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 the same

Equality

Everyone has what they need

Equity

Graphic: Saskatoon Health Region
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

Adapted from CDC, J. Patz
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
“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

Photo: Huduser.gov/Credit: Dave Adams

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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
Achieving Health Equity through Climate Action

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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