

Extreme Heat DRAFT Imperial County



Population Characteristics

Total Population size in 2022: 0.2 million

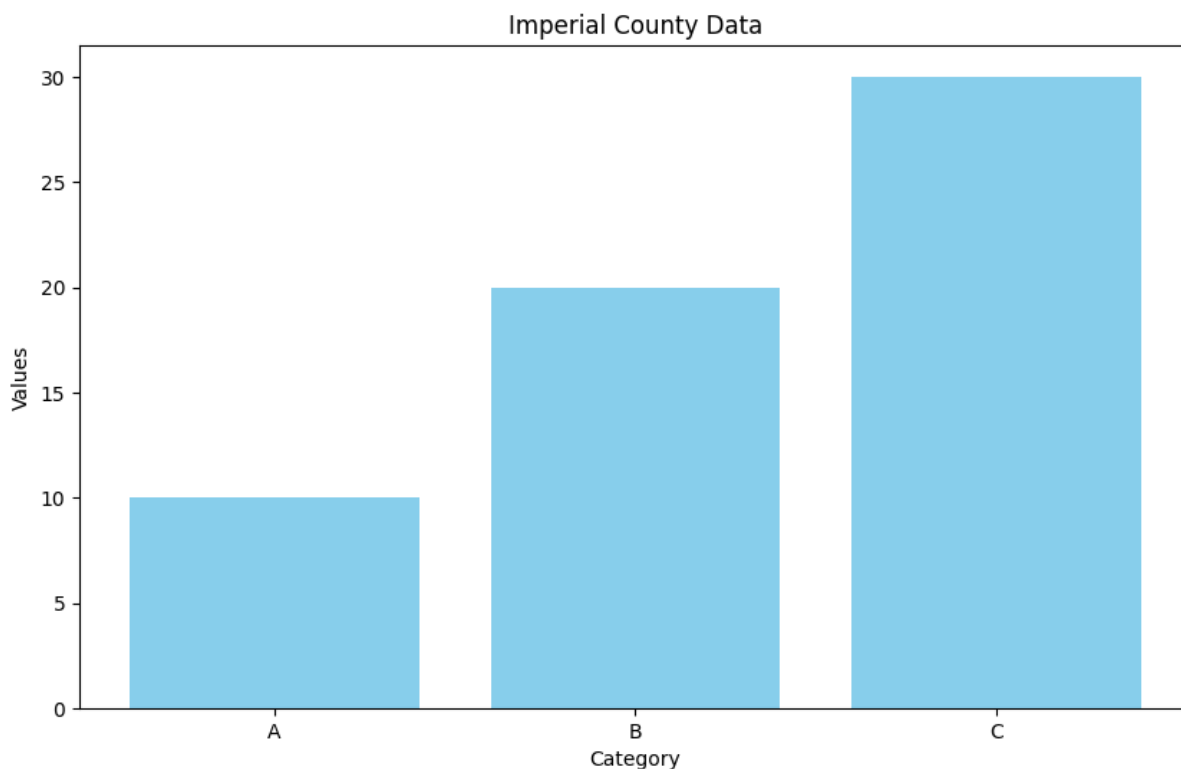
Latino Population: 0.2 million (85%) #20 in California

Non-Latino White Population: 0.0 million (10%)

County Statistics

Statistic	Latino	NL White	Total
Median Age	30.7	49.8	32.6
Non-U.S. Citizen Population	17%	1%	15%
Limited English Proficiency	40%	1%	35%
Median Household Income	\$51,501	\$68,125	\$53,847
Poverty Rate	22%	12%	21%
No Health Insurance	7%	6%	7%
Renter Occupied Households	45%	27%	42%
SNAP benefits	28%	13%	25%
Food Insecurity	39%	38%	39%
Self-Reported Health Status (Fair or Poor)	23%	15%	22%

Infographics



Neighborhood-Level Analysis

Neighborhood-Level Analysis

Map 1. Latino and NL White Neighborhoods in Imperial County

High-Temperature Days

The federal government defines extreme heat in the U.S. as a period of 2 to 3 days above 90 degrees Fahrenheit.

- Latino neighborhoods historically experience more days with high temperatures. For instance, the average number of days with temperatures reaching 90°F between 2018 and 2022 is higher in Latino neighborhoods (180 days) compared to NL White neighborhoods (nan days), representing a significant increase of nan days. This pattern extends to higher temperature thresholds of 95, 100, and 105 degrees Fahrenheit.
- Latino neighborhoods endure longer heat waves. In recent years, these neighborhoods experienced an average of 125 consecutive days with temperatures at or above 90°F, while NL White neighborhoods experienced nan consecutive days, a difference of nan days.

Looking forward, Latino neighborhoods are projected to experience a greater number of days with higher temperatures. Between 2035 and 2064, Latino neighborhoods are expected to experience an average of 208 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience nan days, a difference of nan days. Between 2070 and 2099, Latino neighborhoods are expected to experience 230 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience nan days, a difference of nan days.

Projected average number of days with temperatures of 100°F or higher:

- Between 2035 and 2064: Latino neighborhoods: 147 days, NL White neighborhoods: nan days, a difference of nan days.
- Between 2070 and 2099: Latino neighborhoods: 169 days, NL White neighborhoods: nan days, a difference of nan days.

Older adults and children are at higher risk for heat-related illnesses. On average, a higher percentage of residents in Latino neighborhoods are 18 and under (30%) compared to predominantly NL White neighborhoods (nan%), a difference of nan%. However, predominantly NL White neighborhoods, on average, have a higher percentage of the elderly (nan%), with more residents being 65 and over, compared to Latino neighborhoods (14%), a difference of nan%.