



**CLIMATE EMERGENCY
MOBILIZATION OFFICE**
CHIEF HEAT OFFICER



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Board of Public Works, City of Los Angeles



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Today, I will focus on social infrastructure as part of Heat Action Plans, Early Warning Systems, and Preparedness, and how there is an overlap between Climate Resilience, Public Safety, and Health and Equity in the role of Chief Heat Officer (CHO) and in our Heat Action Plans.

Our City has been and will be **investing in 3 types of infrastructure for Heat/Climate Resilience:**

- 1)** Our shared public infrastructure, such as open space, tree canopy, open permeable surfaces, recycled water, electrified fleets and trucks, permeable roads and creating a multi-modal electrified mobility network, and more shade for the first and last mile.
- 2)** Our built environment, which we can improve with building and home electrification, with our new building decarb policy, and cool roofs, heat pumps, passive cooling, nature-based solutions, and green energy, and well-designed shade structures and bus shelters.
- 3) The social infrastructure and social cohesion, through mobilizing our heat risk prevention information,** improving the deployment of targeted, equitable disaster response, and expansion of cooling/resilience centers. Our most successful cooling/resilience centers have strong civic communications, activities, resources, and programs for the community, and are there year round. Our libraries, family resource centers, Peace and Healing centers, and senior centers are all good examples of this network.



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EJ-based Climate/Extreme Heat Solutions & Policy

A Great Divide: L.A. Equity Index
Mapping existing disparities and barriers to opportunity in the City of Angels

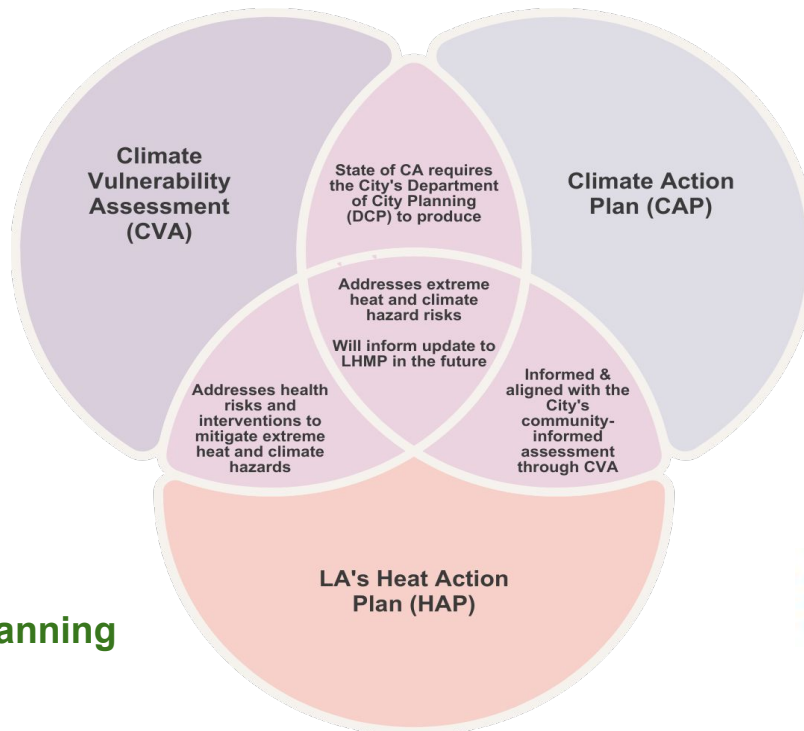
JUSTICE40

A WHOLE-OF-GOVERNMENT INITIATIVE

ENVIRONMENTAL JUSTICE

Shade equity

Infrastructure metrics & planning



CalEnviroScreen 4.0

Green Space Metrics

Health disparities



Climate and Economic Justice
Screening Tool

CLIMATE EQUITY METRICS AND INTEGRATED CITY PLANNING



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Heat Campaigns are Key to a Heat Action Plan

- In LA, it will leverage the Heat Relief 4 LA Network (over 75 organizations) and our tool kit to provide Angelenos with heat safety/awareness and prevent harm.
- To provide access to City resources that will help us adapt to heat seasons such as: bus shelters, shade structures, open space, trees, and hydration stations, and more cooling centers throughout the City during heat waves.
- To create a stronger Early Notification System by improving awareness of everyday people, and to share EMD's NotifyLA and protocols with Resilience Hubs not funded by the City of LA.



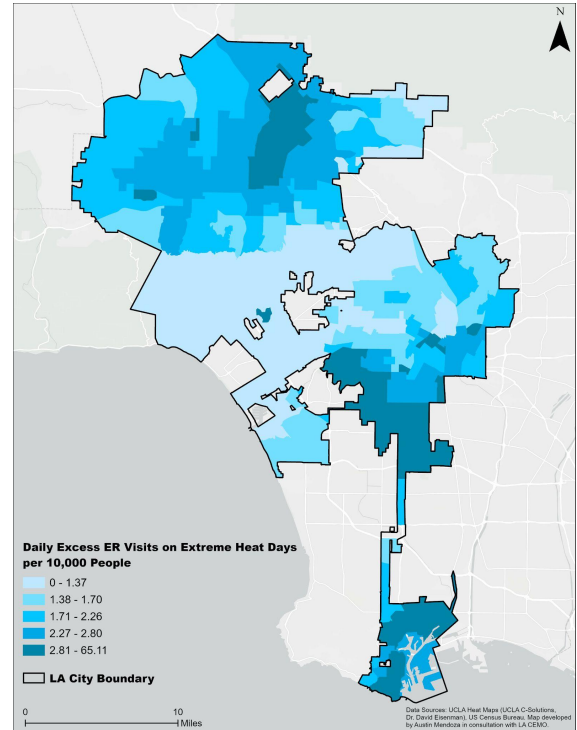
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Extreme Heat: Excess ER Visits & Deaths

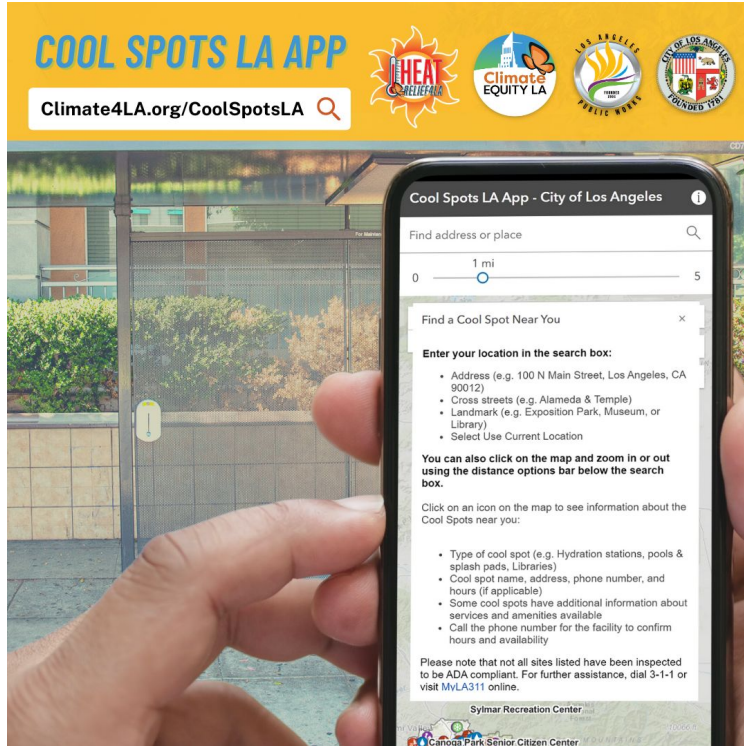
Shows that census tracts in the San Fernando Valley, South Los Angeles, and the South Bay that experience the highest rate of excess ER visits correlated with heat waves over the last 10 years. These are also historically redlined areas and disinvested regions of LA. No coincidence that where we lack shade, open space, and infrastructure investments is where we have greatest death rates and ER rates during Heat Season.

The ER visit data was pulled from the [UCLA Heat Map](#).





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Heat Relief 4 LA Social Media Campaign

Timeline

The Heat Season is from mid-June to mid-November, and it is expected to be even hotter this summer than last year. The Heat Relief 4 LA social media campaign is scheduled for the next 20 weeks to build public awareness throughout the Heat Season.

Start Date: Week of June 14, 2023

End Date: Week of October 25, 2023



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Heat Relief 4 LA Social Media Campaign

Weekly Topics

<p>June 14, 2023</p> <p>Week 1: Planning for heat waves and heat season</p>	<p>July 19, 2023</p> <p>Week 6: Staying Cool with Shade & Water</p>
<p>June 21, 2023</p> <p>Week 2: Know the Symptoms</p>	<p>July 26, 2023</p> <p>Week 7: Mental Health, Chronic Illness & Heat</p>
<p>June 28, 2023</p> <p>Week 3: Heat Safety for Outdoor Workers</p>	<p>August 2, 2023</p> <p>Week 8: Auto Heat Tips</p>
<p>July 5, 2023</p> <p>Week 4: Communities at Risk for Heat Injury</p>	<p>August 9, 2023</p> <p>Week 9: Tips to Stay Cool & Hydrate</p>
<p>July 12, 2023</p> <p>Week 5: Pet heat relief & illness prevention</p>	<p>August 16, 2023</p> <p>Week 10: Heat Season & Climate Change Awareness</p>



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**PREPARE AND PROTECT YOURSELF FOR
HEAT SEASON**

Heatwaves are longer, more frequent, and more dangerous to your health!

Who is Most at Risk?

- Outdoor workers
- People who are active outdoors
- Infants and children, pregnant women, elders
- People with chronic illness, such as asthma, heart disease, and diabetes
- Pollution-burdened areas experience excess hospitalizations and deaths (UCLA Heat Maps)

Heat Check! What can you do to prepare?

STAY COOL & HYDRATED

- If you feel too hot, go somewhere cool and rest, like a cooling center.
- Wear light-colored, lightweight clothing that breathes.
- Take cool showers.
- Avoid direct sunlight and limit caffeine.
- Drink more water and carry a reusable water bottle.

LISTEN TO YOUR BODY

- Learn the warning signs of heat illness: heavy sweating, clammy skin, cramps, tiredness, dizziness, headaches, nausea, confusion, high body temperature.
- If you experience these symptoms and suspect heat stroke, call 911 and seek medical attention immediately.

STAY INFORMED

- Check local news and weather reports.
- Prepare, plan, and practice heat safety.
- Create a buddy system.
- Check on the elderly and anyone at risk.
- Sign up for EMD's NotifyLA: NotifyLA.org
- Check the Cool Spots LA App or call 311 for cooling resources: bit.ly/CoolSpotsLA
- Visit our website: Climate4LA.org/heat

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SCAN HERE FOR MORE INFORMATION

Join the Heat Relief 4 LA Network:

Climate4LA.org/HeatRelief4LAPartners

Download our Heat Relief Resource Poster:

Climate4LA.org/HeatReliefPoster

Learn more at our website:

Climate4LA.org/heat

Sign up for our June 29 virtual event:

Climate4LA.org/CELA-June29



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Questions?

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