

Episode 56FN June 27, 2023. Wood fired pizzerias in New York City must attempt to reduce particulate emissions (PM2.5) by 75%.

Sometimes a RAWSEP episode just writes itself. The top New York City story relevant to RAWSEP was that Wood fired pizzerias in New York City must attempt to reduce particulate emissions (PM2.5) by 75%.

But the graphics of this video are a U S Airnow Meter on Red in zip code 53716, Red on the PM2.5 monitors on the U S Airnow Maps of Smoke and Fire for Zip Code 53716 and Purple on the PurpleAir Map for Zip Code 53716. The right most PM2.5 monitor registering 184 (Purple) on the PurpleAir map belongs to the Editor of RAWSEPresidents, Residents Against Wood Smoke Emission Particulates. The editor of RAWSEP is taking this opportunity to turn lemons (local weather people for zip code 53716 are urging people not to go outside except for brief periods while N95 masked, in order to avoid long term health problems) into lemonade (publicizing the health effects of wood burning smoke, in order to urge others to avoid residential wood burning and avoid the health effects of PM2.5 on near neighbors). PM2.5 is particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, leading to a cascade of human health problems and early deaths.

184 (Purple according to PurpleAir, but Red here on this AirNow Meter and AirNow Map on 6/27/2023) 184 and above has registered on the PurpleAir PM2.5 monitor of the editor of RAWSEP (in Zip Code 53716) in the past, frequently and for hours or days at a time, because the editor of RAWSEPresidents, because she lives 60 feet away from a residential wood burner who turns down his natural gas furnaces and burns wood continuously for recreation or ambience in the winter. However there has been no significant elevation in readings above zero from Canadian wildfire smoke or traffic before the last few weeks, even though the RAWSEP editor's PM2.5 monitor is less than 1000 feet away from a highway. PM2.5 monitors should be handed out to any near neighbor of a residential wood burner who complains of pollution from wood smoke from a neighboring residential wood burner. Readings above Environmental Protection Agency (E P A) "safe" limits for PM2.5 should be evidence enough to shut down the residential wood burner. There are analogies of RAWSEP with Mothers Against Drunk Driving (M A D D) which advocated for breathalyzer tests for drunk drivers in order to get them off the road and to get innocent children and other innocent people out of the path of dangerous drunk drivers. RAWSEP Residents Against Wood Smoke Emission Particulates would like the existing technology of PurpleAir PM2.5 monitors, PurpleAir PM2.5 monitors are already on U S E P A Airnow Maps of Smoke and Fire, monitor data used to keep residential wood burners from harming innocent neighbors, dog walkers, and other pedestrians within the hyper-localized area hundreds of feet away from a residential wood burner, in the path of the wood smoke, from having their health harmed and their lives shortened. Wildfire wood smoke is the same as residential wood smoke. Wood smoke is 90% PM2.5, and wood burning produces more CO2 and PM2.5 than the fossil fuel coal burning and wood burning produces 450 times the PM2.5 as the fossil fuel natural gas furnace burning.

Alaska

[Borough wood stove change-out program continues | Local News | newsminer.com](#)

Fairbanks Daily News-Miner

The wood stove in the ice house kept us warm throughout the day Friday, Jan. ... zone because of the high fine particulate matter (PM2.5) levels.

Arizona

[News Flash • Maricopa County, AZ • CivicEngage](#)

Maricopa County

Ozone High Pollution Advisory issued for Mon., June 26 and Tues., June 27 · Wood burning in residential fireplaces, chimeneas, outdoor fire pits, and ...

California

[When Wildfires Choke CA This Nonprofit Helps People Breathe Easier / Public News Service](#)

Public News Service

"And then there was smoke. ... You know, fire, smoke and COVID. ... Burning wood releases fine particulate matter, which is easily inhaled and can ...

New Hampshire

[Fire crews extinguish fire at wood recycling plant in Salem, NH - WMUR](#)

WMUR

Firefighters said a 50-foot-tall pile of trash started burning at LL&S Wood Recycling on Lowell Road Sunday afternoon, and at one point was ...

RAWSEP View: This article describing a Bronx study showing a link between PM2.5 air pollution and length of hospital stay of children with asthma. When describing where PM2.5 originates, residential wood burning was not mentioned in this article, but “fires” were mentioned.

New York, New York City, The Bronx

[Poor air quality means longer hospital stays for kids with asthma in NYC, study finds - Lohud](#)

Lohud

The study examined medical records for nearly 2,000 children with asthma in the Bronx. · The longer term effects of fine particulate matter, or PM 2.5, ...

Poor air quality means longer hospital stays for kids with asthma in NYC, study finds

New York State Team

June 26, 2023.

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

The study examined medical records for nearly 2,000 children with asthma in the Bronx.

The longer term effects of fine particulate matter, or PM 2.5, are still being studied, but it poses profound risks for children's development.

New York is completing mobile air quality monitoring in 10 regions, including the Bronx.

In early June, New Yorkers' phones alerted them to toxic air quality outside.

[Air quality indices](#) that usually hover around 30 spiked into the 200s or higher, indicating "unhealthy" or even "hazardous" levels. Warnings were for a pollutant known as fine particulate matter (PM2.5), from Canadian wildfires billowing smoke hundreds of miles south to the New York City metro area.

But some New Yorkers already know these pollutants.

A new study predating the fires found poor air quality meant longer hospital stays for Bronx children with asthma, which builds on growing evidence of dangerous connections between fine particulate matter and poor health outcomes.

The research — published in the “[Journal of Asthma](#)” days after hazardous wildfire smoke engulfed New York — further illustrates how Black, Latino or lower income communities tend to see the worst of New York City's air pollution.

The study examined medical records from 2017 to 2019 for nearly 2,000 children with asthma, ages 2 to 18, who live in the Bronx and visited Montefiore children's hospital. Asthma is a lung disease resulting from inflammation of airways that restricts air flow, causing coughing, wheezing, chest tightness or shortness of breath.

Using two stationary air monitors operated by the state Department of Environmental Conservation (DEC) within five miles of where children lived, researchers tracked fine particulate matter.

Fine particulate matter, or PM 2.5, are particles less than 2.5 micrometers in size, or around a 30th the diameter of a human hair, that can come from chemical mixes from fires, cars or power plants. They can enter people's lungs, and from there, go into their bloodstream.

New York, New York City

Wood Oven Pizzerias told to cut carbon emissions by 75%

[NYC Tells Coal, Wood Oven Pizzerias to Cut Carbon Emissions by 75% - Breitbart](#)

Breitbart

New York City has told pizzerias that use coal or wood-burning ovens to slice their carbon emissions by 75 percent or else face hefty fines.

[New York City's pizzerias blast 'unfunded mandate' that could see wood and coal-fired ovens ditched](#)

Daily Mail

The owner of one joint in Brooklyn explained he already installed a 'scrubbers' device that filters the smoke but this could cost restaurants ...

[Elon Musk leads backlash against NYC war on coal-, wood-fired pizzerias - New York Post](#)

New York Post

NYC cracks down on coal, wood-fired pizza spots — must cut carbon ... on the new city particulate emission rules targeting iconic slice makers.

[NYC rules crack down on coal, wood-fired pizzerias -- must cut carbon emissions up to 75%](#)

New York Post

“All New Yorkers deserve to breathe healthy air and wood and coal-fired stoves are among the largest contributors of harmful pollutants in drafting new rules that would require pizzerias that use coal and wood burning ovens for decades to curb emissions by up to 75%.

[Hero Throws Pizza At New York City Hall After Wokes Attack 'Wood-Fired Ovens' To Cut ... - OutKick](#)

OutKick

The neighbors said there was “physical discomfort caused by the smoke and fumes.” The amateur pizza chef won that court case. Folks, this pizza oven ...

[Far-left NYC cracks down on coal, wood-fired pizzerias to fight climate change](#)

The Post Millennial

In 2016, a study came out showing that wood burning stoves created pollutants through the smoke and particulates produced by burning wood. The questions about the pollution caused by wood-fired pizza ovens goes back nearly a decade. In 2005, The Guardian reported that Italy had changed ...

[New York City wants to reduce emissions from its iconic pizza ovens](#)

Yahoo News New Zealand

Burning coal and wood can generate pollutants harmful to human and environmental health, including ozone, aerosols, carbon monoxide, sulfur dioxide, ...

[New York City wants to reduce emissions from its iconic pizza ovens - Yahoo News UK](#)

Yahoo News UK

Burning coal and wood can generate pollutants harmful to human and ... Chefs later adopted wood-fired ovens and eventually gas-fired rigs by the ...

New York City wants to reduce emissions from its iconic pizza ovens

June 26, 2023.

New York City wants to reduce emissions from its iconic pizza ovens

Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates.

[New York City](#) has an [estimated 1,700 pizzerias](#) across the five boroughs. A new city rule aims to cut down on the harmful [emissions](#) and pollutants generated by making pizza with coal or wood-fired ovens. The New York City Department of Environmental is drafting rules which would require those with these ovens, installed before May 2016, to potentially add on emissions-reductions devices to their legacy [pizza ovens, according to The New York Post](#).

“All New Yorkers deserve to breathe healthy air and wood and coal-fired stoves are among the largest contributors of harmful pollutants in neighborhoods with poor air quality,” and agency spokesperson told the paper on Sunday. “This common-sense rule, developed with restaurant and [environmental justice groups](#), requires a professional review of whether [installing emission controls](#) is feasible.” Burning coal and [wood](#) can generate pollutants harmful to human and environmental health, including [ozone](#), aerosols, carbon monoxide, sulfur dioxide, nitrogen oxides, benzene, and black carbon. In particular, compounds from these types of ovens like black carbon and methane are many times more potent greenhouse gases than carbon dioxide, Inside Climate News [reports](#). Under the proposed rules, pizzerias would [need to hire an architect or engineer to study whether it was feasible to install emissions controls that could cut down on particulates by 75 per cent](#). Pizzerias that couldn’t achieve such reductions would be tasked with trying to cut down by at least 25 per cent, or explaining why those reductions wouldn’t be possible. The potential rule, estimated to [impact less than 100 restaurants](#), also contains the ability to [apply for variances](#). Some pizza owners took issue with the proposed regulations. “you change the taste. You take away the char, the thing that makes the pizza taste great, you kill it,” “You really think that you’re changing the environment with these eight or nine pizza ovens?!” The earliest New York pizzerias used coal ovens at the turn of the 20th century. Chefs later adopted wood-fired ovens and eventually gas-fired rigs by the mid-1900s, [according to Serious Eats](#).

Pennsylvania, Elimsport

[No one hurt, homeless in Elimsport area fire | News, Sports, Jobs - Williamsport Sun-Gazette](#)

Williamsport Sun-Gazette

I just couldn't," Dan Voneida said as smoke poured fr. ... out and saw the small structure that houses the family's wood-burning stove on fire.

Washington State, Sequim

[Blaze damages shop, residence on Happy Valley Road | Peninsula Daily News](#)

Peninsula Daily News

SEQUIM — A fire that began on a wood pile damaged a shop and residence on ... the interior, burning insulation in three of the four open bays.

Ireland

[Smoke flavourings, SF-007 and SF-010, no longer permitted for use in food from 1 January 2024](#)

Food Safety Authority of Ireland

Smoke flavourings are produced by thermal degradation of wood. They can be added to a range of different foods to give a “smoked” flavour.

<https://www.food.gov.uk/business-guidance/regulated-products/smoke-flavourings-guidance>

Smoke flavourings authorisation guidance

Smoke flavourings authorisation requirements and what you need to submit as part of a smoke flavouring application. May 3, 2023

Smoke flavourings are added to foods, such as meat or cheese, to give them a ‘smoked’ flavour, as an alternative to traditional smoking.

Smoke flavourings need to be authorised before they can be placed on the market in Great Britain (GB). [Retained EU law on smoke flavourings \(Opens in a new window\)](#) outlines the authorisation procedure for these types of flavouring.

Northern Ireland

The EU law that applies to Northern Ireland after the transition period is specified in Annex II to the [Northern Ireland Protocol \(Opens in a new window\)](#). This means that if you’re seeking a new authorisation for a smoke flavouring to be placed on the Northern Ireland market you will have to continue to follow EU rules.

United Kingdom

U K, Canterbury

[Burn 'Warmer, Cheaper' This Winter To Improve Canterbury's Air Quality | Scoop News](#)

Scoop

As the infamous Canterbury frosts start to bite, people across the region are firing up their wood burners to stay warm. We recently launched our ...

Pakistan

[Pakistan's Lahore Ranked World's Most Air-Polluted City In 2022 - IBT Graphics](#)

International Business Times

IQAir measures air quality levels on the basis of the concentration of lung-damaging airborne particles known as PM 2.5 (particulate matter).

Health

[Report reveals role of air pollution in cardiovascular disease deaths - AirQualityNews](#)

Air Quality News

2017 research established that an increase in long-term exposure to PM2.5 is associated with an 11% increase in cardiovascular mortality, ...

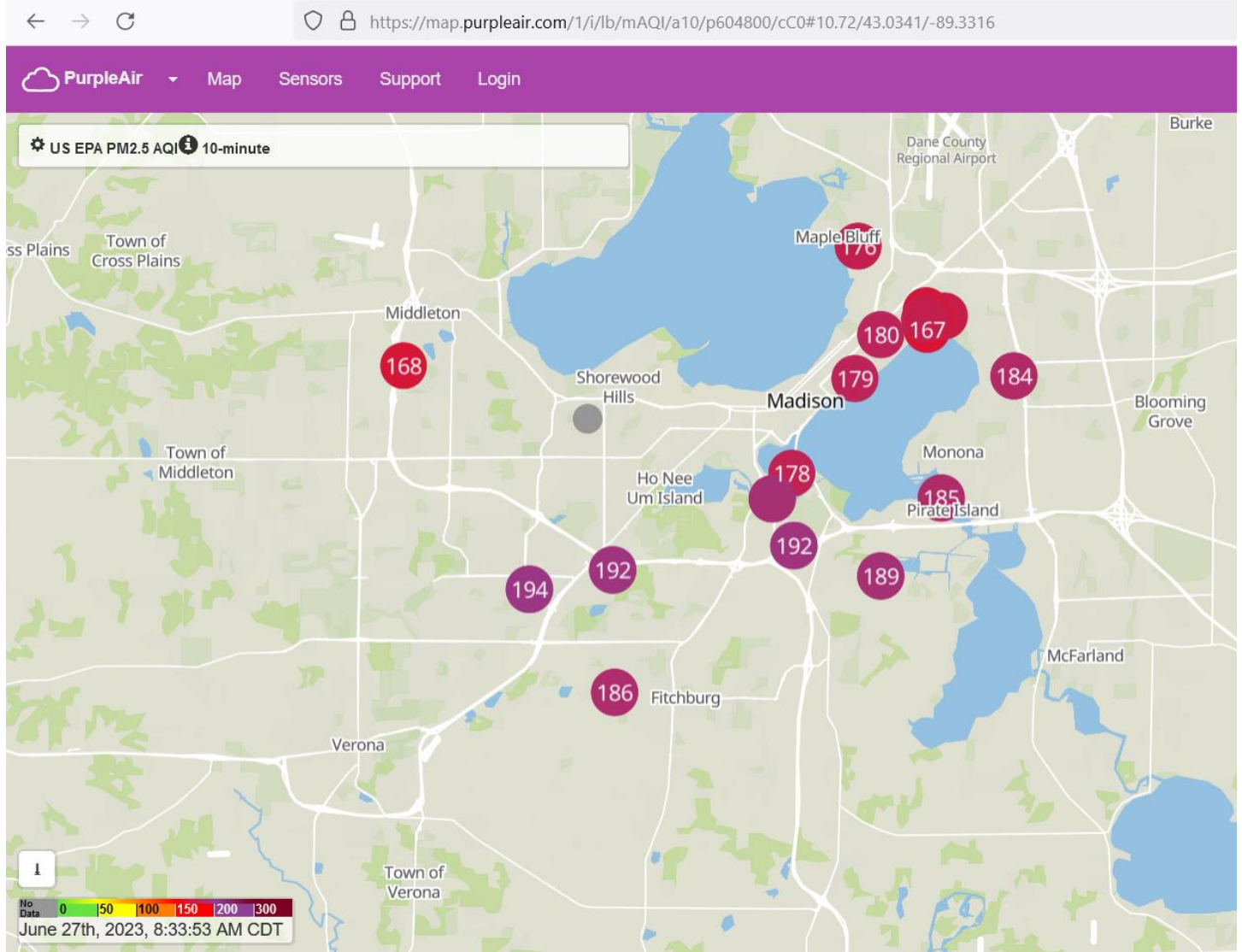
[Air Pollution Linked to Worse Outcomes for COVID-19 Patients - Physician's Weekly](#)

Physician's Weekly

PM2.5 (per 0.5 µg/m³) and NO₂ (per 3.6 µg/m³) were associated with COVID-19 incidence (hazard ratios, 1.10 and 1.18, respectively), ...

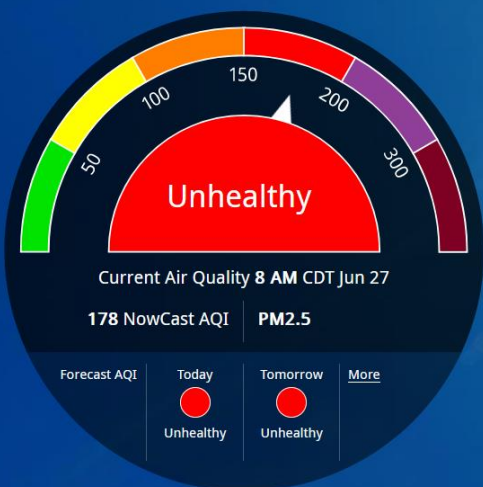
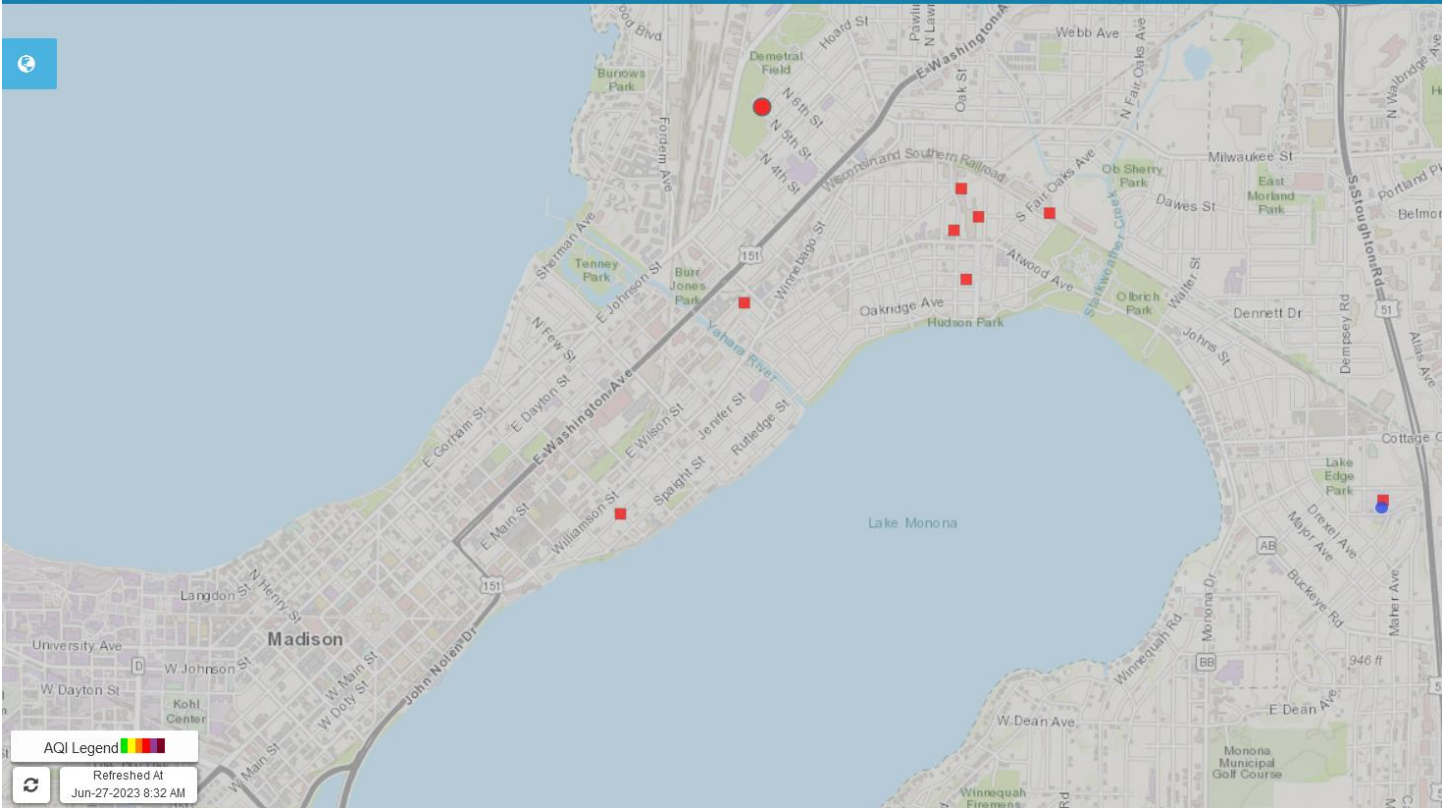
Residents Against Wood Smoke Emission Particulates, see <https://RAWSEPresidents.wordpress.com> and click on the nearest right icon for the latest month, June 2023, of PDFs of articles with U R L's to search on. To the right of that, Stickers to handout for RAWSEP <https://rawsepresidents.wordpress.com/rawsep-sticker-templates-get-your-two-cents-in/> Games such as 1)Bingo for RAWSEP, 2)Crosswords for RAWSEP, 3)EndWoodSmokeJeopardy. 4)EndWoodSmokeMonopoly Games, 5) a RAWSEP Flyer, 6)the Un-Twist-it Game, and 7)“Vending Machines for PM2.5

monitors”, and icon links to 30 minute Youtube videos and Spotify podcasts as well as podcasts on Amazon Music Prime (free for Prime subscribers), podcasts.google.com, Cast Box, and Pocket Cast (Pocket Cast is only free on the phone App. Pocket Cast works on Apple phones) and, below those icons, icon links to monthly PDFs of articles with URL’s to search on, from May 2023 to May 2022.





Fire and Smoke Map v3.1



ZIP Code, City, or State

Madison, WI

Dane, Columbia, and Sauk Counties Reporting Area

- [Fire & Smoke Map](#)
- [Monitors Near Me](#)
- [Recent Trends](#)