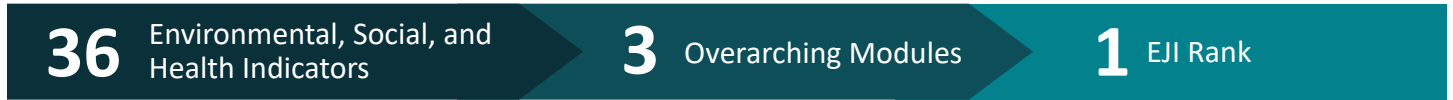


Environmental Justice Index

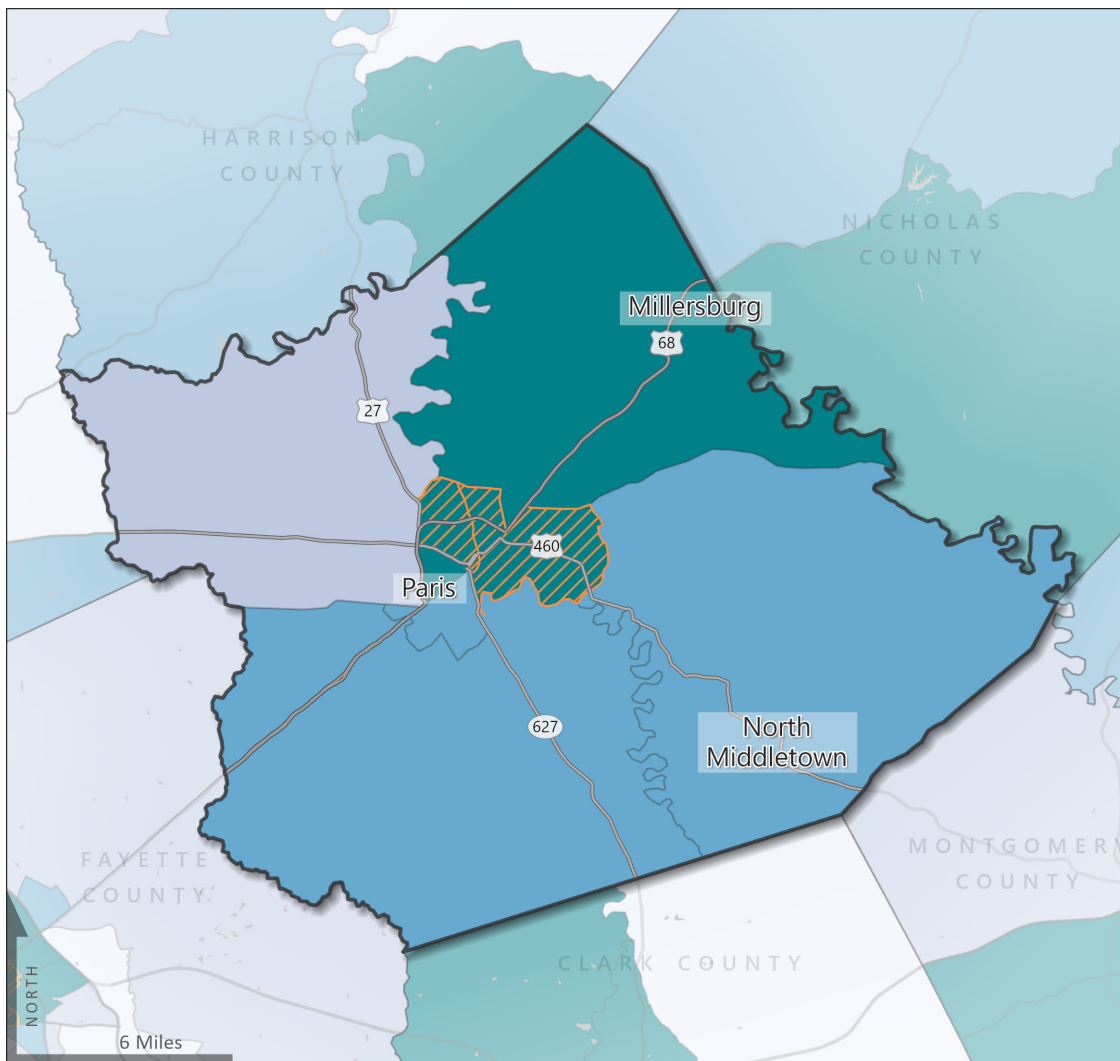
Bourbon County, Kentucky

The **Environmental Justice Index (EJI)** measures the cumulative impacts of environmental injustice in communities across the United States. The EJI ranks are based on percentile rankings of all tracts in the contiguous United States¹.

The EJI ranks communities on 36 indicators and 3 modules, which are then combined to create 1 overall EJI rank.



8,307 | Number of Bourbon County Residents Living In **Highly Burdened Areas**



Let's Compare!

What percent of residents are living in highly burdened areas?

41.1%
Bourbon County

28.9%
Kentucky



22.9%
United States



Scan to learn more or visit <https://eji.cdc.gov>



EJI Rank (by U.S. Census Tract)

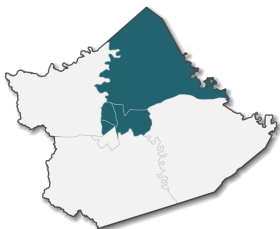


¹Alaska, Hawaii, and territories were not included due to data limitations.



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4 of 8 tracts are Highly Burdened

Highly burdened tracts for **Bourbon County** are tracts with **EJI ranks of > 0.75**. These are tracts that might need special attention or additional action when addressing environmental injustice and health inequities.

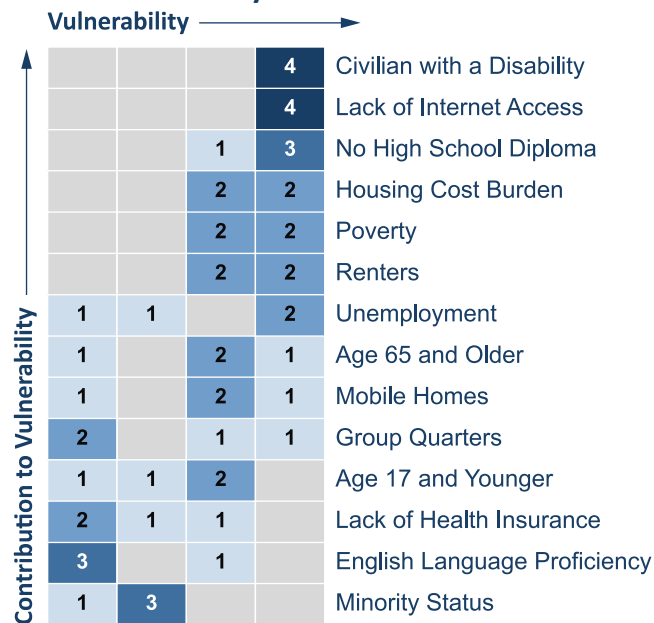
Indicator Rank Distribution

Among these **4** tracts, which **environmental burden** and **social vulnerability** indicators are contributing the most to burden? The figures below display the number of tracts by categories of burden or vulnerability. Higher numbers to the right indicate more tracts experiencing high burden.

Environmental Burden

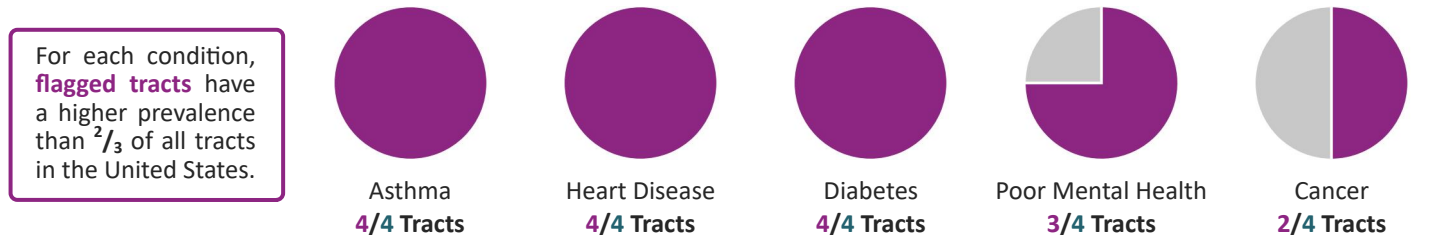


Social Vulnerability



Health Vulnerability

Among these **4** tracts, how many are **flagged for high prevalence** in the following **pre-existing chronic health conditions**?



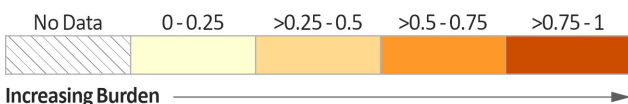
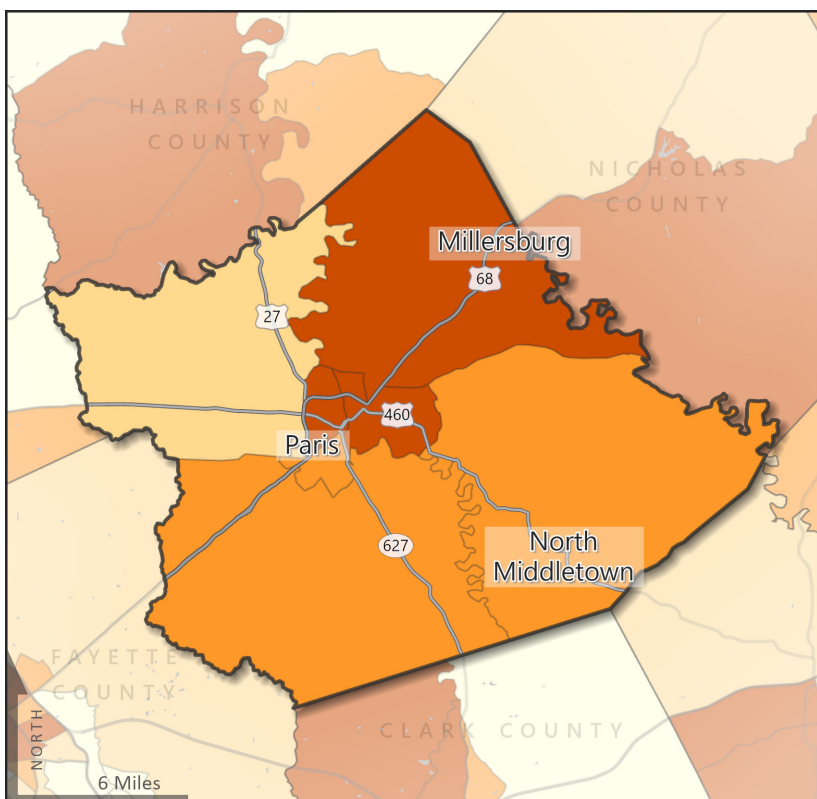
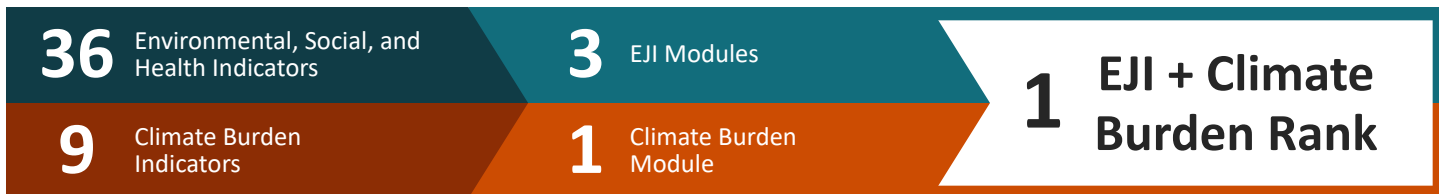
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Environmental Justice Index Bourbon County, Kentucky

EJI + Climate Burden

The **EJI + Climate Burden** Rank is a supplement to the base EJI Rank. The supplement measures cumulative impacts, including climate-related burdens, on the health of U.S. communities. **EJI + Climate Burden** is based on the ranks for all 3 base EJI Modules and the **EJI Climate Burden Module** Rank.

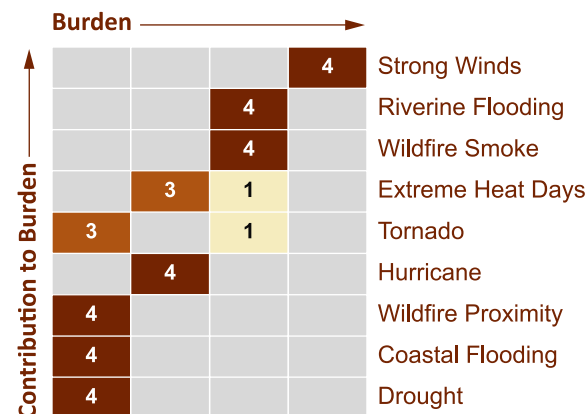


4

Highly burdened tracts for **Bourbon County** are tracts with **EJI + Climate ranks of > 0.75**. Climate burdens can add to existing burdens and stressors.

Among these **4** tracts, indicators are listed in order of contribution to burden. For each indicator, the figure displays the number of tracts that fall into progressively higher categories of burden or vulnerability.

Climate Burden



? Questions? Email ejc_coordinator@cdc.gov or visit <https://ejc.cdc.gov>

Notes: For more information on data selection, data sources, and on the methodology used to calculate indicators and EJI ranks, please see the EJI Technical Documentation located at: https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html

Data Sources: U.S. Census Bureau American Community Survey; U.S. Environmental Protection Agency: AirToxScreen, AQS, FRS, NWI, WSIO; U.S. Mine Safety and Health Administration Mine Data Retrieval System; U.S. Geological Survey PAD-US 4.0; U.S. Department of Transportation National Transportation Atlas Database; U.S. Department of Transportation National Highway System; OpenStreetMap; U.S. Centers for Disease Control and Prevention PLACES data; Agency for Toxic Substances and Disease Registry



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