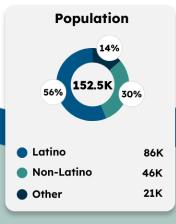
EXTREME HEAT

Latino Policy & Politics Institute UCLA Climate & Health Dashboard

Kings County

County Statistics

Factors Influencing Exposure to Extreme Heat



Median Age Latino: 28 NI: 39

23 **Noncitizen Population** Latino: 18% NI · 2%

Limited English Proficiency

Latino: 34% NL: 1%

Households Latino: 52% NL: 35%



Rate Latino: 21% NL: 9%



Latino: \$56k NL: \$83k



Latino: 22% NL: 9%

Food

Insecurity Latino: 22% NL: 10%

III.

Uninsured

Rate Latino: 10% NL: 4%

Fair/Poor **Health Status** Latino: 18%

Expectancy

Latino: 78 yrs NL: 16% **NL:** 77 yrs

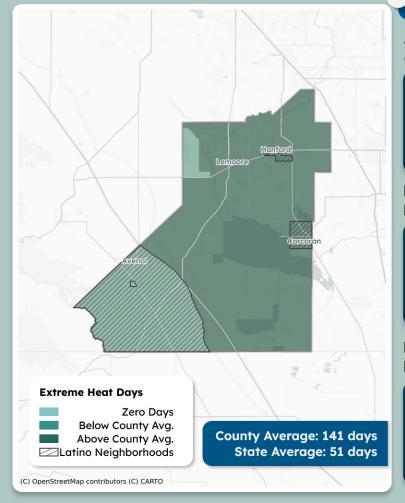
Life

NL white = Non-Latino white

Neighborhood Statistics

Extreme Heat Days

Latino Neighborhoods and Exposure to Extreme Heat Days (≥ 90°F), 2018-2022



Latino neighborhoods = Census tracts with 70%+ Latino residents Non-Latino neighborhoods = Census tracts with 70%+ non-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 **137** days

neighborhoods **142** days

average days ≥ 90°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 neighborhoods

90 days

91 days

consecutive days ≥ 90°F annually

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

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

Latino neighborhoods

NL neighborhoods

145 days

142 days

expected days ≥ 90°F annually



Neighborhood Statistics (cont.)

Barriers and Facilitators To Preventing Heat Exposure

Tree Canopy



Tree canopy is land shaded by trees. Less tree canopy (fewer trees) = **Increased** exposure to extreme heat

% of Land with Tree Canopy

2%

3% **NL** white

Latino neighborhoods

neighborhoods

Impervious Surfaces



Impervious surfaces are water-resistant surfaces such as concrete, asphalt, and

More impervious surfaces (like paved roads) = Increased exposure to extreme

% of Land with Impervious Surfaces

24%

Latino

neighborhoods

NL neighborhoods

32%

Older Housing Units



Older housing units are homes built before 1970 that often have poor insulation and inefficient HVAC systems. More older homes = Increased exposure

to extreme heat

% of Older Housing Units

33%

24%

Latino neighborhoods

NL neighborhoods

Vulnerable Groups

Age

Children and older adults are at higher risk for heat-related illnesses.

33% 10% ages 0-18 ages 65+

Latino neighborhoods

25% 10% ages 0-18 ages 65+

NL neighborhoods

Workers in Heat-Exposed Industries

Industries with the highest exposure to extreme heat include agriculture, construction, waste management, and warehousing. Jobs in these sectors carry increased risks of heat-related illnesses such as heat stroke, dehydration, chronic heat stress, and even premature death.

% of Workers in Heat-Exposed Industries

43%

22%

Latino neighborhoods

NL neighborhoods

Health

Extreme heat poses serious health risks, especially for people with conditions like heart disease, asthma, diabetes, and obesity. These individuals are more vulnerable because heat places extra stress on the body, worsening symptoms and increasing the risk of medical emergencies.

% of Adults (18+) with Pre-Existing Conditions

14%

Latino neighborhoods neighborhoods

Diabetes

39% Latino

neighborhoods neighborhoods

Obesity

Emergency Department Visits (per 10,000 people)

23

Latino neighborhoods neighborhoods

Heart Attacks

89 Latino

neighborhoods neighborhoods

Asthma Attacks

Heat-Related Emergency Department Visits

Heat-related emergency room visits

serve as a critical indicator of a

neighborhood's vulnerability to extreme temperatures

and the effectiveness of its heat mitigation

strategies.

per 10,000 people

Latino neighborhoods

NL neighborhoods

Disadvantaged Communities

The CA Environmental Protection Agency defines disadvantaged communities based on their environmental pollution burden and population characteristics. Under Senate Bill 535, revenue from CA's Cap-and-Trade Program is partly directed toward these communities through the CA Climate Investments program to reduce pollution, enhance climate resilience, and improve health and economic well-being.

% of Disadvantaged Communities

75%

42%

Latino

NL

neighborhoods

neighborhoods