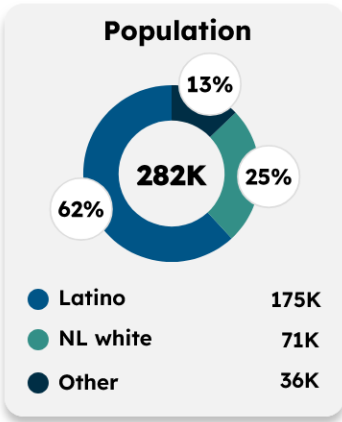


EXTREME HEAT

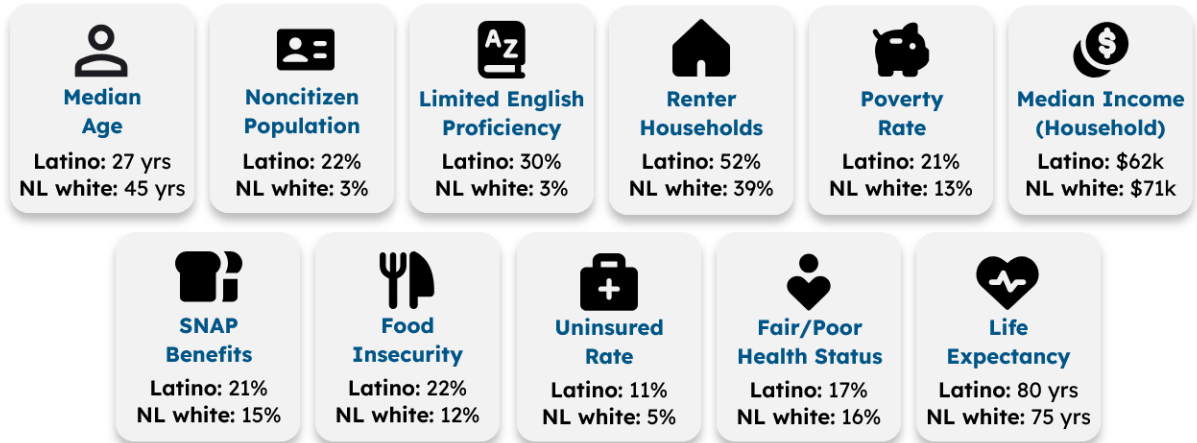
Merced County

County Statistics

Factors Influencing Exposure to Extreme Heat



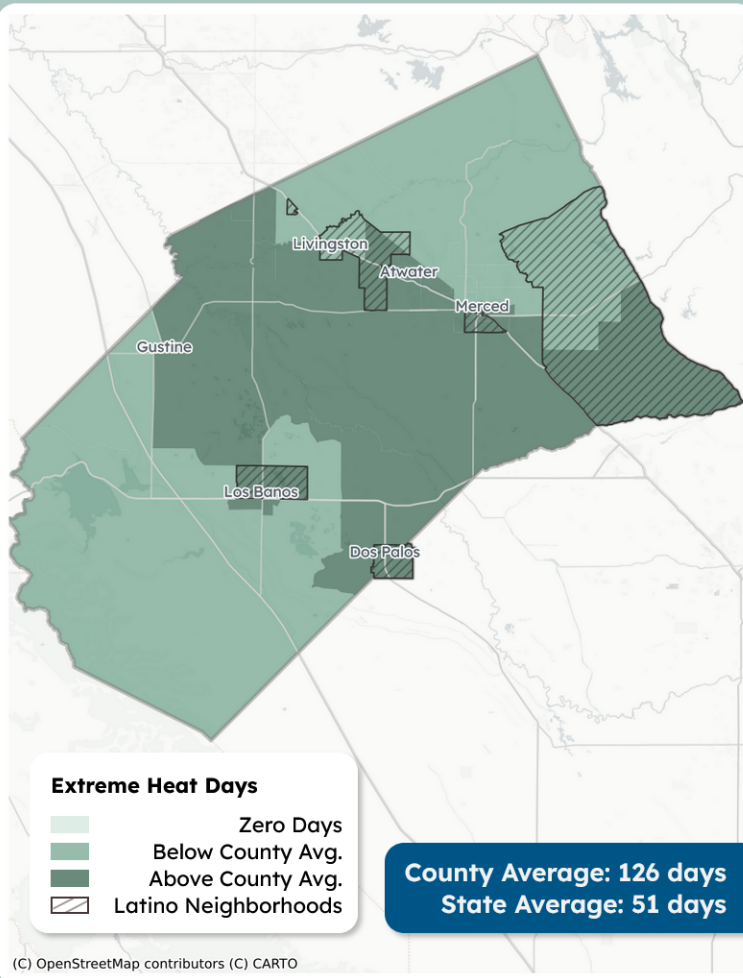
*NL white = Non-Latino white



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 neighborhoods = Census tracts with less than 70% Latino 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 neighborhoods
127 days	126 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 neighborhoods
85 days	82 days
consecutive days $\geq 90^{\circ}\text{F}$ annually	

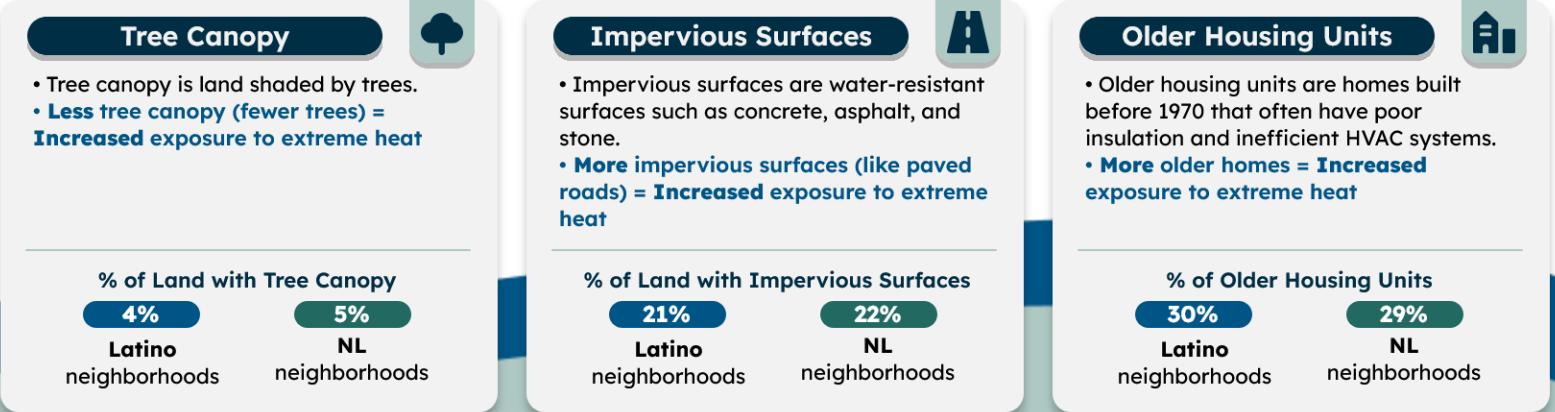
Projected Number of Extreme Heat Days by Mid-Century (2035-2064)

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

Latino neighborhoods	NL neighborhoods
136 days	140 days
expected days $\geq 90^{\circ}\text{F}$ annually	

Neighborhood Statistics (cont.)

Barriers and Facilitators To Preventing Heat Exposure



Vulnerable Groups

