2030 Target Scoping Plan Update:
Public Health Analysis

Climate Change & Health Equity

Image: NOAA.gov

Image: drought.ca.gov

Image: CA Energy Commission

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Office of Health Equity
California Department of Public Health

CDPH California Department Of PublicHealth

Graphic: Saskatoon Health Region

Equality

Everyone has the same

Equity

Everyone has what they need

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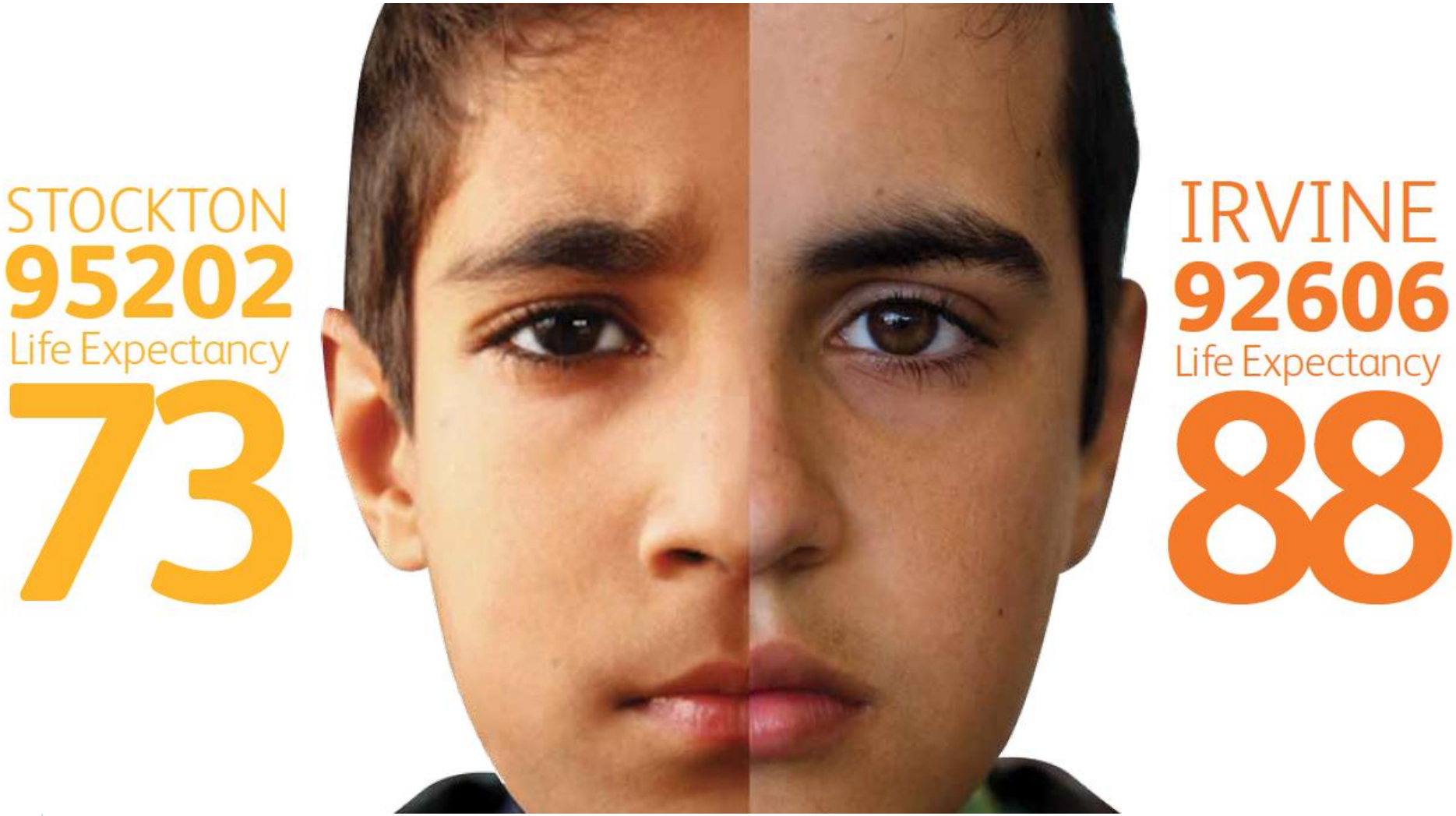
Health Inequities



Source: The California Endowment / www.calendow.org

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Addressing the Causes of the Causes

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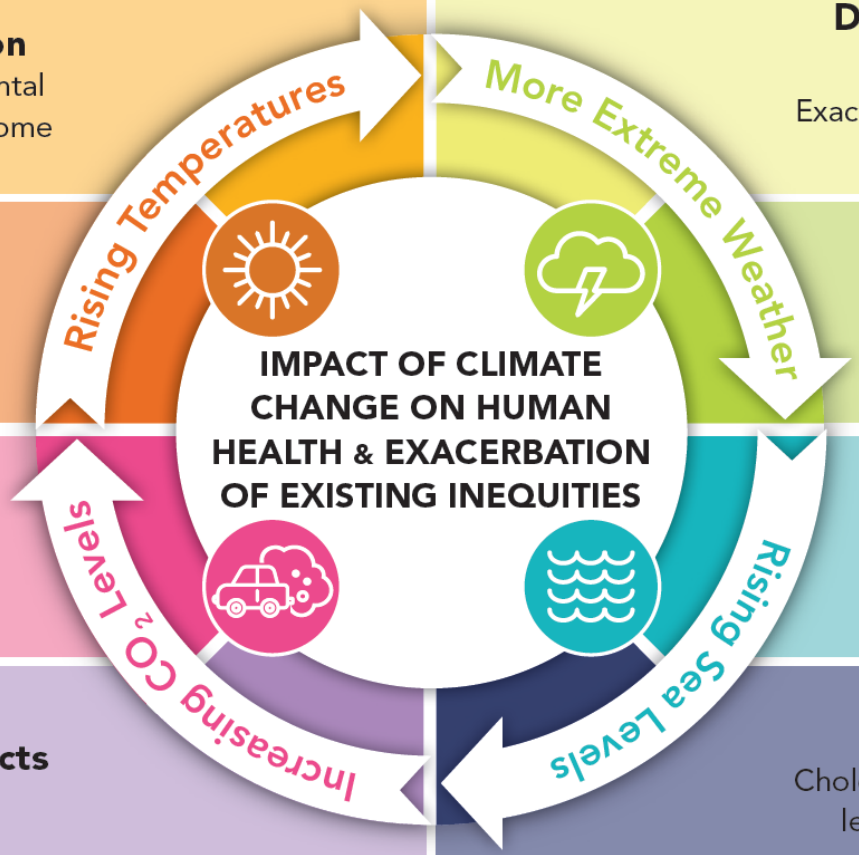
Human Health Impacts of Climate Change

Environmental Degradation
Forced migration, civil conflict, mental health impacts, loss of jobs and income

Degraded Living Conditions & Social Inequities
Exacerbation of existing social and health inequities, and vulnerabilities

Extreme Heat
Heat-related illness and death, cardiovascular failure

Changes In Vector Ecology
Malaria, dengue, encephalitis, hantavirus, Rift Valley fever, Lyme disease, chikungunya, West Nile virus



Severe Weather
Injuries, fatalities, loss of homes, mental health impacts

Air Pollution & Increasing Allergens
Asthma, cardiovascular disease, respiratory allergies

Water & Food Supply Impacts
Malnutrition, diarrheal disease

Water Quality Impacts
Cholera, crytosporidiosis, Campylobacter, leptospirosis, harmful algal blooms

Adapted from CDC, J. Patz

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Climate Change & Health Inequities

- Climate change will impact all people, but **the most vulnerable will suffer the most**
- Climate change will **magnify existing health inequities**
- Climate change is a threat multiplier, amplifying existing risks

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Achieving Health Equity through Climate Action

Photo: Huduser.gov/Credit: Dave Adams

"Tackling climate change could be the **greatest global health opportunity** of the 21st century"

- The Lancet Commission on Health & Climate Change, 2015

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Achieving Health Equity through Climate Action

Photo: Huduser.gov/Credit: Dave Adams

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Climate Mitigation Policy Priorities – Health & Equity Co-Benefits:

- Promote **active transportation**
- Prioritize **infill and transit-oriented development** and *include necessary anti-displacement measures*
- Encourage **local food systems** and **healthy diets**
- Green the built environment – provide access to **trees, parks, and green spaces**
- Create **healthy, energy-efficient, and sustainable homes, schools, and buildings**

Climate Mitigation Policy Priorities – Health & Equity Co-Benefits:

- Direct our climate investments to **promote economic development and health equity**
- Prioritize **jobs creation and employment training for local residents**
- Work towards **income equality**
- Reduce **poverty**
- Provide **stable, permanent, living-wage jobs**

Public Discussion

Questions to Consider:

- What are some of the health and equity impacts you are experiencing in your communities?
- What are some barriers to advancing health and equity in your communities?
- How can we address these impacts through climate action in your communities?
- How can the State support your efforts in promoting health and equity while addressing climate change?

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