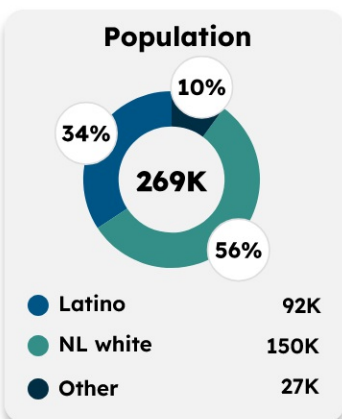


EXTREME HEAT

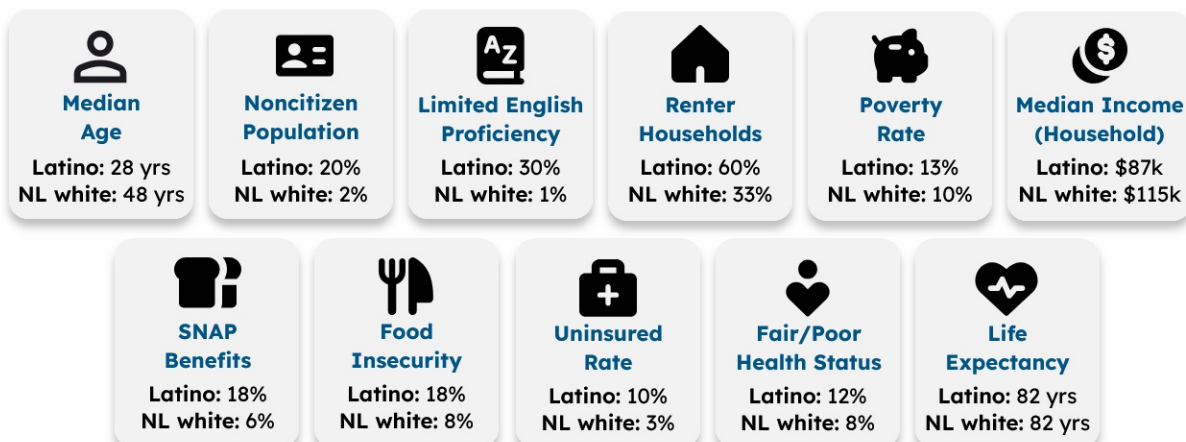
Santa Cruz County

County Statistics

Factors Influencing Exposure to Extreme Heat



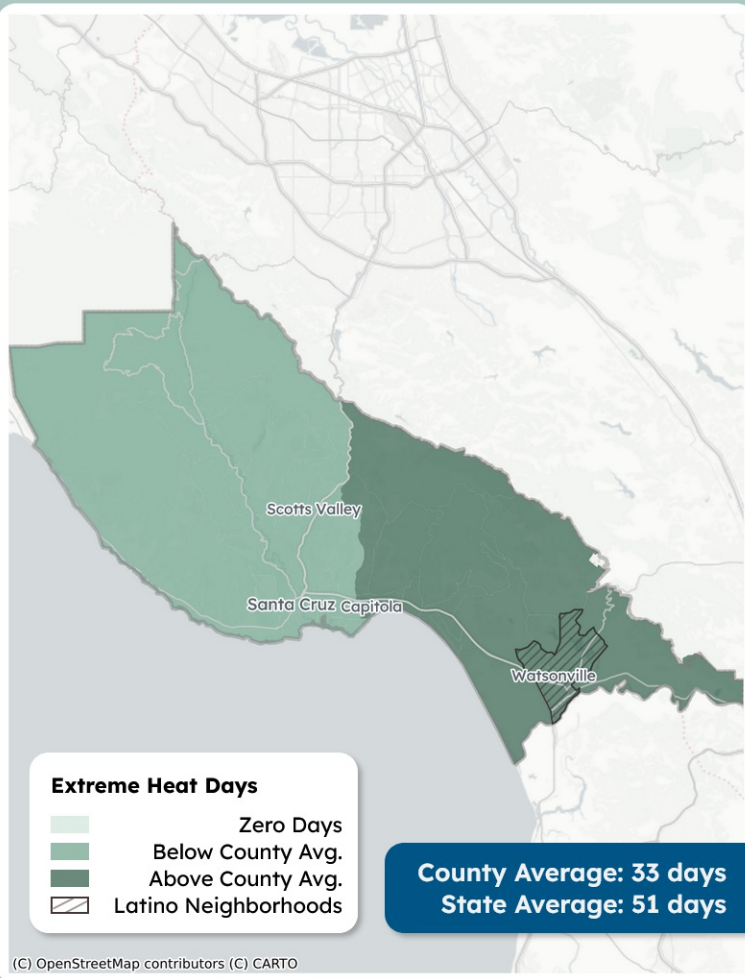
*NL white = Non-Latino white



Neighborhood Statistics

Extreme Heat Days

Latino Neighborhoods and Exposure to Extreme Heat Days ($\geq 90^\circ\text{F}$), 2018-2022



Latino neighborhoods = Census tracts with 70%+ Latino residents
 NL white neighborhoods = Census tracts with 70%+ NL white residents

!! **Extreme heat days** are defined as days where the temperature is at or above 90°F . Exposure to extreme heat poses significant health risks.

Annual Number of Extreme Heat Days (2018-2022)

At 90°F , the risk of heat-related illnesses and conditions increases significantly.

| Latino neighborhoods | NL white neighborhoods |
|---|------------------------|
| 56 days | 26 days |
| average days $\geq 90^\circ\text{F}$ annually | |

Longest Period of Consecutive Extreme Heat Days (2022)

The Federal Emergency Management Agency defines a period of extreme heat in most of the U.S. as a period of 2 to 3 days above 90°F .

| Latino neighborhoods | NL white neighborhoods |
|---|------------------------|
| 15 days | 12 days |
| consecutive days $\geq 90^\circ\text{F}$ annually | |

Projected Number of Extreme Heat Days by Mid-Century (2035-2064)

Looking forward, Latino neighborhoods are projected to experience less extreme heat days.

| Latino neighborhoods | NL white neighborhoods |
|--|------------------------|
| 10 days | 23 days |
| expected days $\geq 90^\circ\text{F}$ annually | |

Neighborhood Statistics (cont.)

Barriers and Facilitators To Preventing Heat Exposure

