



Correlation between Superfund Sites and Socially Vulnerable Communities in Hidalgo and Cameron County

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Background

Questions

- **Q:** What is the probability based on Social Vulnerability Index to live close to an EPA superfund site in Hidalgo and Cameron County?
- **H1:** The more socially vulnerable the more likely is the proximity to a Superfund site in Hidalgo or Cameron County.
- **H2:** There is no proximity trend based on social vulnerability index and superfund site locations in Hidalgo and Cameron County.

Hidalgo County, Texas

County, or equivalent in Texas



Covering 1,570.5 square miles, Hidalgo County, Texas is the 15th-largest county in Texas by area. Hidalgo County, Texas is bordered by Starr County, Willacy County, Kenedy County, Cameron County, and Brooks County.



POPULATION
855,176



MEDIAN HOUSEHOLD INCOME
\$40,014



POVERTY RATE
29.7%



BACHELOR'S DEGREE OR HIGHER
18.7%



Methodology

- Data:

Coordinates for the sites can be found on the TCEQ Superfund sites by County website.

Social vulnerability shapefiles can be downloaded from the CDC SVI Documentation Download.

