



BUSINESSES

How can **businesses** use the Clark County Climate Vulnerability Assessment?

The Clark County Climate Vulnerability Assessment (CVA) key findings can be used by the business community to understand the climate hazards that may result in financial or physical losses and to determine the best courses of action to safeguard their operations and employee health.

Climate Vulnerability Assessment:

A planning tool that identifies systems, people, and services that are vulnerable to climate hazards, as well as opportunities to enhance their near- and long-term resilience.

How Will Climate Change Impact the Region?

The CVA identifies the following climate hazards will impact Clark County:



EXTREME HEAT

The number of days over 115°F could increase by 10 times by the end of the century,¹ significantly impacting workers and leading to increased costs to operate.



DROUGHT

Drought is expected to continue to impact the region's water supply, which may negatively impact water-intensive industries and businesses.



WILDFIRE

As local and regional wildfires become more frequent and intense, smoke events and bad air quality days will significantly impact outdoor workers and business operations.



FLOODING

Precipitation is expected to fall in less frequent, but heavier, bursts, which may increase flash flood events that result in disruptions, loss of productivity, and impacts to transportation and supply chains.

¹ Clark County. (2021). Climate Summary for Clark County, Nevada. Prepared for Clark County by Kim Lundgren Associates, Inc. and Adaptation International.



Where Are Businesses Most at Risk?

Climate hazards will impact economic sectors including manufacturing, food systems, construction and other manual trades, tourism, and small businesses. The CVA identifies specific vulnerabilities the business community may face including:

RISKS		HEAT	DROUGHT	WILDFIRE	FLOODING
Increased Operational Costs	Increased energy usage for cooling	☀️			
	Resources/technology to meet water usage restrictions		💧		
Impacts to Workers	Impacts to outdoor workers	☀️		🔥	
	Impacts to those with preexisting health conditions	☀️		🔥	
Productivity Loss	Loss of work time	☀️		🔥	💧
	Disruption to operations	☀️		🔥	💧
Supply Chain Disruptions	Impact to supply of goods to businesses	☀️	💧	🔥	💧
	Increased costs for consumers	☀️	💧	🔥	💧
Business Closure	Physical damage			🔥	💧
	Decreased customer demand	☀️		🔥	

What Can Businesses Do To Take Action?

The CVA emphasizes the urgency of climate impacts and identifies opportunities to increase resilience. Businesses can increase their resilience with these actions:

- Implement measures that protect outdoor workers from extreme heat events and poor air quality resulting from wildfires and smoke events. For indoor work environments, equip buildings with adequate filtration systems.
- Provide worksite emergency preparedness training for employers and employees to proactively prepare for climate hazards.
- Identify opportunities to make the supply chain more climate resilient. For example, integrate additional supplier redundancies that reduces disruptions during an extreme event.
- Prepare for potential grid outages by completing the risk assessment checklist in the [Ready Business Power Outage Toolkit](#).¹

¹ Ready Business Power Outage Toolkit: https://www.ready.gov/sites/default/files/2020-04/ready_business_power-outage-toolkit.pdf

Example Action: Protecting Outdoor Workers

Outdoor workers face risks of health-related threats from extreme heat or regional smoke events. Employers should reduce workplace risks by implementing work practice controls (e.g., implementing an alert system, increasing recovery time spent in cool environment) and training to cover work-site conditions.

