UCLA Latino Policy & Politics Institute

# Extreme Heat DRAFT
# Santa Barbara County

**Population Characteristics**
Total Population size in 2022: 0.4 million
Latino Population: 0.2 million (47%) #17 in California
Non-Latino White Population: 0.2 million (43%)

## County Statistics

| Statistic | Latino | NL White | Total |
|---|---|---|---|
| **Median Age** | 27.5 | 46.9 | 34.3 |
| **Non-U.S. Citizen Population** | 24% | 3% | 14% |
| **Limited English Proficiency** | 31% | 1% | 16% |
| **Median Household Income** | $78,142 | $105,367 | $92,332 |
| **Poverty Rate** | 16% | 10% | 14% |
| **No Health Insurance** | 16% | 4% | 10% |
| **Renter Occupied Households** | 58% | 39% | 47% |
| **SNAP benefits** | 16% | 5% | 9% |
| **Food Insecurity** | 53% | 45% | 50% |
| **Self-Reported Health Status (Fair or Poor)** | 22% | 10% | 16% |

**Neighborhood-Level Analysis**
Map 1. Latino and NL White Neighborhoods in Santa Barbara 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.

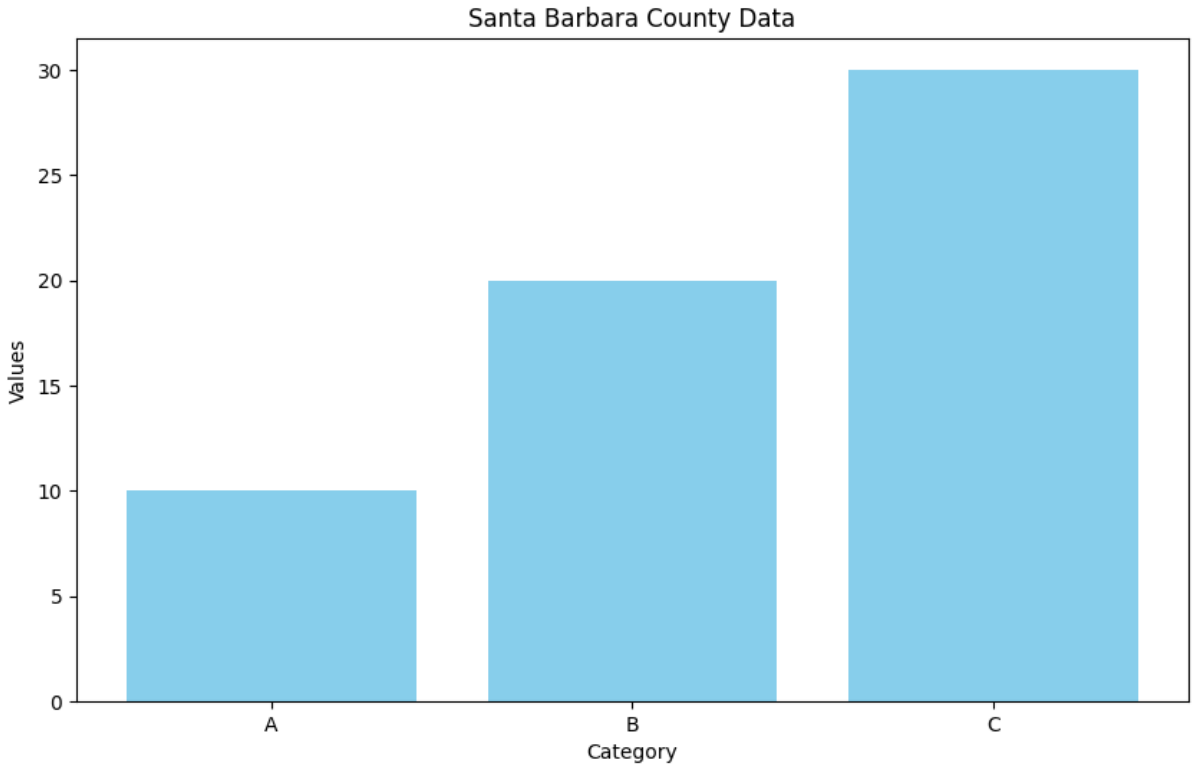
- Latino neighborhoods historically experience more days with high temperatures. For instance, the average number of days with temperatures reaching 90°F between 2018 and 2022 is higher in Latino neighborhoods (6 days) compared to NL White neighborhoods (14 days), representing a significant increase of -8 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 8 consecutive days with temperatures at or above 90°F, while NL White neighborhoods experienced 5 consecutive days, a difference of 3 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 9 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 21 days, a difference of -12 days. Between 2070 and 2099, Latino neighborhoods are expected to experience 19 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 34 days, a difference of -15 days.
Projected average number of days with temperatures of 100°F or higher:

- Between 2035 and 2064: Latino neighborhoods: 1 days, NL White neighborhoods: 4 days, a difference of -3 days.
- Between 2070 and 2099: Latino neighborhoods: 2 days, NL White neighborhoods: 7 days, a difference of -5 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 (32%) compared to predominantly NL White neighborhoods (16%), a difference of 16%. However, predominantly NL White neighborhoods, on average, have a higher percentage of the elderly (28%), with more residents being 65 and over, compared to Latino neighborhoods (9%), a difference of -19%.

## Infographics


Santa Barbara County Data
Values
30
25
20
15
10
5
0
A
B
C
Category