

BEAT THE HEAT HUNTING PARK VENZLAEL CALOR

A Guided Conversations about Climate Change in Philadelphia

What is #BeatTheHeat?

On June 25, The Office of Sustainability and its partners [kicked off](#) the Beat the Heat pilot project in Hunting Park.

The Beat the Heat project was designed to educate and inform the community about the issue of extreme heat in order to create short and long term solutions.



Discussion Questions:



1. What does sustainability mean to you?
2. What do people need to survive?
3. What do people need to thrive?
4. How is thriving different from surviving?

What is Sustainability?

The Philadelphia Office of Sustainability is responsible for implementing Greenworks, Philadelphia's plan for a more sustainable future.

In Greenworks, sustainability is defined by eight visions.

To learn more about Greenworks, check out Phila.gov/green



 <p>VISION 1</p>	All Philadelphians have access to healthy, affordable, and sustainable food and drinking water	 <p>VISION 2</p>	All Philadelphians breathe healthy air inside and outside
 <p>VISION 3</p>	All Philadelphians efficiently use clean energy that they can afford	 <p>VISION 4</p>	All Philadelphians are prepared for climate change and reduce carbon pollution
 <p>VISION 5</p>	All Philadelphians benefit from parks, trees, storm-water management, and healthy waterways	 <p>VISION 6</p>	All Philadelphians have access to safe, affordable, and low-carbon transportation
 <p>VISION 7</p>	All Philadelphians waste less and keep our neighborhoods clean	 <p>VISION 8</p>	All Philadelphians benefit from sustainability education, employment, and business opportunities

Sustainability = People & Planet

- **Equity**

Improve quality of life for all

- **Health**

Avoid negative health impacts

- **Environment**

Improve natural and built environments

- **Economic**

Create business and employment opportunities

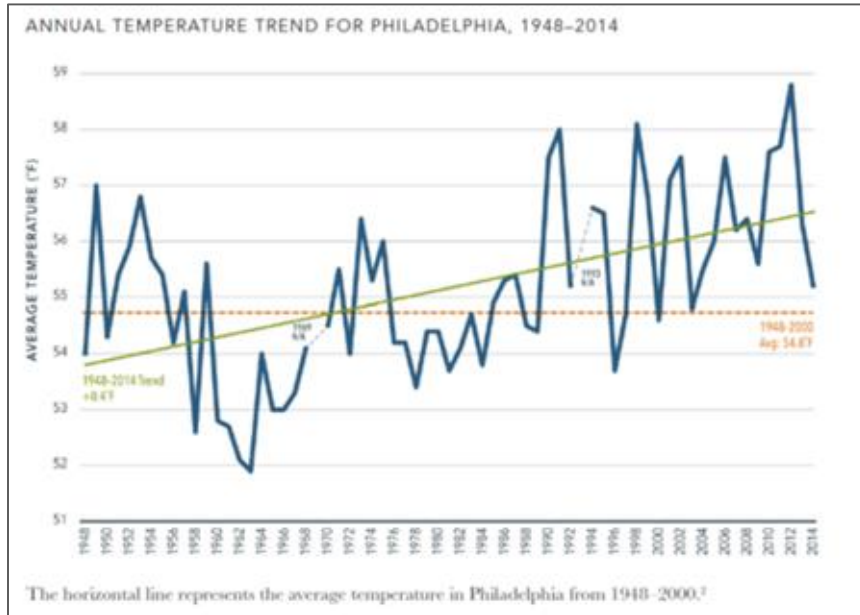


Discussion Questions:



5. What are some environmental issues you care about?
6. How do you think climate change will impact Philadelphia?

A Hotter and Wetter Philadelphia



Since 2010, Philadelphia has experienced the three **hottest** summers and the most days **over 90 degrees** on record.

There could be as many as **52 days over 95 degrees** by the end of the century.

Discussion Questions:

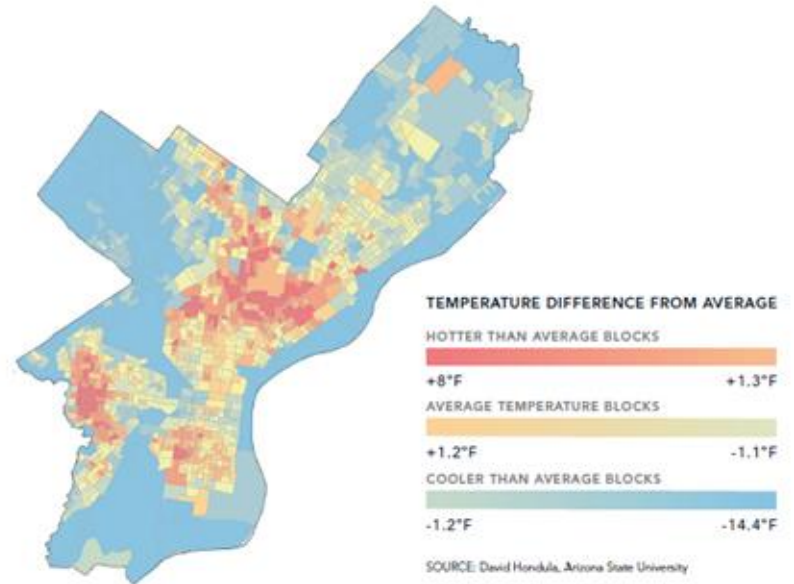


7. Is every neighborhood in Philadelphia the same temperature?
8. What might make one neighborhood hotter than the other?

Differences in Surface Temperature

Some Philadelphia neighborhoods can get up to 22 degrees hotter than others.

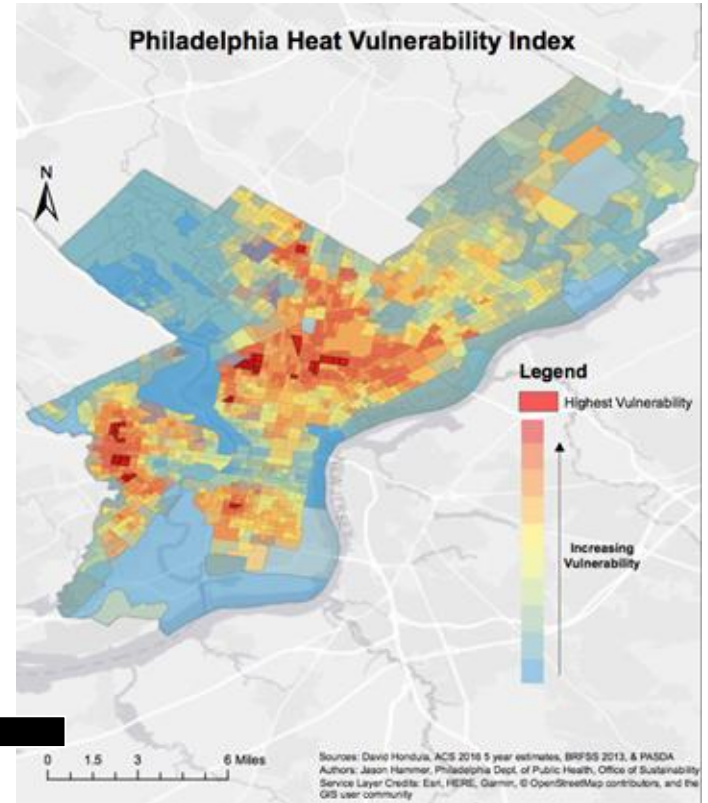
This is because of differences in the **built environment** (like trees, green space, and surface materials) as well as patterns in **Zoning and Development** (traffic congestion, paved surfaces, building density, and the presence of industry).



Differences in Heat Vulnerability

- Extreme heat is concentrated in North, West, and South Philadelphia.
- The most vulnerable neighborhoods have high rates of asthma and other chronic illnesses, low income, elderly and youth populations, and people who live alone.

To find out how your neighborhood is impacted by extreme heat, check out bit.ly/HeatMapPHL



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Thanks for viewing! This presentation is part of the Neighborhood Heat Toolkit. Please contact Sustainability@phila.gov for more information.