



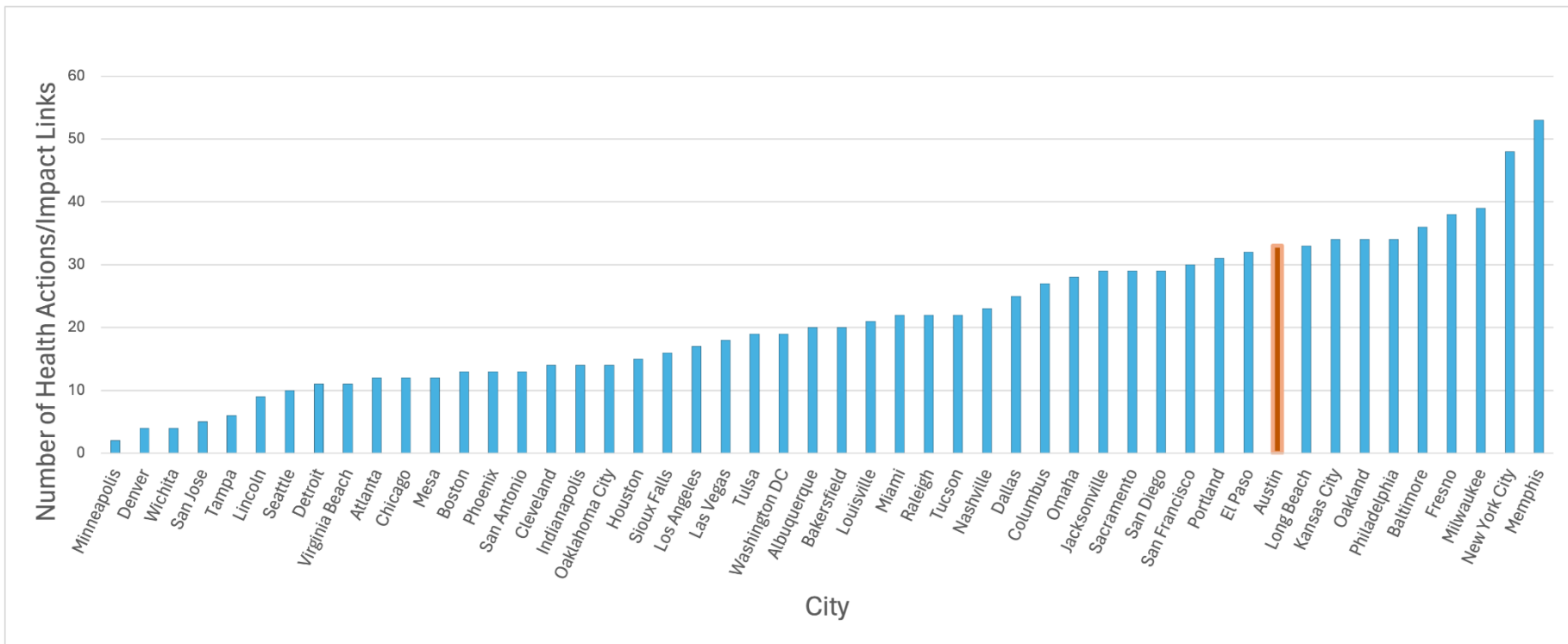
DR. DAVID EATON

Bess Harris Jones Centennial Professor of Natural Resource Policy Studies
The University of Texas at Austin

What are the health benefits of Austin's climate plans?



Integration of Health Co-benefits in Urban Climate Plans



Austin's Approach to Health and Other Co-Benefits

Equity Icons

AUSTIN CLIMATE EQUITY PLAN



Health



Affordability



Accessibility



Just Transition



Cultural Preservation



Community Capacity



Accountability

Theme 1: Health Strategy improves health (physical and mental) outcomes for low-income communities and communities of color. The strategy upholds the fundamental human right to clean, healthy, and adequate air, water, land, food, education, transportation, safety, and housing.

Does the proposed action reduce air pollution (Ozone, VOC, NOx, etc.) and reduce asthma and other respiratory-related hospital visits?

Does the proposed action extend expected longevity and/or quality of life for populations experiencing health disparities?

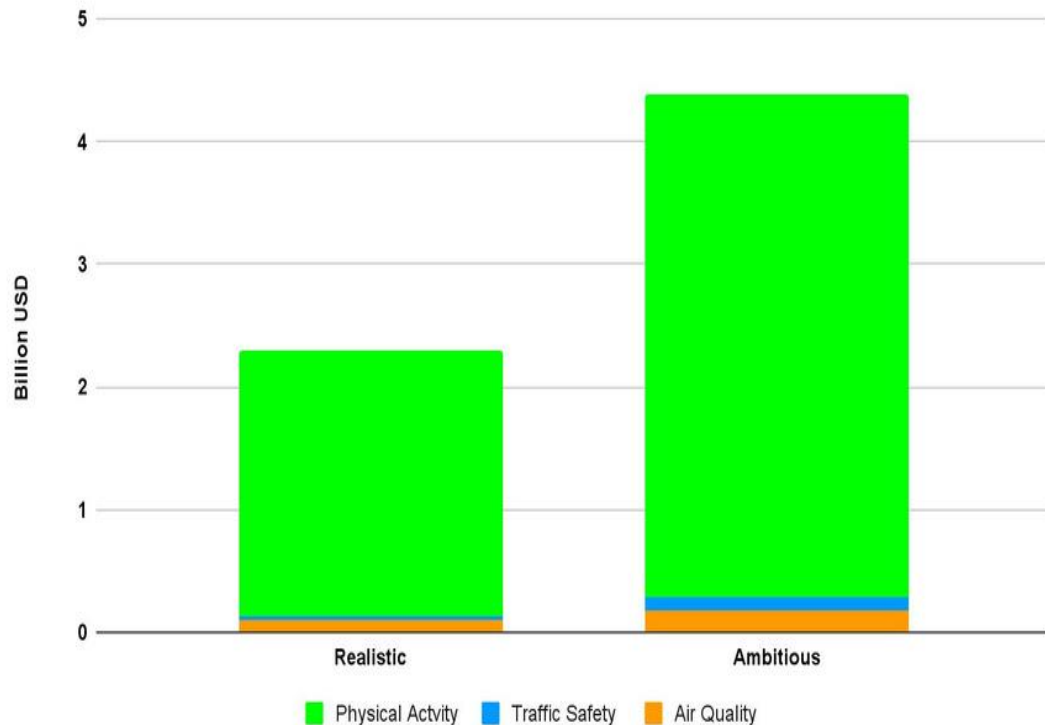
Does the proposed action reduce stress, anxiety, and depression, i.e., improve mental health?

Does the proposed action help restore or protect ecosystem health (air, land, water, soil)?

Overall response to these questions with justification:

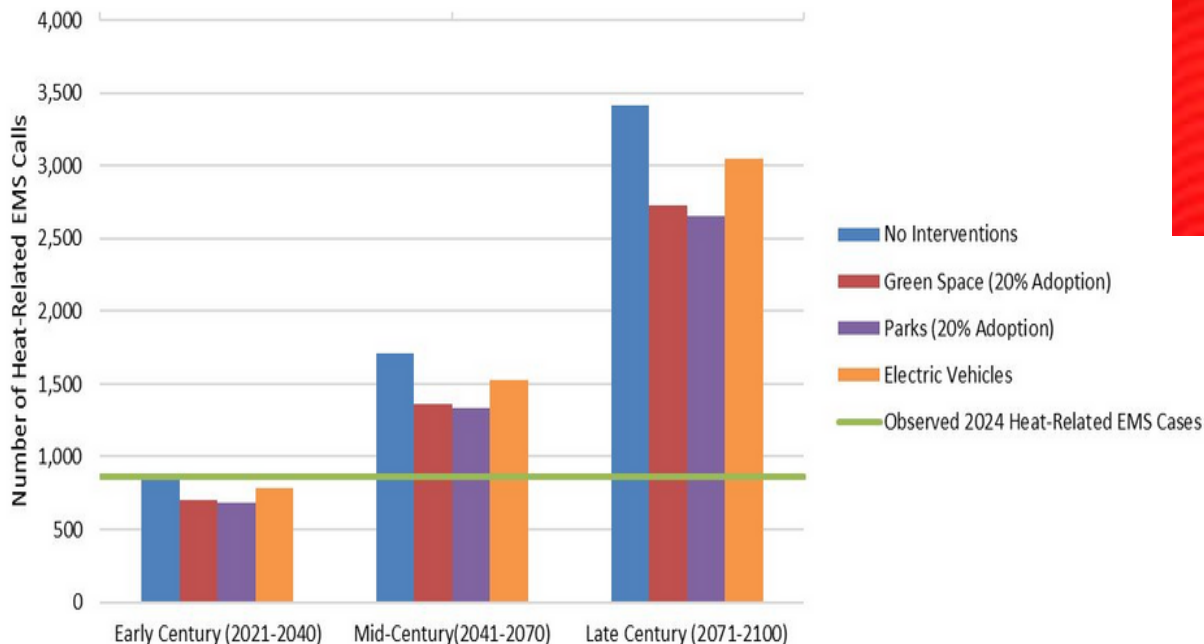
	Impact		
	Harm -1	Neutral or N/A	Benefit +1
Does the proposed action reduce air pollution (Ozone, VOC, NOx, etc.) and reduce asthma and other respiratory-related hospital visits?			
Does the proposed action extend expected longevity and/or quality of life for populations experiencing health disparities?			
Does the proposed action reduce stress, anxiety, and depression, i.e., improve mental health?			
Does the proposed action help restore or protect ecosystem health (air, land, water, soil)?			

The Health Benefits from Transport Policies in Austin's Climate Plan



What are the health benefits of building resilience and addressing extreme heat?

High Emissions: Projected Heat-Related EMS Calls per Summer



Key Messages

- **Like many US cities, Austin has illustrated the health benefits of its climate plans**
- **A more systematic assessment of these benefits could build support for implementing the city's climate plan**
- **For instance, Austin could save more than 2 billion dollars from transport policies that promote greater physical activity by 2040**
- **The city could also save more than 9,000 US dollars a day from building resilience to extreme heat**
- **Significant potential exists for Japanese and US cities to learn from each other in integrating climate and health**