UCLA Latino Policy & Politics Institute

Extreme Heat DRAFT
San Bernardino County

Population Characteristics
Total Population size in 2022: 2.2 million
Latino Population: 1.2 million (55%) #3 in California
Non-Latino White Population: 0.6 million (26%)

County Statistics

Statistic	Latino	NL White	Total
Median Age	29.4	45.1	33.9
Non-U.S. Citizen Population	14%	2%	10%
Limited English Proficiency	21%	2%	15%
Median Household Income	$75,340	$83,624	$77,423
Poverty Rate	15%	10%	14%
No Health Insurance	11%	5%	9%
Renter Occupied Households	42%	31%	39%
SNAP benefits	17%	10%	14%
Food Insecurity	44%	44%	44%
Self-Reported Health Status (Fair or Poor)	20%	14%	18%

Neighborhood-Level Analysis
Map 1. Latino and NL White Neighborhoods in San Bernardino 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.

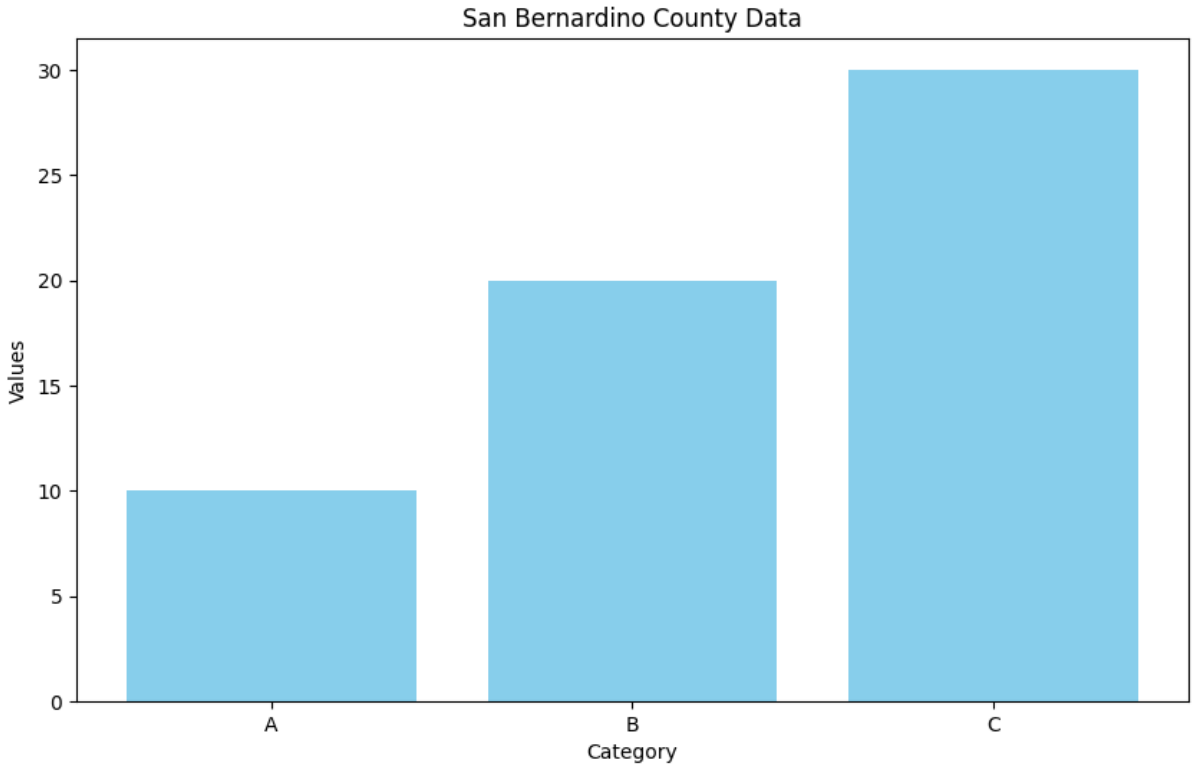
- Latino neighborhoods historically experience more days with high temperatures. For instance, the average number of days with temperatures reaching 90°F between 2018 and 2022 is higher in Latino neighborhoods (103 days) compared to NL White neighborhoods (66 days), representing a significant increase of 37 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 19 consecutive days with temperatures at or above 90°F, while NL White neighborhoods experienced 33 consecutive days, a difference of -14 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 138 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 126 days, a difference of 12 days. Between 2070 and 2099, Latino neighborhoods are expected to experience 164 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 149 days, a difference of 15 days.
Projected average number of days with temperatures of 100°F or higher:

- Between 2035 and 2064: Latino neighborhoods: 57 days, NL White neighborhoods: 58 days, a difference of -1 days.
- Between 2070 and 2099: Latino neighborhoods: 79 days, NL White neighborhoods: 77 days, a difference of 2 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 (28%) compared to predominantly NL White neighborhoods (18%), a difference of 10%. However, predominantly NL White neighborhoods, on average, have a higher percentage of the elderly (26%), with more residents being 65 and over, compared to Latino neighborhoods (9%), a difference of -17%.

Infographics


San Bernardino County Data
Values
0
5
10
15
20
25
30
A
B
C
Category