UCLA Latino Policy & Politics Institute

Extreme Heat DRAFT
Contra Costa County

Population Characteristics
Total Population size in 2022: 1.2 million
Latino Population: 0.3 million (26%) #14 in California
Non-Latino White Population: 0.5 million (41%)

County Statistics

Statistic	Latino	NL White	Total
Median Age	30.9	49.2	40.1
Non-U.S. Citizen Population	20%	3%	11%
Limited English Proficiency	27%	3%	13%
Median Household Income	$96,027	$133,672	$120,020
Poverty Rate	11%	6%	8%
No Health Insurance	9%	2%	5%
Renter Occupied Households	46%	26%	33%
SNAP benefits	11%	4%	7%
Food Insecurity	48%	37%	44%
Self-Reported Health Status (Fair or Poor)	17%	10%	13%

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

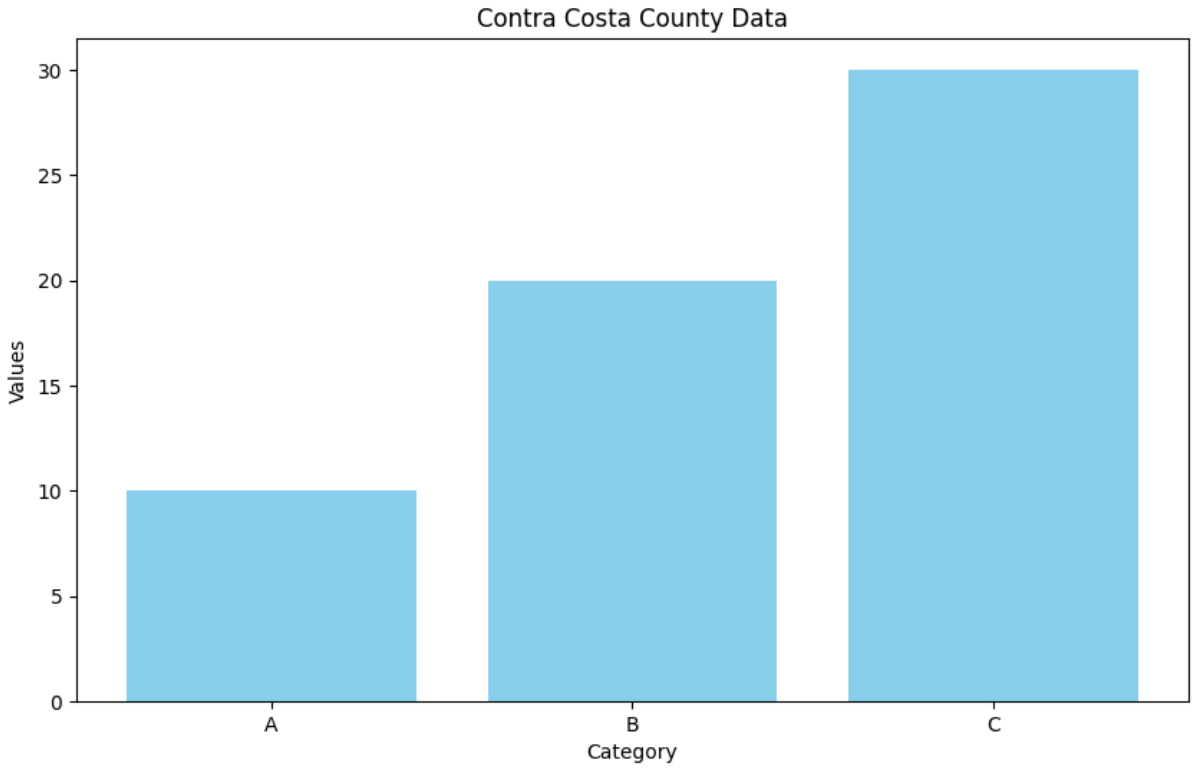
- Latino neighborhoods historically experience more days with high temperatures. For instance, the average number of days with temperatures reaching 90°F between 2018 and 2022 is higher in Latino neighborhoods (15 days) compared to NL White neighborhoods (26 days), representing a significant increase of -11 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 4 consecutive days with temperatures at or above 90°F, while NL White neighborhoods experienced 7 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 38 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 72 days, a difference of -34 days. Between 2070 and 2099, Latino neighborhoods are expected to experience 52 days with temperatures of 90°F or higher, while NL White neighborhoods are expected to experience 93 days, a difference of -41 days.
Projected average number of days with temperatures of 100°F or higher:

- Between 2035 and 2064: Latino neighborhoods: 8 days, NL White neighborhoods: 17 days, a difference of -9 days.
- Between 2070 and 2099: Latino neighborhoods: 14 days, NL White neighborhoods: 29 days, a difference of -15 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 (20%), a difference of 10%. 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 (8%), a difference of -20%.

Infographics


Contra Costa County Data
Values
30
25
20
15
10
5
0
A
B
C
Category