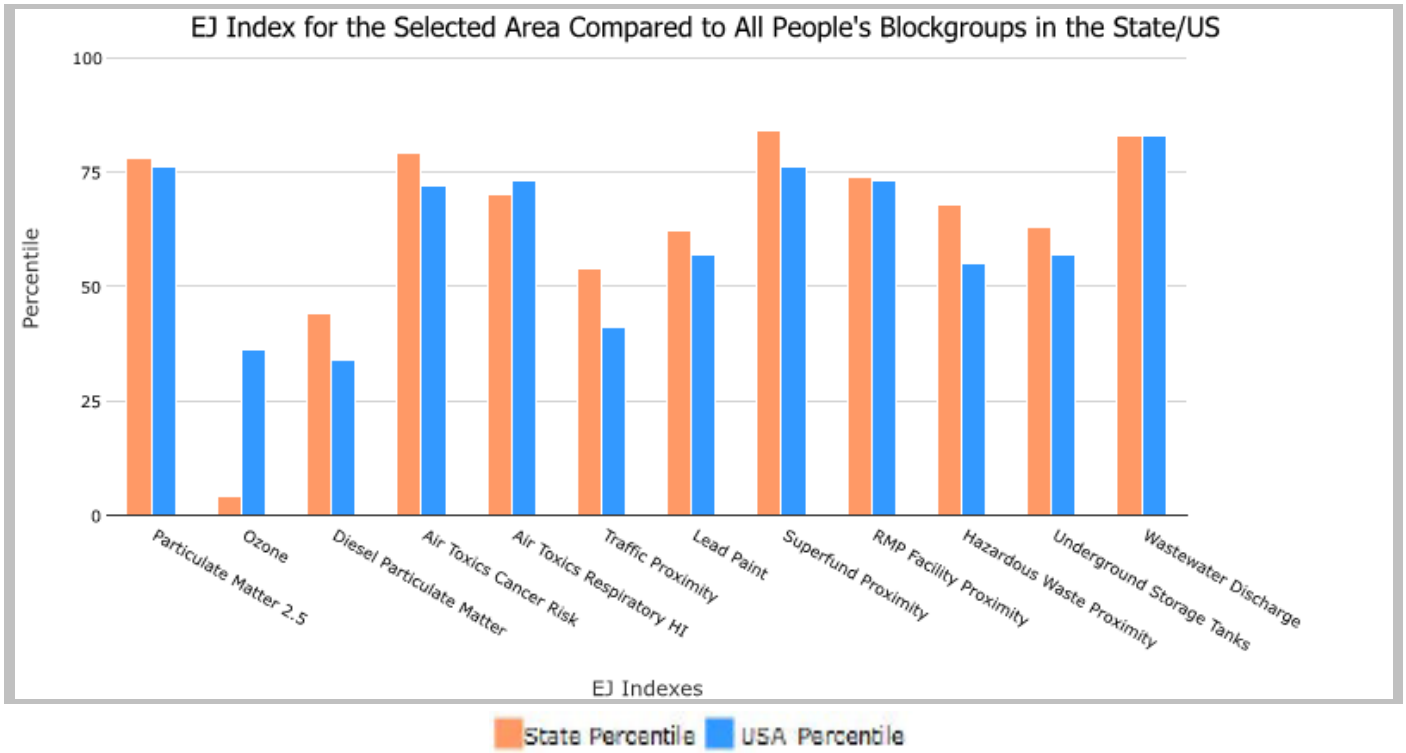
the User Specified Area, ARKANSAS, EPA Region 6

Approximate Population: 2,875

Input Area (sq. miles): 13.53

LAPIS 10 FEBRUARY 2023

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	78	76
EJ Index for Ozone	4	36
EJ Index for Diesel Particulate Matter*	44	34
EJ Index for Air Toxics Cancer Risk*	79	72
EJ Index for Air Toxics Respiratory HI*	70	73
EJ Index for Traffic Proximity	54	41
EJ Index for Lead Paint	62	57
EJ Index for Superfund Proximity	84	76
EJ Index for RMP Facility Proximity	74	73
EJ Index for Hazardous Waste Proximity	68	55
EJ Index for Underground Storage Tanks	63	57
EJ Index for Wastewater Discharge	83	83



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.

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the User Specified Area, ARKANSAS, EPA Region 6

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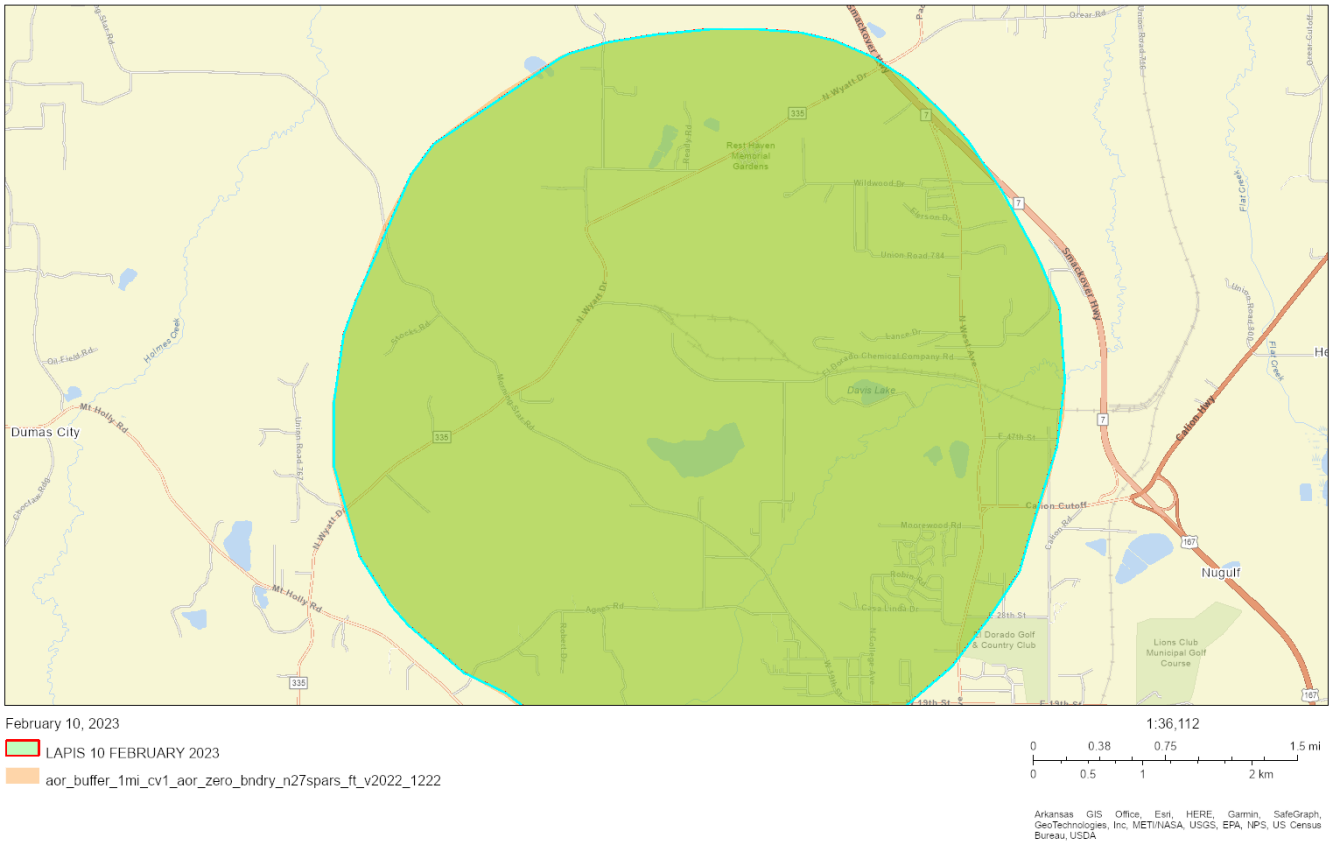
LAPIS 10 FEBRUARY 2023



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	1

EJScreen Report (Version 2.1)

the User Specified Area, ARKANSAS, EPA Region 6

Approximate Population: 2,875

Input Area (sq. miles): 13.53

LAPIS 10 FEBRUARY 2023

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 (µg/m^3)	9.76	9.24	84	8.67	81
Ozone (ppb)	38.1	41.2	3	42.5	21
Diesel Particulate Matter* (µg/m^3)	0.112	0.177	30	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	49	35	99	28	95-100th
Air Toxics Respiratory HI*	0.5	0.48	92	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	85	200	53	760	31
Lead Paint (% Pre-1960 Housing)	0.18	0.15	64	0.27	45
Superfund Proximity (site count/km distance)	0.17	0.039	96	0.13	82
RMP Facility Proximity (facility count/km distance)	1.2	0.63	83	0.77	79
Hazardous Waste Proximity (facility count/km distance)	0.45	0.55	65	2.2	43
Underground Storage Tanks (count/km^2)	0.75	1.1	62	3.9	44
Wastewater Discharge (toxicity-weighted concentration/m distance)	5.3	0.68	99	12	96
Socioeconomic Indicators					
Demographic Index	35%	36%	58	35%	58
People of Color	32%	28%	63	40%	53
Low Income	37%	39%	44	30%	65
Unemployment Rate	5%	5%	60	5%	59
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	15%	13%	64	12%	72
Under Age 5	3%	6%	29	6%	32
Over Age 64	22%	17%	70	16%	74

*Diesel particular 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.

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-miles radius
Description: LAPIS 10 FEBRUARY 2023

Summary of ACS Estimates	2016 - 2020
Population	2,875
Population Density (per sq. mile)	219
People of Color Population	932
% People of Color Population	32%
Households	1,238
Housing Units	1,417
Housing Units Built Before 1950	112
Per Capita Income	33,357
Land Area (sq. miles) (Source: SF1)	13.16
% Land Area	100%
Water Area (sq. miles) (Source: SF1)	0.02
% Water Area	0%

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	2,875	100%	544
Population Reporting One Race	2,775	97%	1,084
White	2,006	70%	454
Black	679	24%	490
American Indian	0	0%	12
Asian	90	3%	104
Pacific Islander	0	0%	12
Some Other Race	0	0%	12
Population Reporting Two or More Races	100	3%	79
Total Hispanic Population	63	2%	118
Total Non-Hispanic Population	2,813		
White Alone	1,943	68%	473
Black Alone	679	24%	490
American Indian Alone	0	0%	12
Non-Hispanic Asian Alone	90	3%	104
Pacific Islander Alone	0	0%	12
Other Race Alone	0	0%	12
Two or More Races Alone	100	3%	79
Population by Sex			
Male	1,281	45%	263
Female	1,594	55%	467
Population by Age			
Age 0-4	91	3%	98
Age 0-17	687	24%	322
Age 18+	2,188	76%	303
Age 65+	641	22%	192

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 .

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-miles radius
Description: LAPIS 10 FEBRUARY 2023

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	1,880	100%	313
Less than 9th Grade	61	3%	82
9th - 12th Grade, No Diploma	227	12%	167
High School Graduate	559	30%	141
Some College, No Degree	347	18%	117
Associate Degree	215	11%	120
Bachelor's Degree or more	472	25%	180
Population Age 5+ Years by Ability to Speak English			
Total	2,784	100%	525
Speak only English	2,639	95%	462
Non-English at Home[1+2+3+4]	145	5%	87
[1]Speak English "very well"	117	4%	87
[2]Speak English "well"	4	0%	33
[3]Speak English "not well"	24	1%	49
[4]Speak English "not at all"	0	0%	12
[3+4]Speak English "less than well"	24	1%	49
[2+3+4]Speak English "less than very well"	28	1%	50
Linguistically Isolated Households*			
Total	0	0%	12
Speak Spanish	0	0%	12
Speak Other Indo-European Languages	0	0%	12
Speak Asian-Pacific Island Languages	0	0%	12
Speak Other Languages	0	0%	12
Households by Household Income			
Household Income Base	1,238	100%	174
< $15,000	209	17%	108
$15,000 - $25,000	85	7%	58
$25,000 - $50,000	417	34%	146
$50,000 - $75,000	159	13%	104
$75,000 +	368	30%	120
Occupied Housing Units by Tenure			
Total	1,238	100%	174
Owner Occupied	815	66%	172
Renter Occupied	423	34%	143
Employed Population Age 16+ Years			
Total	2,210	100%	320
In Labor Force	1,297	59%	276
Civilian Unemployed in Labor Force	65	3%	81
Not In Labor Force	913	41%	250

Data Note: Datail may not sum to totals due to rounding. Hispanic population can be of anyrace.
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.

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-miles radius
Description: LAPIS 10 FEBRUARY 2023

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	3,135	100%	568
English	3,045	97%	575
Spanish	39	1%	176
French, Haitian, or Cajun	0	0%	31
German or other West Germanic	0	0%	12
Russian, Polish, or Other Slavic	0	0%	12
Other Indo-European	4	0%	31
Korean	35	1%	86
Chinese (including Mandarin, Cantonese)	12	0%	104
Vietnamese	0	0%	12
Tagalog (including Filipino)	0	0%	12
Other Asian and Pacific Island	0	0%	12
Arabic	0	0%	12
Other and Unspecified	0	0%	12
Total Non-English	90	3%	808

Data Note: Detail may not sum to totals due to rounding. Hispanic popultion can be of any race.
N/A meansnot 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.

EJSCREEN Census 2010 Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-miles radius
Description: LAPIS 10 FEBRUARY 2023

Summary	Census 2010
Population	3,017
Population Density (per sq. mile)	227
People of Color Population	1,092
% People of Color Population	36%
Households	1,285
Housing Units	1,426
Land Area (sq. miles)	13.27
% Land Area	100%
Water Area (sq. miles)	0.02
% Water Area	0%

Population by Race	Number	Percent
Total	3,017	-------
Population Reporting One Race	2,960	98%
White	1,984	66%
Black	823	27%
American Indian	8	0%
Asian	74	2%
Pacific Islander	0	0%
Some Other Race	71	2%
Population Reporting Two or More Races	57	2%
Total Hispanic Population	141	5%
Total Non-Hispanic Population	2,876	95%
White Alone	1,925	64%
Black Alone	822	27%
American Indian Alone	6	0%
Non-Hispanic Asian Alone	74	2%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	49	2%

Population by Sex	Number	Percent
Male	1,473	49%
Female	1,544	51%

Population by Age	Number	Percent
Age 0-4	200	7%
Age 0-17	691	23%
Age 18+	2,326	77%
Age 65+	508	17%

Households by Tenure	Number	Percent
Total	1,285	
Owner Occupied	837	65%
Renter Occupied	448	35%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, Census 2010 Summary File 1.