

EJScreen Community Report

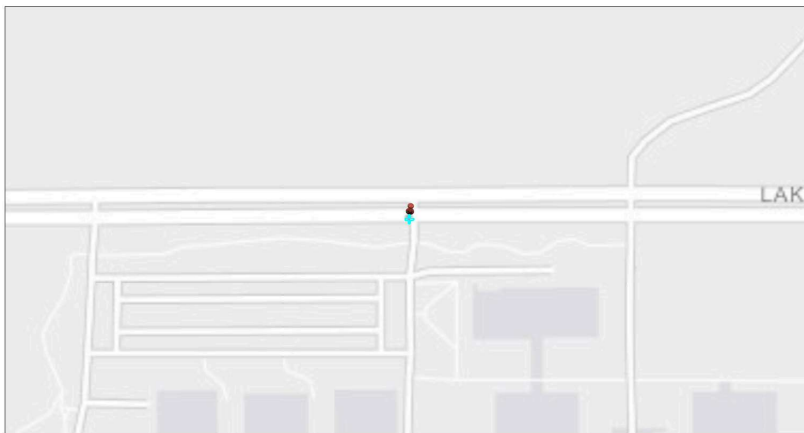
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Hoffman Estates, IL

1 mile Ring Centered at 42.074238,-88.131054

Population: 2,227

Area in square miles: 3.14



November 22, 2024

Project 1
Search Result (point)

1:2,257
0 0.02 0.04 0.08 mi
0 0.03 0.07 0.13 km

Env. HEI, Garmin, US OpenStreetMap contributors, and the GIS user community. Env. HEI, Garmin, GeoTechnologies Inc., USGS, Esri.

COMMUNITY INFORMATION



Low income:
10 percent



People of color:
66 percent



Less than high school education:
6 percent



Limited English households:
3 percent



Unemployment:
3 percent



Persons with disabilities:
11 percent



Male:
52 percent



Female:
48 percent

78 years

Average life expectancy

\$47,712

Per capita income



Number of households:
909

48 percent

Owner occupied:
48 percent

BREAKDOWN BY RACE



White: 34%



Black: 7%



American Indian: 0%



Asian: 27%



Hawaiian/Pacific Islander: 0%



Other race: 0%



Two or more races: 3%



Hispanic: 29%

BREAKDOWN BY AGE



From Ages 1 to 4

7%



From Ages 1 to 18

22%



From Ages 18 and up

78%



From Ages 65 and up

7%

LIMITED ENGLISH SPEAKING BREAKDOWN



Speak Spanish

10%



Speak Other Indo-European Languages

28%



Speak Asian-Pacific Island Languages

62%



Speak Other Languages

0%

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	53%
Spanish	12%
Russian, Polish, or Other Slavic	4%
Other Indo-European	14%
Korean	3%
Chinese (including Mandarin, Cantonese)	2%
Tagalog (including Filipino)	4%
Other Asian and Pacific Island	4%
Arabic	1%
Other and Unspecified	1%
Total Non-English	47%

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.

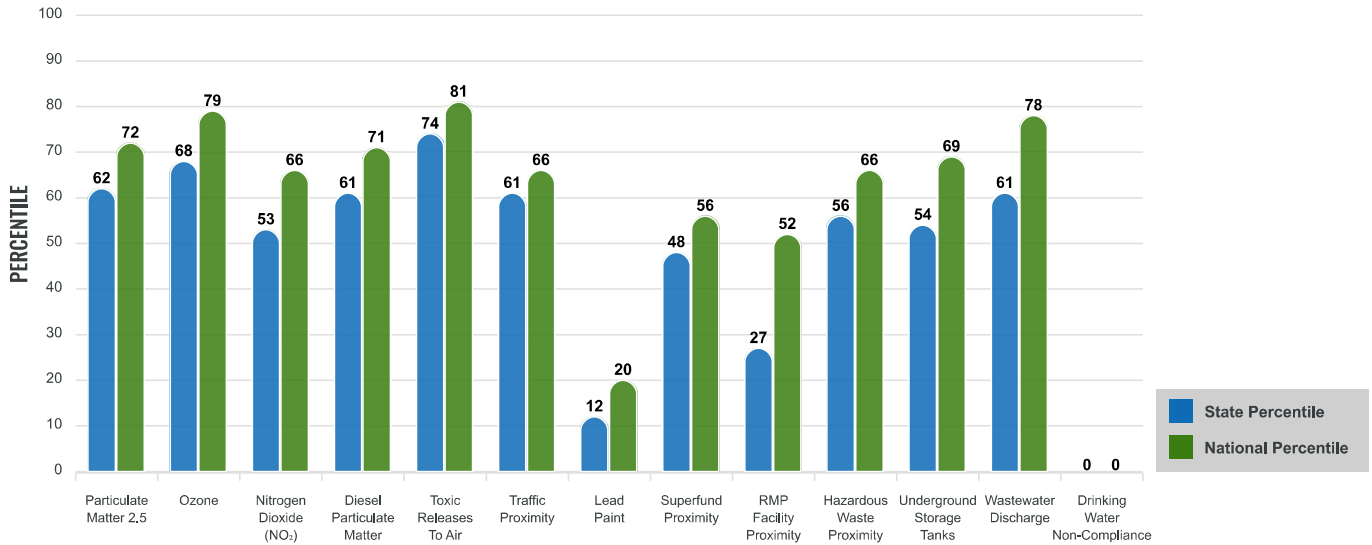
Environmental Justice & Supplemental Indexes

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.

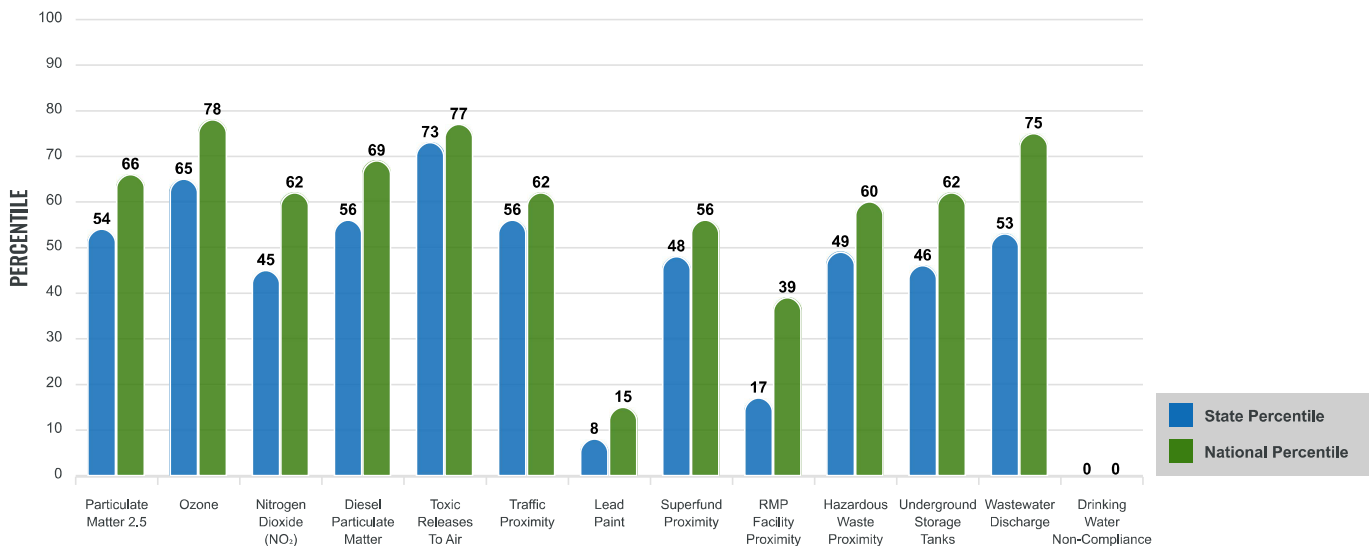
EJ INDEXES FOR THE SELECTED LOCATION



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 1 mile Ring Centered at 42.074238,-88.131054

Report produced November 22, 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 ($\mu\text{g}/\text{m}^3$)	9.02	8.96	51	8.45	75
Ozone (ppb)	72.7	69.3	64	61.8	90
Nitrogen Dioxide (NO ₂) (ppbv)	9.2	10	42	7.8	66
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	0.244	0.245	54	0.191	75
Toxic Releases to Air (toxicity-weighted concentration)	10,000	6,000	88	4,600	93
Traffic Proximity (daily traffic count/distance to road)	1,500,000	2,000,000	57	1,700,000	65
Lead Paint (% Pre-1960 Housing)	0.031	0.43	10	0.3	22
Superfund Proximity (site count/km distance)	0.001	0.44	48	0.39	56
RMP Facility Proximity (facility count/km distance)	0.15	1.1	14	0.57	40
Hazardous Waste Proximity (facility count/km distance)	2.4	3.5	47	3.5	63
Underground Storage Tanks (count/km ²)	2.9	8	45	3.6	69
Wastewater Discharge (toxicity-weighted concentration/m distance)	13000	31000	53	700000	89
Drinking Water Non-Compliance (points)	0	0.37	0	2.2	0
SOCIOECONOMIC INDICATORS					
Demographic Index USA	1.27	N/A	N/A	1.34	55
Supplemental Demographic Index USA	1.31	N/A	N/A	1.64	35
Demographic Index State	1.26	1.32	57	N/A	N/A
Supplemental Demographic Index State	1.13	1.41	38	N/A	N/A
People of Color	66%	39%	75	40%	75
Low Income	10%	28%	18	30%	17
Unemployment Rate	3%	6%	34	6%	40
Limited English Speaking Households	3%	4%	67	5%	68
Less Than High School Education	6%	10%	43	11%	40
Under Age 5	7%	6%	71	5%	71
Over Age 64	7%	17%	14	18%	15

*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	1
Water Dischargers	7
Air Pollution	5
Brownfields	0
Toxic Release Inventory	1

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	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	21%	20%	71	20%	70
Heart Disease	4.5	5.5	25	5.8	24
Asthma	8.1	9.9	4	10.3	4
Cancer	6.3	6.4	47	6.4	47
Persons with Disabilities	10.8%	12.4%	45	13.7%	36

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	12%	11%	74	12%	73
Wildfire Risk	0%	0%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	5%	13%	28	13%	31
Lack of Health Insurance	11%	7%	79	9%	70
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	No	N/A	N/A	N/A	N/A

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