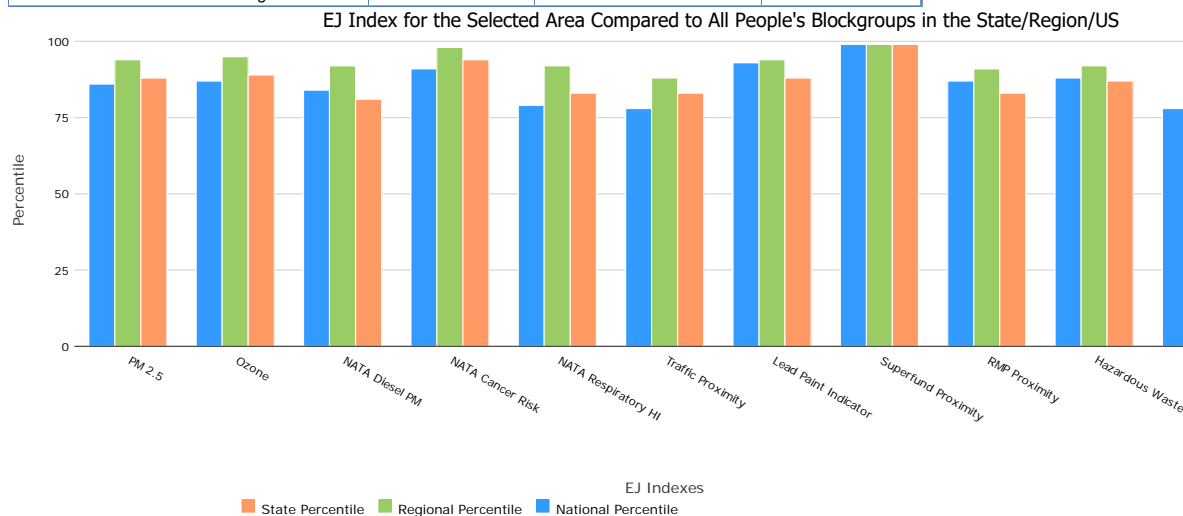


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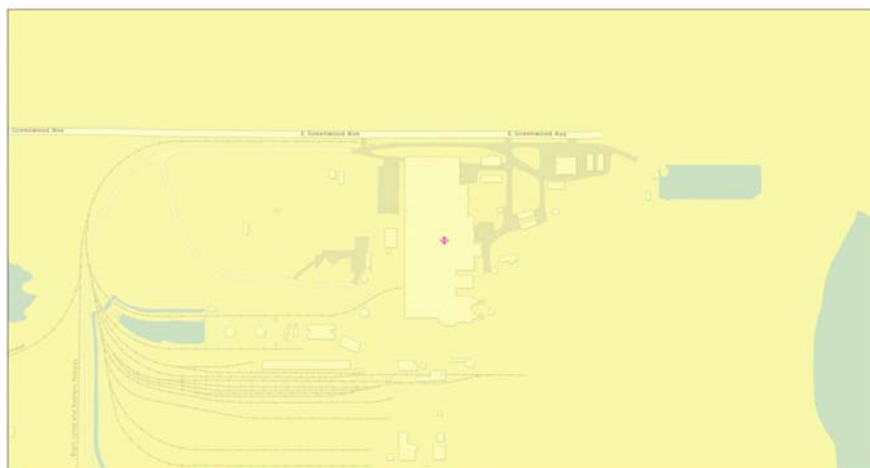


EJSCREEN Report (Version 2019)
3 miles Ring Centered at 42.383097,-87.814339
ILLINOIS, EPA Region 5
Approximate Population: 64,737
Input Area (sq. miles): 28.27
 Waukegan Coal Plant

Selected Variables	Percentile in State	Percentile in EPA Region	Percentile in USA
EJ Indexes			
EJ Index for Particulate Matter (PM 2.5)	88	94	86
EJ Index for Ozone	89	95	87
EJ Index for NATA* Diesel PM	81	92	84
EJ Index for NATA* Air Toxics Cancer Risk	94	98	91
EJ Index for NATA* Respiratory Hazard Index	83	92	79
EJ Index for Traffic Proximity and Volume	83	88	78
EJ Index for Lead Paint Indicator	88	94	93
EJ Index for Superfund Proximity	99	99	99
EJ Index for RMP Proximity	83	91	87
EJ Index for Hazardous Waste Proximity	87	92	88
EJ Index for Wastewater Discharge Indicator	76	83	78



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.



Sites reporting to EPA	
Superfund NPL	3
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	2

Selected Variables	Value	State		EPA Region		USA	
		Avg.	%tile	Avg.	%tile	Avg.	%tile
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	8.81	9.25	27	8.63	47	8.3	65
Ozone (ppb)	46.4	44.8	97	43.4	89	43	76
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	0.489	0.669	39	0.446	60-70th	0.479	60-70th
NATA* Air Toxics Cancer Risk (risk per MM)	47	33	94	26	95-100th	32	95-100th
NATA* Respiratory Hazard Index	0.32	0.42	21	0.34	<50th	0.44	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	240	630	54	530	57	750	52
Lead Paint Indicator (% pre-1960s housing)	0.54	0.41	63	0.38	70	0.28	79
Superfund Proximity (site count/km distance)	1.2	0.095	99	0.13	98	0.13	98
RMP Proximity (facility count/km distance)	0.77	1.2	52	0.82	65	0.74	70
Hazardous Waste Proximity (facility count/km distance)	1.8	2	64	1.5	73	4	75
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	5.7E-06	1.7	31	0.82	34	14	44
Demographic Indicators							
Demographic Index	64%	34%	84	28%	90	36%	85
Minority Population	80%	38%	83	25%	91	39%	84
Low Income Population	49%	30%	80	31%	79	33%	77
Linguistically Isolated Population	13%	5%	86	2%	94	4%	87
Population with Less Than High School Education	28%	11%	90	10%	94	13%	88
Population under Age 5	7%	6%	65	6%	66	6%	64
Population over Age 64	9%	14%	29	15%	23	15%	28

*The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

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