2030 Target Scoping Plan Update: Public Health Analysis

Climate Change & Health Equity

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Office of Health Equity
California Department of Public Health
Everyone has what they need

**Equity**
Everyone has what they need

**Equality**
Everyone has the same
Health Inequities

STOCKTON 95202
Life Expectancy
73

IRVINE 92606
Life Expectancy
88

Source: The California Endowment / www.calendow.org
Addressing the Causes of the Causes
Human Health Impacts of Climate Change

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

Extreme Heat
Heat-related illness and death, cardiovascular failure

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

Water & Food Supply Impacts
Malnutrition, diarrheal disease

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

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

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

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

IMPACT OF CLIMATE CHANGE ON HUMAN HEALTH & EXACERBATION OF EXISTING INEQUITIES

Adapted from CDC, J. Patz
• 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
“Tackling climate change could be the greatest global health opportunity of the 21st century”

- The Lancet Commission on Health & Climate Change, 2015
Achieving Health Equity through Climate Action
Achieving Health Equity through Climate Action

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
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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