

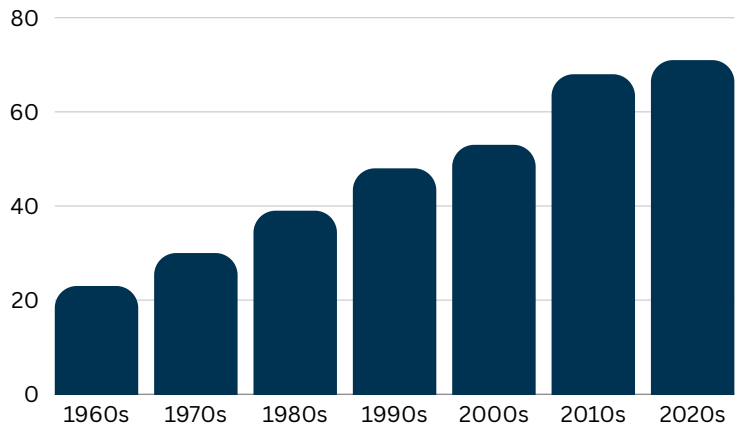
## 92 million

U.S. workers are impacted by heat stress<sup>1</sup>

The most heavily impacted industries include construction, agriculture, and logistics, all critical to our economy and way of life.



Compared to the 1960s, the average heat wave season is **49 days longer** and heat waves occur **3x more frequently**<sup>2</sup>



## Heat Stress Harms Workers & The Economy



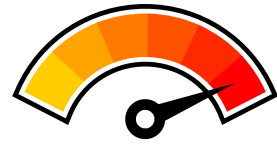
**170,000**  
Workers injured

Each year, 170,000 workers in the U.S. suffer injuries due to heat stress. As many as 2,000 die.<sup>3</sup>



**5x**  
Low-income impact

Low-income, minority workers are 5 times more likely to suffer from heat stress and illness.<sup>4</sup>



**\$100 Billion**  
Economic Impact

Each year, over \$100B of economic activity is lost due to extreme heat.<sup>5</sup>

## Proper PPE & Effective Management Save Lives



Workers wearing cooling PPE experience a decrease in heat related illness of up to 50%.<sup>6</sup>



Effective heat stress management programs can reduce incidences of heat related illness by 90%+, worker compensation costs by 50%.<sup>7</sup>



Reduction of worker compensation costs

**50%**



Reduction of heat stress illness

**90%**

## Key Elements of OSHA's Proposed Federal Heat Standard

## 36 million

Workers will be protected by the standard

- Heat injury & illness prevention plan
- Protective & preventive measures (hydration, breaks, shade, etc.)
- Training & worker acclimatization
- Applies to indoor & outdoor worksites

Triggered when employees are exposed to heat indexes of 80°F for 15+ minutes in any 60 minute period.



**A national heat stress standard is a crucial step towards protecting workers performing tasks mission-critical to our economy.**

### SOURCES

- 1 - ISEA <https://safetyequipment.org/industry-impact/>
- 2 - EPA <https://www.epa.gov/climate-indicators/climate-change-indicators-heat-waves>
- 3 & 4 - Public Citizen <https://www.citizen.org/article/hot-take/>
- 5 - Atlantic Council <https://www.atlanticcouncil.org/in-depth-research-reports/report/extreme-heat-the-economic-and-social-consequences-for-the-united-states/>
- 6 - Journal of Workplace Health & Safety <https://pubmed.ncbi.nlm.nih.gov/33357122/>
- 7 - Journal of Occupational Environmental Medicine <https://pubmed.ncbi.nlm.nih.gov/31274674/>