

September 30, 2022, RAWSEP news paraphrased.

The U S Midwest and the U S South

[Why firewood might be a decent economic indicator right now](#)

The World Economic Forum

Wood pellets have also been a source of concern. While burning wood as fuel has been touted as carbon-neutral, as long as the trees being used are ...

[Estimating Dioxin Exposure from Indoor Woodsmoke and the Burning of Plastics - NIH RePORTER](#)

RePORT RePORTER - National Institutes of Health (NIH)

DESCRIPTION (provided by investigator): Wood for cooking, and heating is an essential fuel to a large portion of world's population.

[Estimating Dioxin Exposure from Indoor Woodsmoke and the Burning of Plastics - NIH RePORTER](#)

RePORT RePORTER - National Institutes of Health (NIH)

DESCRIPTION (provided by investigator): Wood for cooking, and heating is an essential fuel to a large portion of world's population.

Sunny days ahead with new solar tax credit

With the new legislation's Residential Clean Energy Credit, you can subtract 30 percent of the cost of installing solar heating, electricity generation, and other solar home products from your federal taxes. This incentive could be the tipping point for consumers to switch to solar power. We put together the key details on [what the solar tax credit is](#), the eligible expenses for the solar tax credit, and other requirements and restrictions.

U S West Coast

Alaska

[Looking Back: September 25, 2021 - Fairbanks Daily News-Miner](#)

Fairbanks Daily News-Miner

... wood-fired boilers, known as hydronic heaters, and all coal-burning ... tax incentives for regular maintenance of solid fuel-burning devices.

California

[Number of Americans Exposed to Harmful Wildfire Smoke Has Increased 27-Fold](#)

Yale E360

... pollution levels in locations across the U.S. It measures the presence of PM 2.5, tiny particles about one-thirtieth of the width of a human ...

[Wildfire Smoke Is Reversing U.S. Air Pollution Gains, Study Finds - EcoWatch](#)

EcoWatch

PM 2.5 is a particularly insidious form of air pollution because the tiny particles can bury themselves in human lungs and in the bloodstream, ...

[10-acre fire burning north of Petaluma, Cal Fire responding - The Press Democrat](#)

The Press Democrat

The Adobe Fire is burning near Old Adobe and Corona roads, ... A Pizza Napoletana Margherita comes out of the Cirigliano wood-burning oven that ...

Oregon

[Oakridge-Westfir efforts reduce wood stove smoke EPA status upgrade - The Register Guard](#)

The Register Guard

Oakridge-Westfir's community efforts to reduce wood stove smoke ... of work to reduce the output of smoke from the wood-burning stoves that are ...

[Oakridge-Westfir communities attain Clean Air Act standards for fine particle pollution](#)

EPA

... and the people of Oakridge-Westfir to reduce particulate air pollution from wood stoves," said Steve Dietrich, LRAPA Executive Director.

Washington

[Wildfire season raises health concerns as smoke permeates Spokane | News | Gonzaga Bulletin](#)

The Gonzaga Bulletin

While PM 2.5 is the particle measurement typically used when monitoring wildfire smoke, the agency also has multiple monitors that monitor PM 10, ...

**U S Northeast**

[Climate: More wood is burned: This damages health and the environment - indonewyork](#)

indonewyork

Burning wood would release many more pollutants than burning oil or gas, including carbon monoxide, nitrogen oxides, methane and soot. According to ...

New Hampshire

[NH residents turn to wood, pellets as weather cools - WMUR](#)

WMUR

Demand in NH high for wood, pellets as weather cools amid high heating fuel ... "We have such a long wood-burning season here in New Hampshire, ...

New York

[Smoke leads the way: Rochester Ethiopians mark the finding of the cross - Post Bulletin](#)

Post Bulletin

According to Ethiopian Orthodox belief, bonfire smoke led searchers to the ... Sounds of song and wood smoke filled the air at Cascade Lake Beach ...

[Executive Order 23 | City of New York - NYC.gov](#)

NYC.gov

... nitrogen oxides, carbon monoxide, and particulate matter (PM 2.5 and PM 10), and endangers people's health and surrounding environment; and.

Washington, DC

['I was in pain' | Mom shares how the environment and climate could impact pregnant women](#)

WUSA9.com

Particulate matter also known as PM 2.5 particles are extremely small and can be inhaled causing lung irritation and can be taxing for those who ..

**Canada**

[Courtenay air quality improves, but still below acceptable limits - Comox Valley Record](#)

Comox Valley Record

A Wood Smoke Reduction Strategy guides action to reduce fine particulate matter (PM 2.5) generated through wood burning. File photo ...

**Australia**

<https://onlinelibrary.wiley.com/doi/full/10.5694/mja2.51199?fbclid=IwAR3qKQaOggY0oZ--1aXGptozNxyBSwWjDB6HJIBYva2qVGCRAUGBazaidRk>

The effects on mortality and the associated financial costs of wood heater pollution in a regional Australian city  
[Dorothy L Robinson, Joshua A Horsley, Fay H. Johnston, Geoffrey G Morgan](#)

First published: 02 August 2021

**New Zealand**

**The U K** and Ireland

[Climate campaigner ejected from Labour event sponsored by Drax power plant firm - The Guardian](#)

The Guardian

Activists interrupt party conference debate to criticise company's **wood-burning** biomass operations.

[Drax accused of driving 'environmental racism' after further pollution claims against wood ...](#)

Greenpeace Unearthed

The company's formerly coal-fired power station in North Yorkshire switched to mainly burning wood pellets in 2013, and is now one of Europe's ...

## Germany in the European Union, and Europe and the Middle East

### [Air pollution - European Environment Agency](#)

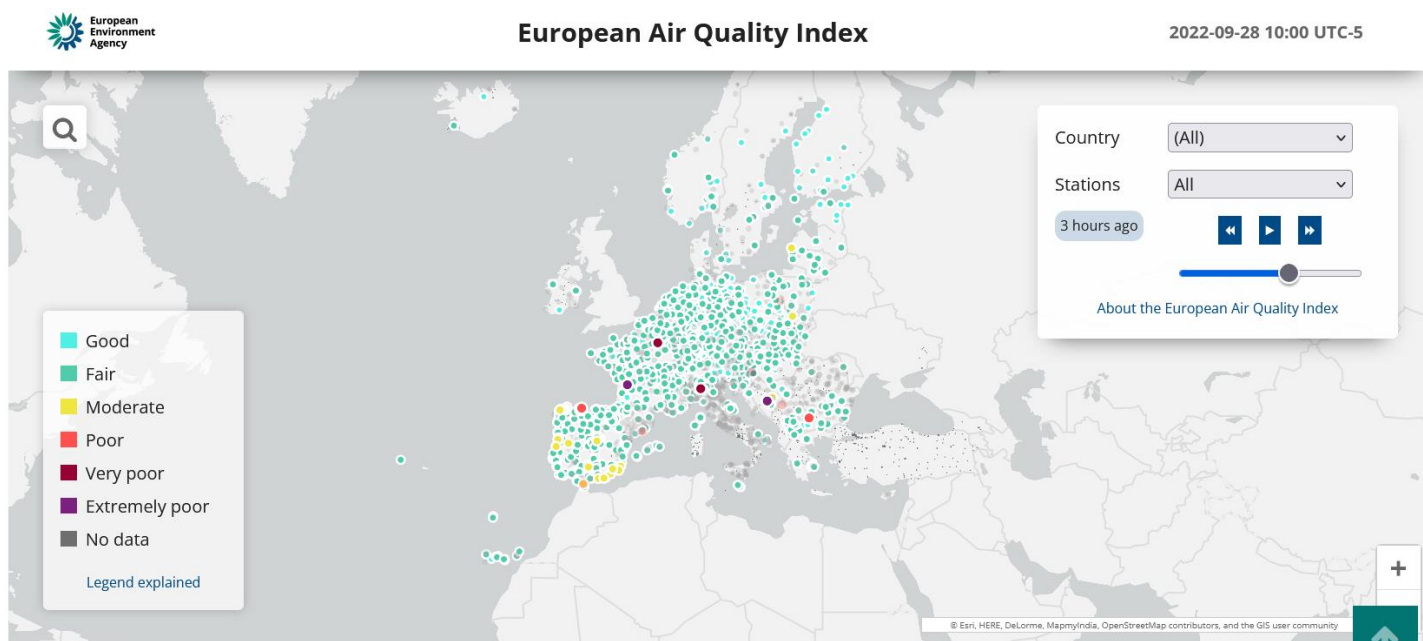
European Environment Agency - European Union

Ninety-six percent of Europe's urban population was exposed to fine particulate matter above the health-based guidelines set by the World Health ...

### [European Air Quality Index](#)

NEW MOBILE APP AVAILABLE FOR DOWNLOAD --- How clean is the air you're breathing right now? How does the air in your city compare with that of a neighbouring city or region? Air pollution is the single largest environmental health risk in Europe. The European Environment Agency's European Air Quality Index allows users to understand more about air quality where they live. Displaying up-to-the-minute data for the whole of Europe, users can gain new insights into the air quality of individual countries, regions and cities.

<https://www.eea.europa.eu/themes/air>



### [French Word of the Day: Poêle - Local – France's](#)

Local – France's

In English, we would call these log-burners or wood (or pellet) burning stoves. There are two different types – un poêle à bois (wood-burner) or ...

### [Smoking Is Cool: The Unique Allure of Rauchbier | Craft Beer & Brewing](#)

Craft Beer & Brewing

Nowadays, you can tune your smoke to harmonize with your beer in the same way that pitmasters adjust their wood for their chosen meats.

### [Hardship remains for Ukrainian town emerging from occupation - The Washington Post](#)

The Washington Post

Scavenged wood is for the cooking fires. But almost nothing keeps out the ... The smell of wood smoke filled the air. Her older daughter slowly ...

Read more: <https://newsinfo.inquirer.net/1669317/48-arrested-over-frances-summer-forest-fires#ixzz7g7qHG2mK>

Follow us: [@inquirerdotnet on Twitter](#) | [inquirerdotnet on Facebook](#)

Spain

### [Particularly in first 5 years of life: and alterations in brain structure - Mirage News](#)

Mirage News

The study found that the greater the exposure to PM2.5, ... levels of nitrogen dioxide (NO2) and particulate matter (PM2.5 and PM2.5 absorbance) ...

Middle East

### [Severe atmospheric pollution in the Middle East is attributable to anthropogenic sources](#)

Nature

Supplementary Table 1 presents the country-level exposure to PM2.5 and the excess mortality attributed to air pollution, being dominated by PM2.5 (89% ...

**Nigeria in Africa**

**India in Asia**

### [Air quality deteriorates | Latest News Delhi - Hindustan Times](#)

Hindustan Times

CPCB data shows there was a significant increase in the 24-hour average PM 10 and PM 2.5 concentration in the capital on Monday.

South Korea

### [Air Pollution Tied to Autism-Related Hospital Admissions in Children](#)

Consumer Health News - HealthDay

Exposures were daily concentrations of fine particulate matter (PM2.5), nitrogen dioxide (NO2), and ozone (O3) levels in each region.

China

### [Changing weekend effects of air pollutants in Beijing under 2020 COVID-19 lockdown controls](#)

Nature

Distinct weekly cycles of annual average PM<sub>2.5</sub>, NO<sub>2</sub>, SO<sub>2</sub> and CO concentrations existed in 2018, while the weekend effects changed in 2020. In addition ...

India

### [Air Pollution: Centre revises target for reduction of Particulate Matter from air ahead of festive season](#)

The Financial Express

Particulate matter PM 2.5 are small and fine inhalable particles that can pose a threat to health causing respiration issues and even lung ...

### [It's Not Diwali or Stubble-Burning Season Yet. But Delhi is Choking Nevertheless - News18](#)

News18

In 2021, its PM 2.5 (96.4 µg per-cum) was 14.6% more than in 2020. ... the most harmful pollutants — fine particulate matter (PM<sub>2.5</sub>) and nitrogen ...

### [Air pollution also causes Lung Cancer... - India Herald](#)

India Herald

PM 2.5 are tiny particles present in the air, which when inhaled can cause inflammation in the lungs, which can lead to cancer.

### ['India is a climate action leader' - The Statesman](#)

The Statesman

Q. Prime Minister Narendra Modi asserted at the crucial international ... Because of particulate matter PM 2.5, pollution has increased by 2.5 ...

### [Regular households fail to understand importance of indoor air quality: Abhinav Gupta, CEO ...](#)

The Financial Express

Regardless, Delhi remains the city that has the highest average level of fine PM 2.5 among the world's most populated cities.

### [A four-pronged approach to tackle air pollution - ORF](#)

ORF

... have been selected and have been mandated to create action plans to reduce PM 2.5 emissions by 20-30 percent by 2024 compared to 2017 levels.

<https://www.orfonline.org/research/finding-solutions-to-air-pollution-in-india-the-role-of-policy-finance-and-communities-74311/>

## Research Papers and Technology

### [Clean Air Defender: Addressing societal concerns through connectivity technologies - Hello Future](#)

Hello Future

Of all atmospheric pollutants, the World Health Organization [3] considers atmospheric aerosols (particulate matter) with a diameter of 2.5 µm or ...

[Wildfire smoke is unraveling decades of air quality gains - Phys.org](#)

Phys.org

Over the last decade, PM2.5 from wildfire smoke has increased in much of the U.S., particularly in Western states, but some areas in the South and ...

[9 finalists advance to DOE wood heater technology slam | Biomassmagazine.com](#)

Biomass Magazine

They have become even more in demand as electricity and fossil fuel heating prices rise, however wood stoves often emit too much smoke, especially in ...

[Hearth Global Market Report 2022 - Yahoo Finance](#)

Yahoo Finance

The heat sources for hearth and fireplaces are gas, electricity, wood, and pellet. A stove is a free-standing structure producing heat by burning ...

[Geographically resolved social cost of anthropogenic emissions accounting for both ... - Science](#)

Science

Physical impacts including changes in surface PM2.5, AOD, temperature, and precipitation differ substantially by emission region.

[How is air pollution linked to brain alterations? - News-Medical.net](#)

News-Medical.net

PM 2.5 exposure in the first year of life was associated with larger putamen volume. No windows of susceptibility to air pollution were found related ...

[Don't put away those N-95 masks yet; face covering protects against smoke particulates as ... - OPB](#)

OPB

"Those masks are effective at filtering the particulate matter that's in wood smoke," said Knudsen. "You do need to assure that you're wearing ...

[Environmentalists slam use of US wood pellets for UK bioenergy in new report](#)

Biofuels Digest

... of biomass sourcing done for Enviva, the world's largest wood pellet producer, to supply Drax's burning of wood to generate electricity.

The Future