

Dyson Air Quality Report shows it's healthier for most to be outdoors than breathing their Indoor air!



85% of countries experienced indoor air quality worse than outdoor for more than 6 months of 2022

The recent Dyson Air Quality Report showed it's healthier for most to be outdoors than breathing their Indoor air! Dyson's first Global Air Quality Connected Data project examined the Indoor Air Quality data from more than 2.5m connected Dyson air purifiers and here's what you need to know;

- The UK experienced **indoor air quality worse than outdoor** for 11 months out of 12 in 2022
- Two-thirds of countries experienced higher annual average indoor PM2.5 levels compared to outdoor in 2022. UK sees average annual indoor PM2.5 levels 23% higher than outdoor PM2.5
- All countries' monthly average **indoor PM2.5 level exceeded WHO long-term exposure guidance for at least 6 months in the year**. Among others, Canada, Denmark, Ireland and the Netherlands exceeded WHO guidance every month in the year
- Winter was the most polluted season in majority of geographies but London's most polluted season was Spring. March and January were the months with the highest levels of indoor air pollution in the UK.
- In an average 24h period, the most polluted time (PM2.5) fell between 6pm and midnight, coinciding with times when people are usually in their homes, and therefore exposed to these higher pollutant levels

From a wealth of data, this project focuses on two types of pollutant – PM2.5, and Volatile Organic Compounds (VOCs).

PM2.5 refers to particles as small as 2.5 microns in diameter; a typical human hair measures around 70 microns in diameter.

These particles are invisible to the naked eye, can be inhaled and are an area of increasing scientific and health research.

Sources include combustion – wood burners, or gas cooking and heating – pollens, pet dander and dust. VOCs are gas pollutants which include Benzene and Formaldehyde which are emitted from activities like cleaning or cooking as well as from products including deodorants and body sprays, candles, furniture and furnishings.

Just because you can't see something, doesn't mean it doesn't Exist! And the Dyson Air Quality report certainly proves the existence of poor indoor air quality indoors and the impact it has on occupant health.

[Dyson Air Quality Report in Full](#)

Why is Poor Indoor Air Quality a Problem?

According to the National Institute of Environmental Health Sciences; "Both short- and long-term exposure to **Indoor Air Pollution** can cause a range of health issues, including **respiratory diseases, heart disease, cognitive deficits, and cancer.**" For more details: [NIEHS report on indoor air impact.](#)

How Are VENTI helping Indoor Air Quality?



At VENTI Group, we are dedicated to our belief that **everyone** should have access to clean and healthy air.

"Our purpose is to promote healthier living by delivering fresh air through efficient and continuous mechanical ventilation."

To this end, we have sourced and vetted a growing portfolio of innovative & effective Ventilation products.

From Full House Ventilation systems such as our **Respiro One MVHR** (www.venti-group.com/product/mvhr/), and **UMIDEX** (www.venti-group.com/product/umidex/) to our decentralised ventilation equipment **FLUXO & ARIA** (for wet rooms).

We also have our small but mighty **PICO** (www.venti-group.com/product/pico/) tool which monitors Indoor Air Quality whilst being environmentally mindful!

Each of our Ventilation systems are chosen with the following qualities in mind:

- **Quality**
- **Innovation**
- **Affordability**
- **User friendly & Simple to install**

- **Easy to Maintain**
- **Low noise**
- **Low running cost**
- **Aesthetic appeal - what you can see of our systems is discreet & smart**
- **Energy efficient - Heat Recovery technology**

Get in touch with our team today: **www.venti-group.com/contact/** They will provide expert advice and guidance on the correct ventilation system for your project.

Together, we can improve Indoor Air Quality across the globe to ensure that Poor Indoor Air is replaced by Fresh, pure Indoor air!

Clean Indoor Air is an essential part of Healthy Living.