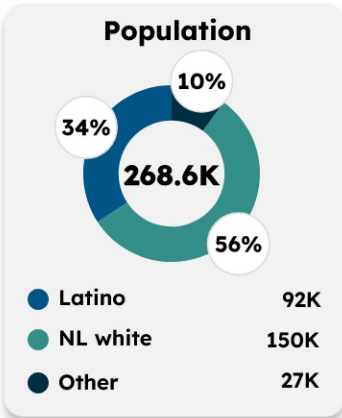


# EXTREME HEAT

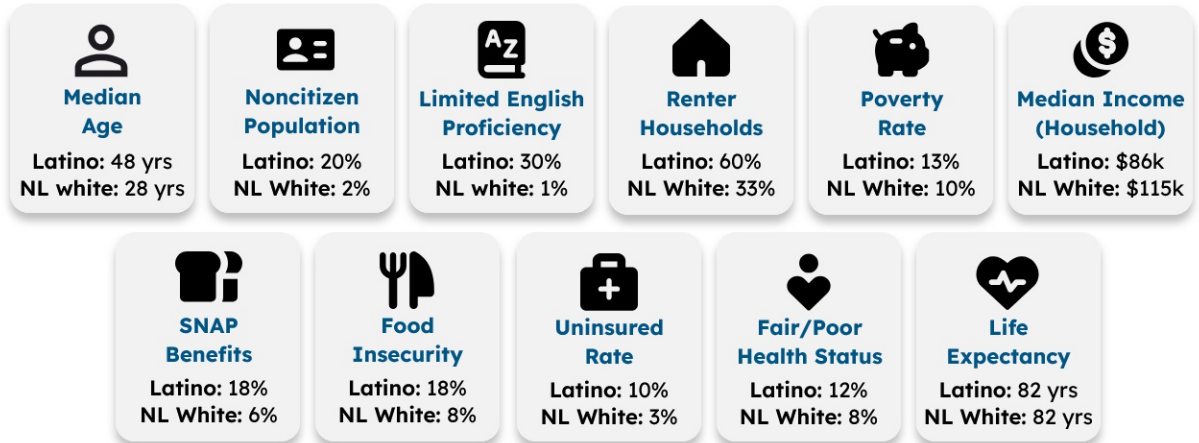
## Santa Cruz County

### County Statistics

#### Factors Influencing Exposure to Extreme Heat



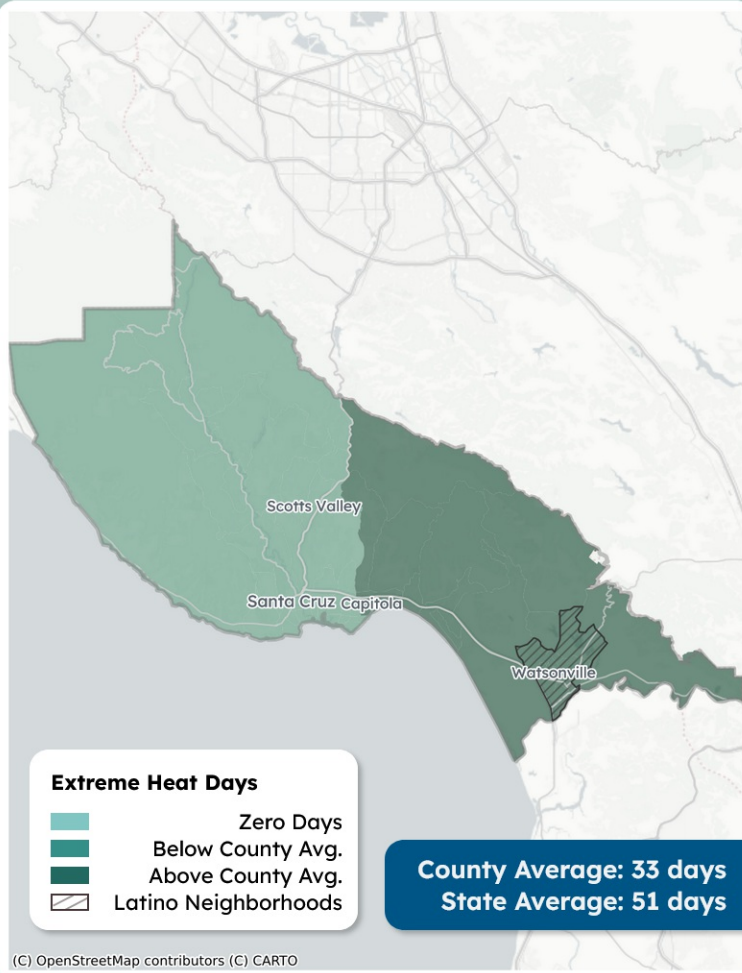
\*NL white = Non-Latino white



### Neighborhood Statistics

#### Extreme Heat Days

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



(C) OpenStreetMap contributors (C) CARTO

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  $90^\circ\text{F}$ . Exposure to extreme heat poses significant health risks.

#### Annual Number of Extreme Heat Days (2018-2022)

At  $90^\circ\text{F}$ , the risk of heat-related illnesses and conditions increases significantly.

| Latino neighborhoods                          | NL white neighborhoods |
|---|------------------------|
| <b>56 days</b>                                | <b>26 days</b>         |
| 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  $90^\circ\text{F}$ .

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

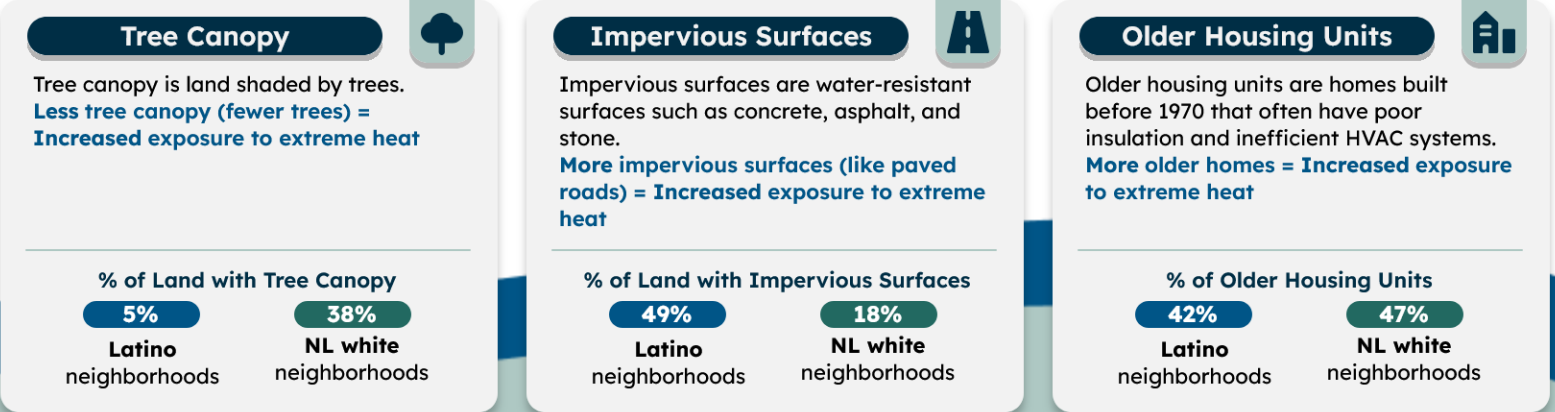
#### Projected Number of Extreme Heat Days by Mid-Century (2035-2064)

Looking forward, NL white neighborhoods are projected to experience a greater number of extreme heat days.

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

## Neighborhood Statistics (cont.)

### Barriers and Facilitators To Preventing Heat Exposure



### Vulnerable Groups

