Health Impacts of Extreme Heat & Wildfire Smoke Guideline Checklist Health Plans Level 3



The current state of the issue

Exposure to extreme heat, or summertime temperatures that are much hotter and/or humid than average,0F0F[ii] is a serious threat to population health and well-being. 2024 was the warmest year on record, with global temperatures 2.30 degrees Fahrenheit (1.28 degrees Celsius) above the National Aeronautics and Space administration's (NASA) 20th century baseline.1F1F[iii] The number and length of heat waves has increased significantly since the 1960s.2F2F[iiii] These trends are projected to continue and worsen in the coming decades, exposing more people to the harmful consequences of heat. Higher air temperatures increase wildfire likelihood, posing a serious threat to human health, ecosystems, and infrastructure. Wildfire smoke exposure increases all-cause mortality, impacts respiratory health, and may co-occur and interact with heat exposure to impact cardiorespiratory morbidity and mortality.6F6F[iv]7F7F[v]8F8F[vi]9F9F[vii]

Incentives & Investments

Incent delivery systems to reduce the number of health-related illnesses and exacerbations of chronic conditions occurring during warmer months

Resources

- The Bree Report is meant to supplement these resources.
- Full Bree Report: https://www.qualityhealth.org/bree/wp-content/uploads/sites/8/2025/01/Draft-Guidelines-EHWS-24-0131-Final.pdf
- CHILL'D OUT Questionnaire: https://www.qualityhealth.org/bree/wp-content/uploads/sites/8/2025/02/CHILLD-Out-Questionnaire-H.pdf
- How to use the Heat Risk Tool and Air Quality Index: https://www.qualityhealth.org/bree/wp-content/uploads/sites/8/2025/02/How-to-use-the-HeatRisk-Tool-and-Air-Quality-Index-_-Heat-Health--CDC.pdf
- WA DOH Portable Air Cleanser: https://doh.wa.gov/community-and-environment/air-guality/indoor-air/portable-air-cleaners
- WA Air Quality Map: https://enviwa.ecology.wa.gov/mobile/

Read the full Bree Report on Health Impacts of Extreme Heat and Wildfire Smoke for online by scanning the QR code:



Connect with the Bree Collaborative at bree@qualityhealth.org

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