

**As Wisconsin heats up,
how can we make sure our families,
neighbors and communities
keep safe and cool?**

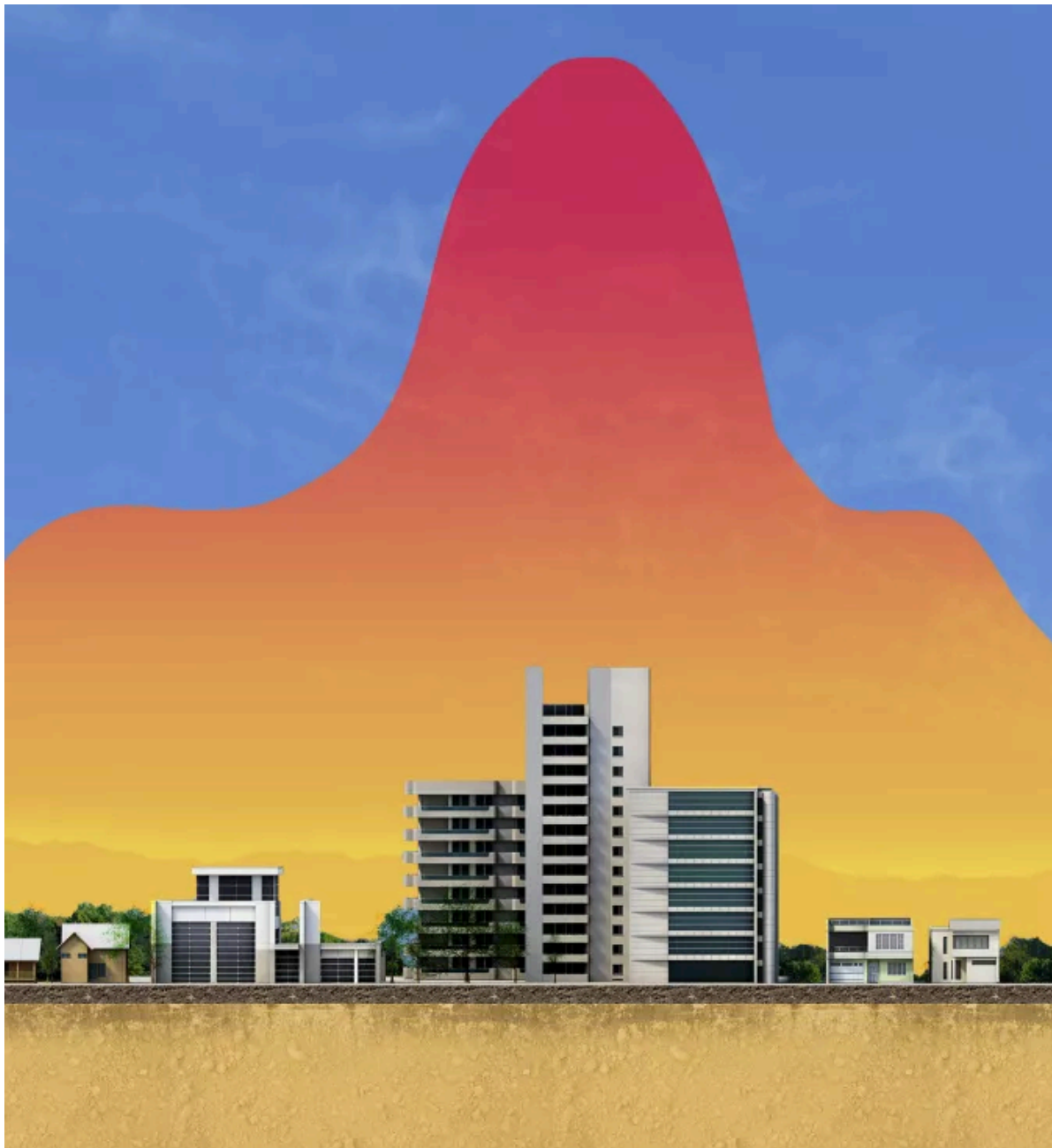
Help us keep communities safe during extreme heat

Madison and Dane County want to design a new program with you so that residents are safe and cool during extreme heat events

We will first show how extreme heat and climate change is impacting Wisconsin.

Then, we want to hear how extreme heat impacts you and your neighborhood, and what the City of Madison and Dane County can do to address this

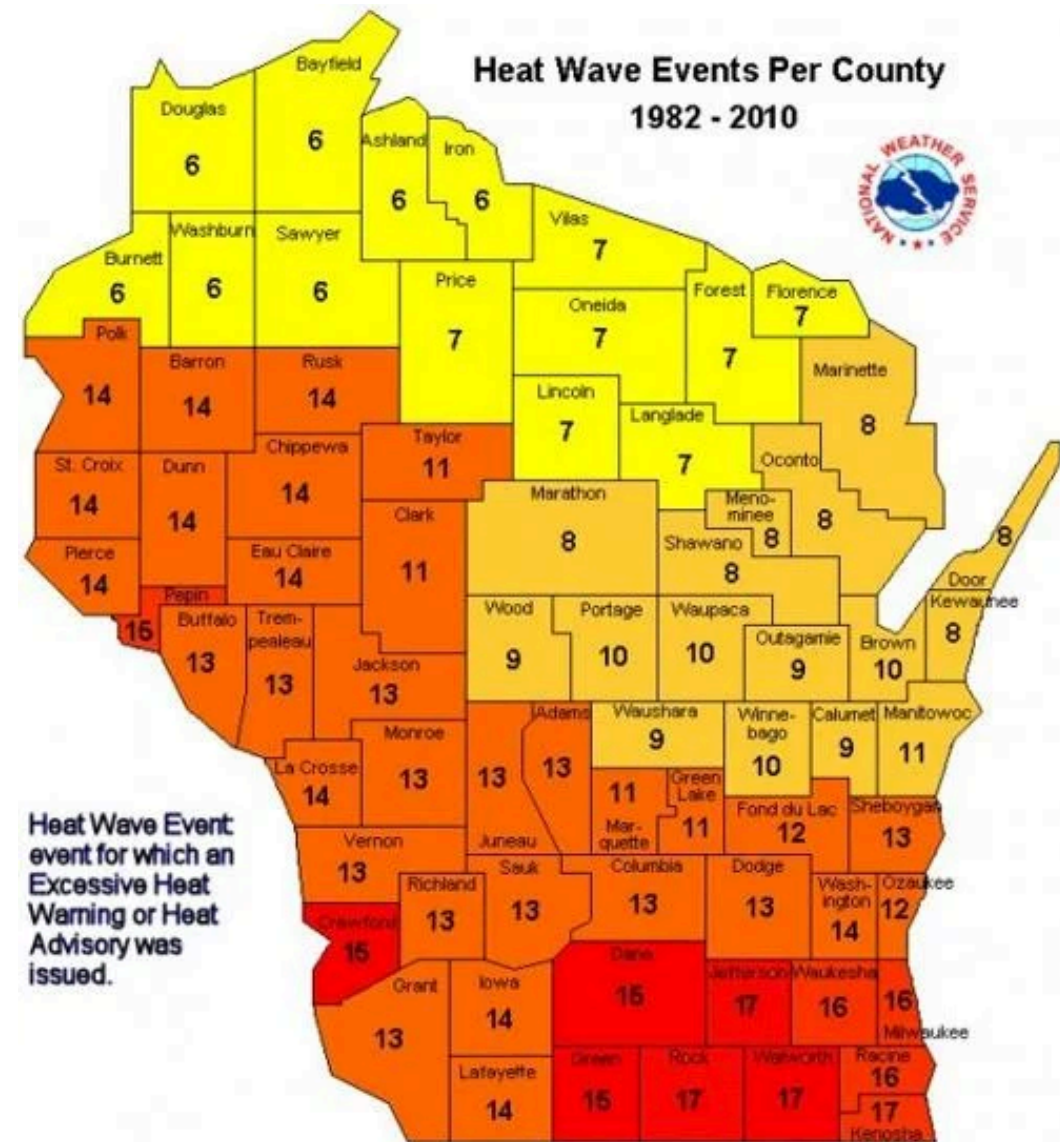
Climate change makes cities hotter



- **Scientists agree: the Earth has warmed in the past 50-100 years due to human activities, like burning fossil fuels**
- **Urban areas experience higher temperatures than rural or suburban neighborhoods**
- **Heat-related illness and death are the most dangerous weather-related public health crisis in the U.S.**

Wisconsin is heating up, too

- **Extreme heat increases ozone levels, impacting our health, especially people with respiratory and cardiac conditions**
- **Deaths from heat stroke, cardiac arrest, respiratory diseases, strokes increase in hotter weather**
- **From 2010-2014, Dane County had a 47% increase in heat-related emergency room visits**
- **In Dane County, days over 100°F will double in the next 30 years**



Not everyone experiences heat the same way

Those at greatest risk include people:

- **In lower income and more densely populated urban neighborhoods**
- **Who are very old or very young**
- **With alcohol and drug dependencies**
- **Who are obese or take certain medications**
- **Who live and work alone**
- **Who work outside, like farmers, roofers or landscapers**



There are ways to reduce heat risks



- **Improve heat-health warning systems**
- **Create air conditioned public cooling centers**
- **Create heat health task forces to make sure our neighbors are safe during extreme events**
- **Increase tree cover and shade structures**
- **Implement new technology for rooftops and buildings that can cool urban areas**
- **Weatherize your home, improve energy efficiency**
- **Demand better working conditions**

What is possible? Using California's state action plan as an example

The state of California has used public input to create a plan that addresses extreme heat. It includes:

- **Implementing a statewide public health monitoring system**
- **Installing cooling stations in schools**
- **Expanding tree canopy in low income neighborhoods**
- **Providing training to prevent extreme heat illness**
- **Increasing public awareness of heat-related health risks**



Plan in Action: 99 Calor Campaign

Heat illness prevention training is required for all outdoor workers, which includes:

- **Access to fresh water**
- **Preventative cool-down rest in the shade, allowed any time**
- **Access to shade must be provided any time temperature is over 80 degrees**
- **Required training on heat illness prevention**
- **Company must develop and implement written plan, accessible to all**



How can we keep our Dane County neighbors cool and safe during extreme heat?

Thinking back to the summer:

- 1. What is your experience with extreme heat? Have you ever felt dizzy or dehydrated on hot days?**
- 2. Is extreme heat in Dane County something you think or worry about?**
- 3. Does heat impact you or someone you know's job?**
- 4. If you wanted to find information about what to do on extremely hot days, where would you look?**