UCLA Latino Policy & Politics Institute

Extreme Heat DRAFT
Monterey County

Population Characteristics
Total Population size in 2022: 0.4 million
Latino Population: 0.3 million (60%) #16 in California
Non-Latino White Population: 0.1 million (28%)

County Statistics

Statistic	Latino	NL White	Total
Median Age	28.5	51.6	35.1
Non-U.S. Citizen Population	31%	2%	20%
Limited English Proficiency	40%	2%	25%
Median Household Income	$76,870	$110,880	$91,043
Poverty Rate	15%	7%	12%
No Health Insurance	14%	4%	10%
Renter Occupied Households	59%	36%	48%
SNAP benefits	11%	5%	8%
Food Insecurity	39%	28%	38%
Self-Reported Health Status (Fair or Poor)	19%	13%	17%

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

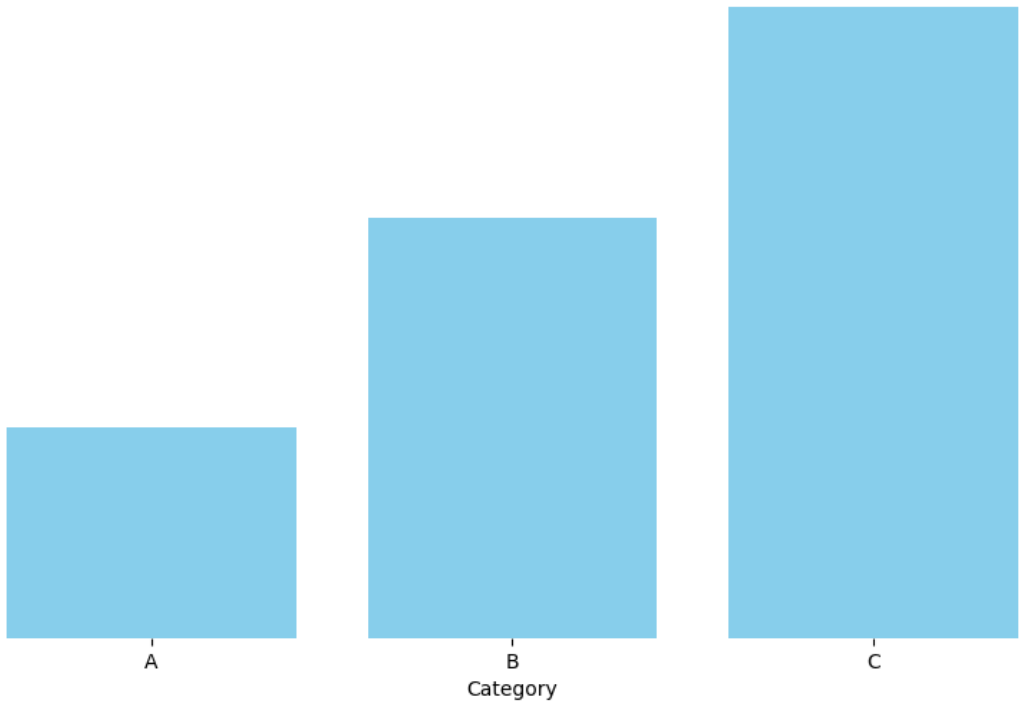
- Latino neighborhoods historically experience more days with high temperatures. For instance, the average number of days with temperatures reaching 90°F between 2018 and 2022 is higher in Latino neighborhoods (30 days) compared to NL White neighborhoods (0 days), representing a significant increase of 30 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 14 consecutive days with temperatures at or above 90°F, while NL White neighborhoods experienced 0 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 41 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 8 days, a difference of 33 days. Between 2070 and 2099, Latino neighborhoods are expected to experience 56 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 16 days, a difference of 40 days.
Projected average number of days with temperatures of 100°F or higher:

- Between 2035 and 2064: Latino neighborhoods: 12 days, NL White neighborhoods: 1 days, a difference of 11 days.
- Between 2070 and 2099: Latino neighborhoods: 20 days, NL White neighborhoods: 2 days, a difference of 18 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 (13%), a difference of 19%. However, predominantly NL White neighborhoods, on average, have a higher percentage of the elderly (35%), with more residents being 65 and over, compared to Latino neighborhoods (9%), a difference of -26%.

Infographics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