

July 12, 2022 RAWSEP news paraphrased

1.The U.S. Midwest

Indiana, Terre Haute

[Casino will be smoke-free due to local ordinance | MyWabashValley.com](#)

MyWabashValley.com

TERRE HAUTE, Ind. (WTWO/WAWV) – An **ordinance** to make Vigo County **smoke-free** was passed ten years ago, and its impact is still being felt in the ..

RAWSEP View: Casinos are usually not smoke-free in the United States. **The Queen of Terre Haute casino will be a smoke-free environment as a result**; a unique distinction according to the American Nonsmokers Rights Foundation. They have said the casino will be the first in the country not to allow smoking. That's due to a local, and not state, ordinance.

2.The U.S. Northwest

New York, Long Island

[Air Quality Health Advisory Issued for Long Island - NYS Dept. of Environmental Conservation](#)

New York State Department of Environmental Conservation

Additional information on ozone and **PM 2.5** is available on DEC's website and on DOH's website (leaves DEC website).

The Wednesday, July 13, ...

RAWSEP View: The Department of Environmental Conservation asks residents to reduce or eliminate outdoor burning and attempt to minimize indoor sources of PM 2.5 such as smoking. A toll-free Air Quality Hotline (1-800-535-1345) has been established by DEC to keep New Yorkers informed of the latest Air Quality situation.

Vermont, Burlington

[What to know about having bonfires around Vermont - Burlington Free Press](#)

Burlington Free Press

In Vermont, open **burning** is permitted on personal property for disposing of ... It is illegal in Vermont to **burn** garbage, cardboard, painted **wood**, ...

RAWSEP View: RAWSEP view is that outdoor fires are not safe for residents. The Burlington Parks Department view is that In Burlington, **open fires are not permitted within city limits**, according to the Burlington Parks, Recreation and Waterfront Department. This includes all city parks and beaches. However, other parks in the state do welcome small outdoor fires. Vermont State Parks are safe places for outdoor fires throughout the state.

3.The U.S. West Coast

Arizona, Phoenix

[Saguaro Man Brings Burning Man Culture to the Arizona Desert - Phoenix New Times](#)

Phoenix New Times

On the Sunday night, **burners** will gather around a temple made with recycled pallet **wood**, where event materials says participants will "hold space ...

RAWSEP View: RAWSEP View is that burning things is not creative, and pollutes the air. Burning Man view is that Arizona burners follow 10 principles promulgated by the Burning Man Project, a San Francisco-based nonprofit that's the nexus of Burning Man culture. They include radical self-expression, immediacy, civic responsibility, and other ideals reflected in Burning Man gatherings.

Arizona, Tucson

[Air Quality Hourly Forecast | Tucson | ADEQ Arizona Department of Environmental Quality](#)

Arizona Department of Environmental Quality

PM-10 (dust) and **PM-2.5** (smoke) are forecast to be in the Good AQI category; however, there may be some isolated areas of blowing dust, ...

RAWSEP View: PM 2.5 is in the good Air Quality Index category. As for PM-10 (dust), we could certainly see some pockets of blowing dust with strong outflow winds (like we saw yesterday), but the 24-hour average is still forecast to remain in the Good AQI category.

California, Oakland

[Crews Battling Another **Wood** Street Homeless Encampment Fire - The E'ville Eye Community News](#)

The E'ville Eye

... where plumes of heavy **smoke** shut down nearby freeways. At about 10:30 a.m., crews responded to the fire at 34th and **Wood** streets underneath ...

[Fire Under MacArthur Maze Extinguished; Freeways Reopen - NBC Bay Area](#)

NBC Bay Area

Heavy smoke from the fire was blocking nearby freeways and westbound I-80 ... are battling a two-alarm fire in the area of 34th and Wood streets, ...

[Massive fire burns cars and RVs at homeless encampment under Oakland freeway](#)

Los Angeles Times

A large cloud of black **smoke** billowed from near the 880 Freeway onramp and ... The fire was first reported just after 10 a.m. near 34th and **Wood** ...

[Umpteenth Fire At Oakland's **Wood** Street Encampment Shuts Down Part of MacArthur Maze](#)

SFist

2 alarm fire near 34th and **Wood** under the freeway. Multiple cars, debris, and RVs are **burning**. Watch on Twitter · 10:46 AM · Jul 11, 2022.

[West Oakland fire spews smoke over the East Bay - The Oaklandside](#)

The Oaklandside

Residents of the **Wood** Street homeless camp evacuated Monday morning after ... This fire at West Oakland's **Wood** St camp **burned** several vehicles and ...

RAWSEP View: A fire started in a homeless camp, and cars and recreational vehicles were set on fire in Oakland, California.

Washington State

[UW study strengthens evidence of link between air pollution and child brain development](#)

University of Washington

Researchers also reported that higher exposures to small-particle air pollution (**PM2.5**) when children were 2 to 4 years old was associated with ...

RAWSEP View: The University of Washington (UW) study strengthens evidence of link between air pollution and child brain development. Air pollution is not just a problem for lungs. Increasingly, **research suggests air pollution can influence childhood behavioral problems and even IQ.**

4.Canada

5.Australia

6.New Zealand

7.U.K.

8.Germany in the European Union, and Europe

European Union

[National Emission reduction Commitments Directive reporting status 2022](#)

European Environment Agency - European Union

Member States have reported annual emission inventory information since 1990 — or in the case of fine particulate matter (PM_{2.5}) since 2000 — up to ...

RAWSEP View: The conclusion of the report: All Member States, except for Belgium and Estonia, need to reduce emissions for at least one pollutant to fulfil their 2030 commitments. The greatest challenges will be to reduce emissions of NH₃, NO_x and **PM_{2.5}**.

Progress made by the EU and its 27 Member States towards reducing emissions of air pollutants regulated under the National Emission reduction Commitments Directive. It presents the period 2020-2029. This briefing is based on 2020 data. Key messages Almost two thirds of Member States will need to reduce emissions of fine particulate matter to meet their 2030 commitments.

Progress towards the emission reduction commitments

Member States have reported annual emission inventory information in the case of fine particulate matter (PM_{2.5}) since 2000 — up to two years before the year of submission.

The [National Emission reduction Commitments \(NEC\) directive](#) sets national commitments to reduce emissions for five pollutants that have significant negative impacts on human health and the environment, namely NO_x, NMVOCs, NH₃, SO₂ and PM_{2.5}. It is one of the legislative instruments announced in the [European Green Deal](#) and is particularly critical to delivering on the 2030 targets related to air pollution under the [zero pollution action plan](#) (EC, 2021a) Those targets aim to reduce the number of premature deaths caused by air pollution by 55%. Member States are obliged to draw up and implement national air pollution control programmes (NAPCPs), including measures to reduce emissions.

The [European Climate Law](#) Ensuring consistency between Member States' national energy and climate plans (NECP) and their NAPCPs can increase the reduction in emissions of **both air pollutants** and greenhouse gases. PM_{2.5}, 25 Member States met their commitments in 2020, while two Member States must still reduce their emissions. Fine particulate matter. Two Member States need to reduce their PM_{2.5} emissions to meet their 2020-2029 national emission reduction commitments. Romania needs to reduce its PM_{2.5} emissions by 22% of 2020 levels to reach its 2020-2029 emission reduction commitment, while Hungary needs to reduce its emissions by 5%. **PM_{2.5} is the air pollutant driving the most significant health problems and premature mortality**, and therefore **reducing emissions of PM_{2.5} is critical** to achieving the zero pollution **target of reducing premature deaths by 55% by 2030**. The main source of PM_{2.5} emissions is energy consumption in the **residential**, commercial and institutional sectors. Given these different sources, the impact of the lockdown measures on PM_{2.5} emissions was more complex than for NO_x. While emissions from traffic fell, in some regions there was an **increase in PM_{2.5} emissions from the domestic combustion of coal or wood for residential heating**, as people **spent more time at home** ([EEA, 2022](#)). Changes in the energy sector will be crucial for meeting the emission reduction commitments for PM_{2.5}, as **burning biomass** and fossil fuels for residential heating still contribute significantly to emissions in some Member States. Actions to reduce emissions include **improving insulation** and upgrading heating systems, installing low-emission boilers, or switching fuel types.

9.Nigeria in Africa

10.India in Asia

10.5 Technology & Research Papers

Air Pollution

[What's smog? Almost half of adults are clueless about air pollution - Study Finds](#)

Study Finds

However, studies show that smoking indoors, wood-burning stoves, and cleaning products can all contribute to indoor air pollution.

RAWSEP View: Despite the health risks, 46 percent of respondents don't know what air pollution even consists of. Another 62 percent believe air pollution is only an outdoor problem. However, studies show that smoking indoors, wood-burning stoves, [and cleaning products](#) can all contribute to indoor air pollution.

11.The Future