UCLA Latino Policy & Politics Institute

Extreme Heat DRAFT
Santa Clara County

Population Characteristics
Total Population size in 2022: 1.9 million
Latino Population: 0.5 million (25%) #8 in California
Non-Latino White Population: 0.6 million (28%)

County Statistics

Statistic	Latino	NL White	Total
Median Age	30.9	47.2	37.7
Non-U.S. Citizen Population	20%	7%	19%
Limited English Proficiency	25%	4%	20%
Median Household Income	$98,317	$160,922	$153,792
Poverty Rate	9%	5%	7%
No Health Insurance	9%	2%	4%
Renter Occupied Households	63%	37%	44%
SNAP benefits	10%	2%	5%
Food Insecurity	42%	26%	39%
Self-Reported Health Status (Fair or Poor)	19%	9%	14%

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

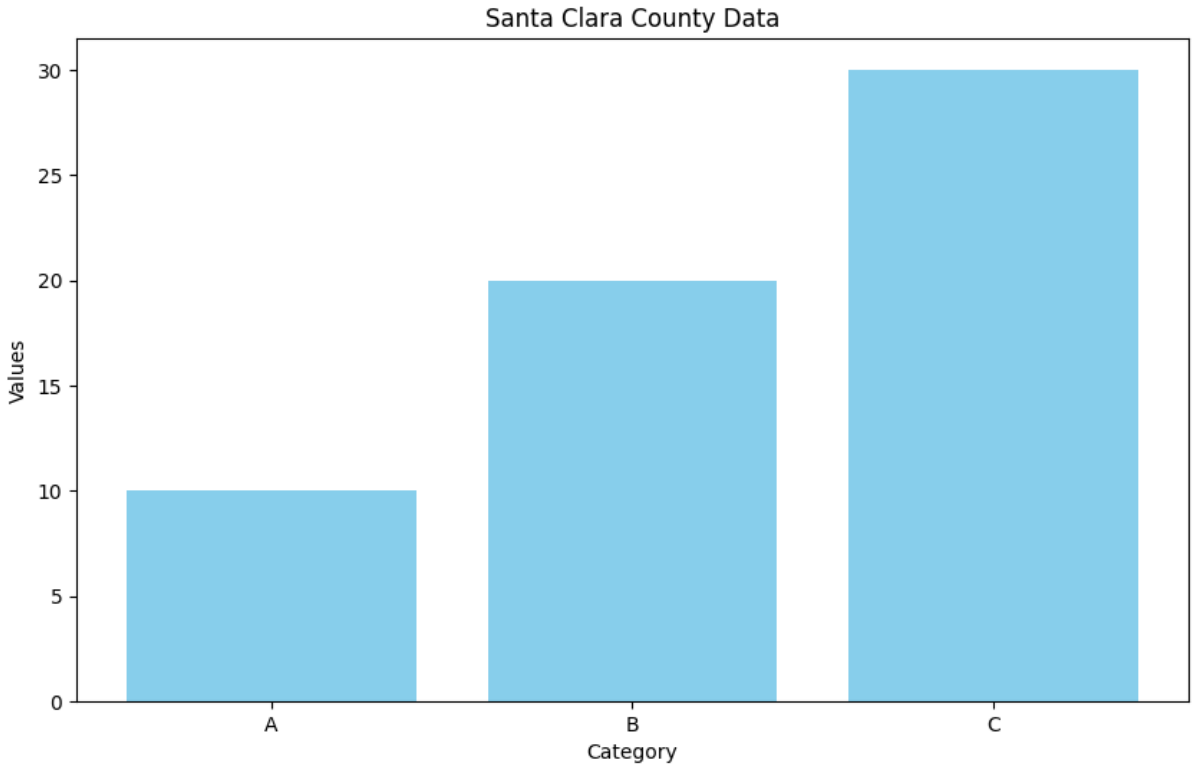
- Latino neighborhoods historically experience more days with high temperatures. For instance, the average number of days with temperatures reaching 90°F between 2018 and 2022 is higher in Latino neighborhoods (67 days) compared to NL White neighborhoods (42 days), representing a significant increase of 25 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 11 consecutive days with temperatures at or above 90°F, while NL White neighborhoods experienced 11 consecutive days, a difference of 0 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 49 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 48 days, a difference of 1 days. Between 2070 and 2099, Latino neighborhoods are expected to experience 74 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 71 days, a difference of 3 days.
Projected average number of days with temperatures of 100°F or higher:

- Between 2035 and 2064: Latino neighborhoods: 8 days, NL White neighborhoods: 7 days, a difference of 1 days.
- Between 2070 and 2099: Latino neighborhoods: 15 days, NL White neighborhoods: 15 days, a difference of 0 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 (27%) compared to predominantly NL White neighborhoods (21%), a difference of 6%. However, predominantly NL White neighborhoods, on average, have a higher percentage of the elderly (18%), with more residents being 65 and over, compared to Latino neighborhoods (10%), a difference of -8%.

Infographics


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