

Episode 56JC September 22, 2023. Republicans in Senate oppose lowering PM2.5 limits. California Wildfire Smoke.

1) Republicans in Senate oppose lowering PM2.5 limits. [EPA Failed to Update Wood Heater Emissions Standards, Suit Says - Bloomberg Law News](#) wood heater emissions have impaired the ability of some states to attain National Ambient Air Quality Standards for fine particulate matter. Wood smoke contains harmful pollutants which are linked to adverse health effects, including cancer and dementia, they said. The EPA failed to revise [Cotton, Boozman, Colleagues Urge EPA to Rescind Unattainable Air Pollution Standard](#) Senator Tom Cotton The senators urged Regan to rescind the EPA's proposed particulate matter (PM 2.5) national ambient air quality standard (NAAQS). In part, the

2) California Wildfire Smoke. [Rules in place to protect workers from unhealthy air in Central California - ABC30 Fresno](#) If the index for PM 2.5 rises above a 151 rating, employers are required to communicate the poor air quality to their employees, limit time [Persistent smoke from northern wildfires still impacting air quality; Spare the Air alert extended again](#) CBS News Wildfire smoke continues to persist in the Bay Area, prompting the The alert which bans burning wood, or manufactured fire logs in fireplaces, wood [Spare the Air Alert Extended Through Saturday, Amid Lingering Wildfire Smoke | KQED](#) During a Spare the Air alert, it is illegal to use fireplaces, wood stoves, outdoor fire pits or other wood-burning devices. Residents are also [Wildfire smoke degrades Monterey County air quality](#) Monterey Herald wood burning, driving, lawn mowing and leaf blowing. The biggest health threat from smoke comes from fine particles that are especially harmful to [Bay Area Spare the Air alert extended to Friday due to wildfire smoke - The Napa Valley Register](#) burning farther north in California and Southern Oregon. The alerts, which include a ban on burning wood or other solid fuels in the Bay Area [Bay Area air quality expected to gradually improve, but Spare the Air alert extended through Saturday](#) NBC Bay Area Smoke and haze will linger into the afternoon and bring unhealthy air The alerts, which include a ban on burning wood or other solid fuels in [Wildfire smoke to worsen through Thursday in Sonoma County, stick around to weekend](#) The North Bay Business Journal Smoke from wildfires in California and Oregon are impacting air quality in the Bay Area. Wood burning is banned. If you smell smoke, avoid [Persistent smoke in Bay Area leads to Spare the Air extension to Saturday - San Francisco Chronicle](#) Smoke from wildfires in California and Oregon is impacting air quality in the Bay Area. Wood burning is banned. If you smell smoke, avoid exposure California, Palo Alto [Another Spare the Air alert issued for Friday due to wildfire smoke - | Palo Alto Online |](#) The alerts, which include a ban on burning wood or other solid fuels in the Bay Area, were also in effect for Wednesday and On Spare the Air days, it is illegal in the nine-county Bay Area to use fireplaces, wood stoves, outdoor fire pits or any other wood-burning devices. wood stoves, outdoor fire pits or any other wood-burning devices. If people smell smoke, the district advises them to stay inside with windows and

3) United States Maine, Kingfield [Crews respond to sawdust fire at Kingfield Wood Products - Daily Bulldog](#) Fire Chief Fred Nichols said that the cause of the fire is believed to be a spark or burning piece of wood that was carried through the blower system Washington, Aberdeen & Hoquiam [Fire destroys Aberdeen house, killing pets | The Daily World](#) Working smoke detectors are especially important as the temperature drops and many homeowners are turning on heating systems such as **wood-burning** Fire destroys Aberdeen house, killing pets The resident escaped but was unable to save his dogs. September 22, 2023. 2:30 AM. Aberdeen Fire Department An early morning fire in South Aberdeen rendered a home a total loss. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.** An early morning fire swept through an Aberdeen home on West Marion Street on Thursday, destroying the property and killing two dogs in the residence. The resident escaped without injury, said Battalion Chief Troy Palmer of the Aberdeen Fire Department, but was unable to get back in to save his dogs. The initial call came at 1:55 a.m. for a structure fire. The resident was alerted to the fire by the barking of his dogs, who were kenneled in another part of the house. The resident escaped out the back door, Palmer said, but unfortunately left the door open, which can fuel the flames. When he got to the front of the house where the dogs were, the fire had already blown the windows out and engulfed the room. Initial firefighters on scene reported the house was fully ablaze and the nearby houses were threatened. "We got water on it fairly quick." The fire was escalated to a second alarm, Palmer said, with Hoquiam and Fire District 2 reinforcing Aberdeen. Crews locked down the spread of the fire to surrounding homes, eventually extinguishing the fire. The house, which had no smoke alarms, is a complete loss. AFD recommends all homes have functional smoke alarms. Working smoke detectors are especially important as the temperature drops and many homeowners are turning on heating systems such as **wood-burning appliances.**

4) Wildfire Smoke Generally [Climate change glossary: Terms you need to understand, explained - Dawn](#) Particulate matter and PM 2.5. Particulate matter refers to the mixture of solid particles and liquid droplets found in the air. Some particulate [Wildfire smoke is becoming 'larger share' of air pollution | eKathimerini.com](#) But levels of PM 2.5, which are routinely tracked by the Environmental Protection Agency and had been declining, took a marked turn back up around [Daily Emission Inventory Update Enhances Air Quality Forecasting - Mirage News](#) PM2.5, and PM10, respectively." The innovative method has already been PM2.5 forecasts and significantly improved predictions for

pollutants like O<sub>3</sub> [Stanford study reveals wildfire smoke stalled, reversed clean air progress in majority of U.S.](#) NBC Bay Area With extreme fire behavior, the smoke drifts, concentrations of pm 2.5 go up, our air quality is impacted just like the day in 2020, when the Bay 5)PM2.5 and human health [Particulate Matter Concentrations and Incidence of Breast Cancer - The ASCO Post](#) wood smoke and vegetation burning, and industrial emissions. The particulate matter pollution measured in this study was 2.5 μm in diameter or [Air Pollution Shortens the Lives of City Residents by 4.3 Years - Kompas.id](#) PM 2.5 pollutants by 10 micrograms/cubic meter (μg/m<sup>3</sup>) above the health limit can reduce life expectancy by 0.98 years. PM 2.5 data was obtained [Associations of long-term fine particulate matter exposure with all-cause and cause-specific mortality](#) The Lancet Long-term PM2.5 exposure nonlinearly related with all-cause, CVD, and cancer mortalities, while linearly related with respiratory disease mortality. [With COPD, Social Determinants of Health Appear to Drive Outcomes - Physician's Weekly](#) “We plan to study how long-term exposure to air pollutants, including ozone and PM2.5 (fine particulate matter generally ≤2.5 μm in diameter)