

CLIMATE AND HEALTH IN OUR COMMUNITY

A changing climate is creating new and expanding health impacts in our community. We can work together now to prepare for these health effects, and to protect the people who are most vulnerable

How Climate Is Affecting Health

As the Earth heats up, and more water evaporates from lakes and oceans into the air, we are experiencing changes to our weather and climate. These changes are affecting people's health in four major ways:



Affecting Health Directly

More and longer heat waves, more extreme weather events, and more air pollution can create injury, displacement, and death, as well as aggravate chronic conditions.



Spreading of Disease

Changing weather patterns allow disease-bearing insects and rodents to multiply and expand their range. Heavy downpours can spread contamination in food and water.



Destroying and Disrupting Food Supplies

Extreme weather can kill crops and livestock, and disrupt food supplies by damaging infrastructure or slowing food shipments.



Disrupting Well-Being

Living through natural disasters can affect mental health. Uncertainty about physical safety, economic security, and the future can cause anxiety and depression.

Who is Most at Risk?

Climate change can affect the health of anyone in our community. Some people face greater risk, including:

- Children
- Student Athletes
- Pregnant Women
- Older Adults
- People with Chronic Illnesses and Allergies
- People Who Are Disabled
- People Living in Poverty

There Is Much We Can Do

Our community is developing a coordinated response through the Building Resilience Against Climate Effects (BRACE) framework. This five-step process for climate adaptation has been developed by the Centers for Disease Control and Prevention.

BRACE | Building Resilience Against Climate Effects

1

Anticipate Climate Impacts and Assess Vulnerabilities

2

Project the Disease Burden

3

Assess Public Health Interventions

4

Develop and Implement a Climate and Health Adaptation Plan

5

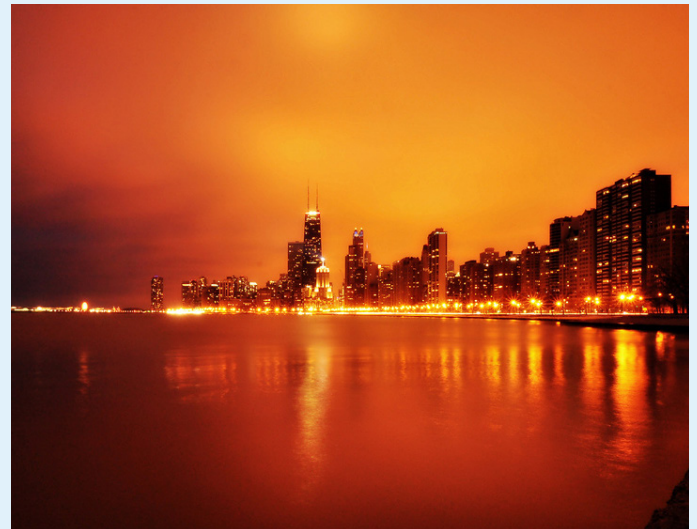
Evaluate Impact and Improve Quality of Activities

Case Study Headline [Two-To-Five Word Summary Of Action]

Problem: [Using Plain Language, identify health mechanisms and impacts (i.e. air pollution/increased asthma), locations impacted, and at-risk and vulnerable populations]

Approach: [Using Plain Language, explain steps followed to assess health impacts, identify vulnerable populations, evaluate solutions, engage partners, and implement response systems]

Results: [Using Plain Language, describe resulting programs, services, resources, or plans implemented in response to health harm and mention of any success stories if applicable]



Contact Us

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Centers for Disease Control and Prevention
National Center for Environmental Health

CLIMATE-READY STATES AND CITIES INITIATIVE
cdc.gov/climateandhealth

Communities are developing a coordinated response to health risks by using CDC's Building Resilience Against Climate Effects (BRACE) framework, a five-step process for climate adaptation.