EJSCREEN
EPA’s Environmental Justice Screening Tool
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EPA'S ENVIRONMENTAL SCREENING TOOL
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Key Features

- **EJ Indexes**: Combine demographic and environmental data to highlight vulnerable/susceptible populations.
- **Annually Updated Data**: from most recent U.S. Census Bureau American Community Survey (ACS).
- **Accessible and Intuitive**: Standard printable reports, maps, and bar graphs.
- **High Resolution Data**: Census block group and tracts for units of analysis.
About Vulnerability

How we...
- are born
- grow
- live
- learn
- work
- play

social determinants

distribution factors
- Race
- Ethnicity
- Social Standing
- Income
- Education
About Susceptibility

- Biological factors
- Age
- Gender
- Pre-existing diseases
- Nutritional status
Understand these caveats before using

- Environmental indicators are mostly screening-level proxies for actual exposure or risk.
- Indicators vary in vintage. Estimates are based on historical data and may not reflect current or future conditions.
- EJSCREEN does not cover all environmental issues.
- EJSCREEN does not identify “EJ communities.”
UNITS OF ANALYSIS

- **United States**
- **State**
  - primary governmental divisions of the United States.
- **County**
  - Largest divisions within states.
- **Census Tract**
  - Collection of Census block groups, mostly between 1,200 and 8,000 people.
- **Block Group**
  - Collection of residential blocks, mostly, between 600 and 3,000 people.
- **Block**
  - Residential block, bounded on all sides by streets.
Results are ranked as percentiles

• Percentiles put indicators into common units of 0 – 100.

• For example, a place at the 80th percentile nationwide means 20% of the US population has a higher value.

• Ranking values as percentiles allows comparison of indicators measured with different units. It does not mean the risks are equal or comparable.