

Wildfire and Wildfire Smoke Guidance and Resources

Updated: 8/7/2025

General Disaster/Wildfire and Wildfire Smoke Response Resources

Federal and Partner Resources

- **CDC**
 - [Safety Guidelines: Wildfires and Wildfire Smoke](#) (Web Page) – This webpage contains general information on wildfire smoke, as well as information on guidance for sensitive subpopulations, such as pregnant women, children, those with asthma, etc.
- **EPA**
 - [Wildfires](#) (Web Page) – Includes a compilation of resources to prepare for and recover from a wildfire.
 - [Why Wildfire Smoke is a Health Concern](#) (Web Page) – Includes information on the health risks associated with wildfire smoke exposure.
 - [Wildfires and Indoor Air Quality](#) (Factsheet) – Includes various resources on wildfires and indoor air quality, includes strategies to improve air quality indoors. [This factsheet](#) includes QR codes to various resources.
 - [Smoke Ready Toolbox for Wildfires](#) (Web Page) – Contains resources for public health officials to help educate the public on smoke exposure risks and interventions they can take to protect their health.
- **AirNow**
 - [Wildfire Smoke Guide](#) (Web Page) – A guide for health officials around mitigating health impacts of wildfire smoke and communicating with the public.
 - [Fire and Smoke Map](#) (Dashboard) – An interactive map showing AQIs across the country.
- **National Interagency Fire Center**
 - [National Fire News](#) (Web Page) – Provides up-to-date information on wildfires occurring across the country.
- **National Weather Service**
 - [Fire Weather](#) (Web Page) – An interactive map that shows several advisories and alerts, including for air quality.
- **National Environmental Health Association**
 - [Wildfire Response: Guide for Environmental Public Health Professionals](#) (Guide) – Provides guidance for environmental health professionals on responding to wildfires.

State Resources

- **California Department of Public Health**
 - [Wildfire Smoke: Considerations for California's Public Health Officials](#) (Guide) – Contains information for public health officials on the impact of wildfire smoke on communities and potential mitigation tools.
- **Minnesota Department of Health**
 - [Wildfire Smoke](#) (Web Page) – Contains general information and guidance on reducing risk from exposure to wildfire smoke.
- **New Mexico Department of Health**

- [Fires, Smoke and Health](#) (Web Page) – Contains general information on reducing wildfires using the 5-3-1 visibility method
- **Oregon Health Authority**
 - [Wildfires and Smoke](#) (Web Page) – Contains general information and guidance on reducing risk from exposure to wildfire smoke.
 - [Wildfire Toolkit](#) (Spreadsheet) – Includes communication tools and templates.
- **Utah Department of Health**
 - [Air Quality Social Media Toolkit](#) (Toolkit) – Includes tools and templates for developing social media messaging for wildfires.
- **Virginia Department of Health**
 - [Wildfire Smoke](#) (Web Page) – Includes general information on wildfire smoke and how to stay protected.
- **Washington State Department of Health**
 - [Wildfire Smoke: Partner Toolkit](#) (Toolkit) – Contains risk communication resources and guidance for public health and other state and local officials related to wildfire smoke, including resources for schools.
 - [Smoke from Fires](#) (Web Page) – Contains frequently asked questions related to wildfire smoke, including who may be at increased risk, how to reduce exposure, and guidance on outdoor activities.

At-Risk Populations and Occupational Safety

Federal and Partner Resources

- **CDC**
 - [Wildfire Smoke and Children](#) (Web Page) – Includes information keeping children safe from wildfire smoke.
 - [Outdoor Workers: Wildland Fire Smoke](#) (Web Page) – Includes guidance for outdoor workers on how smoke can impact their health and protective actions to take.
 - [Wildfire Smoke and People with Chronic Conditions](#) (Web Page) – Provides guidance for individuals with chronic conditions on reducing risk from wildfire smoke.
 - [Wildfire Smoke Exposure Poses Threat to At-Risk Populations](#) (Web Page) – This CDC Health Alert Network Health Advisory provides guidance for clinicians seeing patients impacted by wildfire smoke.
 - [Center for Firefighter Safety, Health, and Well-Being](#) (Web Page) – Provides a compilation of resources for firefighters.
- **EPA**
 - [Be Smart, Protect Your Heart from Air Pollution Video](#) (Video) – A YouTube video that provides information on staying safe for those with heart disease.

Additional Resources

- **Western States Pediatric Environmental Health Specialty Units**
 - [Masks to Protect from Wildfire Smoke During Pregnancy or Early Child Years](#) (Web Page) – Provides information on mask usage for children and during pregnancy.

Masking and Indoor Ventilation Guidance

Federal and Partner Resources

- **CDC**
 - [Community Respirators and Masks](#) (Web Page) – Shares guidance on how masks can be helpful in reducing exposure to air particulates and how to wear them effectively.

- **(UPDATED – 8/7/2025)** [How to Use Your N95 Respirator](#) (Web Page) – Provides a step-by-step guide on properly using and disposing of an N95 respirator.
- **EPA**
 - [Factsheet: What is Indoor Air Quality](#) (Factsheet) – Highlights information on what indoor air quality is, potential sources that can impact indoor air quality, and strategies to improve indoor quality. ([Spanish Version](#))
 - [Create a Clean Room to Protect Indoor Air Quality During a Wildfire](#) (Web Page) – This webpage describes what a “clean room” is, its benefits, as well as how one can create one in their home.
 - [Research on DIY Air Cleaners to Reduce Wildfire Smoke Indoors](#) (Web Page) – Shares findings on a study done on the efficacy and safety of DIY air cleaners.
- **AirNow**
 - [Protect Your Lungs from Wildfire Smoke](#) (Factsheet) – Provides guidance on using respirators to protect against wildfire smoke.

State Resources

- **Utah Department of Health and Human Services**
 - [DIY HEPA Filter Box Fan](#) (Factsheet) – Shares steps for putting together a HEPA filter box fan at home.

School Guidance and Resources

Federal and Partner Resources

- **AirNow**
 - [Air Quality and Outdoor Activity Guidance for Schools](#) (Factsheet) – Provides guidance for schools on how to ensure children continue getting exercise while also staying safe.

State Resources

- **Idaho Department of Health and Welfare**
 - [Wildfire Smoke](#) (Web Page) – Contains flyers, brochures, and posters with guidance on wildfire smoke safety, including information on guidelines for school activities.
- **Minnesota Department of Health**
 - [IAQ Actions for Facility Operators](#) (Web Page) – Contains information for schools on how keep air quality indoors safe. Includes practical applications for other settings as well.
- **Washington State Department of Health**
 - [Washington Air Quality Guide for Schools and Child Care Activities](#) (Factsheet) – A chart for schools and childcare centers on appropriate steps to take to mitigate health impacts for children depending on the AQI.

Clinician Guidance and Resources

Federal and Partner Resources

- **EPA**
 - [Fire or Smoke Event Plan](#) (Web Page) – Provides resources clinicians can share with patients to help efforts to reduce smoke exposure.
 - [Wildfire Smoke and Your Patients' Health](#) (Web Page) – This virtual training for clinicians and health educators provides information on the health effects associated with wildfire smoke and strategies to help patients.

Additional Resources

- **Journal of the American Heart Association**

- [Cardiovascular and Cerebrovascular Emergency Department Visits Associated with Wildfire Smoke Exposure in California in 2015](#) (Article) – A study published in 2018 that concludes that extensive wildfire smoke exposure in CA did lead to an increase in emergency department visits for cardiovascular and cerebrovascular health issues.
- **Americares**
 - [The Climate Resilience for Frontline Clinics Toolkit](#) (Toolkit) – Provides resources and tools for providers.
- **Million Hearts**
 - [Particle Pollution and Heart Disease](#) (Web Page) – Includes key resources for clinicians, public health professionals, and individuals on heart health impacts related to PM2.5 and ways to stay safe.

Resources for Protecting Pets and Livestock

Federal and Partner Resources

- **AirNow**
 - [Protect Your Pets from Wildfire Smoke](#) (Factsheet) – Provides guidance on recognizing when pets may be affected by wildfire smoke and how to keep them safe.
 - [Protect Your Large Animals and Livestock from Wildfire Smoke](#) (Factsheet) – Provides guidance on keeping larger animals and livestock safe as well as how to prepare for an evacuation.
- **American Veterinary Medical Association**
 - [Wildfire Smoke and Animals](#) (Blog) – Provides general information on keeping animals safe during wildfire smoke events.

ASTHO Resources

- [State Resiliency Hub](#) (Web Page) – Includes state and federal resources on resiliency, trainings, communication tools, and more.
- [Michigan Mental Health Work, Hawaii Wildfires Environmental Impact](#) (Newscast, Ep. 671) – Kathy Ho, deputy director for Environmental Health with Hawaii's State Department of Health, explains her team's response to the historic wildfires in 2023.
- [Michigan Wildfire Lessons, Empowering Community Health Workers](#) (Newscast, Ep. 663) – Aaron Ferguson, Manager of the Climate and Tracking Unit in the Division of Environmental Health at the Michigan Department of Health and Human Services, highlights what Michigan leadership learned when they dealt with unprecedented air quality in the state.
- [ASTHO Blog: Where There's Fire, There's Smoke—States Prepare for Health Impacts of Wildfire Smoke](#) (Blog) – Resources from WA DOH, CDPH, and MDH offer tools that states can use as they develop their own wildfire smoke risk communication guidance and engage across state agencies.
- [ASTHO Public Health Review Morning Edition: Dr. Wayne Cascio on Wildfire Smoke](#) (Newscast, Ep. 445) – Dr. Wayne Cascio, the EPA Director of the Center for Public Health and Environmental Assessment, explains how to prepare for wildfire smoke.
- [ASTHO Public Health Review Morning Edition: Wildfire Smoke Bloggers](#) (Newscast, Ep. 431) – Kaitlyn Kelly (WA DOH) shares Washington's Smoke Blog that includes information about the state's air quality conditions.
- [ASTHO Blog: California Department of Public Health Joins the Fight Against Devastating Wildfires](#) (Blog) – CA SHO Alum, Dr. Karen Smith, discusses California's efforts to mitigate the impacts of wildfires in 2017.