

KEY								
Type of Vulnerability								
Agriculture	Buildings	Business, Recreation Tourism	Ecosystems	Emergency Preparedness and Response	Energy	Health	Land Use Planning	Water
		\$						
Severity of Vulnerability								
		Somewhat problematic						
		Extremely problematic						

Smoke and Health Goals and Vulnerabilities Addressed			
<b>Goal 1: Improve indoor air quality in homes during wildfire smoke events.</b>			
	<b>B10</b>		Buildings do not adequately keep smoke out
\$	<b>T9</b>		Reduced employee health and wellness due to wildfire smoke
	<b>R3</b>		Need for evacuations and places to shelter evacuees (smoke)
	<b>R7</b>		Increased draw on resources due to smoke
	<b>H14</b>		Increased incidence of respiratory and cardiovascular problems due to smoke
	<b>H15</b>		Declining health for chronically ill
	<b>H18</b>		Mental health impacts
	<b>H19</b>		Increased mortality due to cardiovascular and respiratory stressors

	H20		Increased healthcare costs
	H21		Destabilization of people with mental health issues associated with smoke
<b>Goal 2: Improve indoor air quality in (and access to) public and commercial buildings during wildfire smoke and heat events.</b>			
	B10		Buildings do not adequately keep smoke out
	T9		Reduced employee health and wellness due to wildfire smoke
	R3		Need for evacuations and places to shelter evacuees (smoke)
	R7		Increased draw on resources due to smoke
	H2		Difficult to exercise due to smoke, heat, wetter springs
	H14		Increased incidence of respiratory and cardiovascular problems due to smoke
	H15		Declining health for chronically ill
	H18		Mental health impacts
	H19		Increased mortality due to cardiovascular and respiratory stressors
	H20		Increased healthcare costs
	H21		Destabilization of people with mental health issues associated with smoke
<b>Goal 3: Improve health and safety of outdoor workers during heat and smoke events.</b>			
	B10		Buildings do not adequately keep smoke out
	T9		Reduced employee health and wellness due to wildfire smoke

	R3		Need for evacuations and places to shelter evacuees (smoke)
	R7		Increased draw on resources due to smoke
	H2		Difficult to exercise due to smoke, heat, wetter springs
	H14		Increased incidence of respiratory and cardiovascular problems due to smoke
	H15		Declining health for chronically ill
	H18		Mental health impacts
	H19		Increased mortality due to cardiovascular and respiratory stressors
	H20		Increased healthcare costs
	H21		Destabilization of people with mental health issues associated with smoke

**Goal 4: Increase awareness of physical health impacts of wildfire smoke.**

	T9		Reduced employee health and wellness due to wildfire smoke
	H2		Difficult to exercise due to smoke, heat, wetter springs
	H3		Inadequate capacity in healthcare system
	H14		Increased incidence of respiratory and cardiovascular problems due to smoke
	H15		Declining health for chronically ill
	H19		Increased mortality due to cardiovascular and respiratory stressors
	H20		Increased healthcare costs

<b>Goal 5: Increase awareness of mental health impacts of climate change.</b>			
	A13		Farmer mental health impacts
	T9		Reduced employee health and wellness due to wildfire smoke
	H18		Mental health impacts
	H20		Increased healthcare costs
	H21		Destabilization of people with mental health issues associated with smoke
<b>Goal 6: Increase healthcare system capacity to respond to wildfire smoke events, wildfires, floods, and other climate impacts.</b>			
	H3		Inadequate capacity in healthcare system
	H20		Increased healthcare costs
<b>Goal 7: Increase awareness of health impacts of heat.</b>			
	A6		Health impacts on farmers (heat)
	H2		Difficult to exercise due to smoke, heat, wetter springs
	H4		Social isolation due to heat
	H9		Lost sleep due to heat
	H11		Increased violence and substance abuse associated with heat and extreme conditions
	H12		Heat stress and increased cardiac health issues due to heat
	H18		Mental health impacts

## DRAFT Guiding Principles for Prioritizing and Implementing Climate Adaptation Actions

- **Collaborate and think holistically.** Climate change touches all aspects of our lives, requiring us to collaborate in new ways, to work across sectors and silos, and to think beyond our geographic boundaries.
- **Balance immediate and long-term needs.** When prioritizing actions, select a combination of easy, quick wins and critical but challenging longer-term initiatives.
- **Build on past work.** Recognize, value, and integrate prior and ongoing work. Don't reinvent the wheel.
- **Value natural processes.** Learn from nature and protect and restore naturally resilient ecological processes.
- **Draw on tradition and culture.** Honor cultural values and draw on traditional ecological knowledge through collaborative partnerships. The Confederated Salish and Kootenai Tribes are key partners, especially given that Missoula County falls within the ancestral homelands of these tribes.
- **Act with, not for.** Maximize transparency and inclusivity in planning and implementation. Empower people with knowledge and tools to participate and take ownership of climate resiliency actions.
- **Don't exacerbate the problem.** Adaptation actions should avoid increasing our contribution to climate change or undermining the ability of other sectors or regions to adapt. Prioritize actions that reduce our contribution to climate change while building resilience.
- **Prioritize equity.** Adaptation actions should not increase inequity. Prioritize actions that build resilience while focusing on underrepresented and vulnerable groups and increasing equity.
- **Use science.** Make decisions based on the best available science while explicitly considering uncertainty.
- **Innovate and adapt.** Monitor and evaluate actions to learn what's actually working. Experiment with emerging solutions, be creative, and maintain flexibility

as conditions change.

- **Focus on prevention.** When possible, prioritize actions aimed at avoiding problems rather than addressing them after they occur.