

Air quality index - What is AQI?

To know the level of air pollution, we usually rely on air quality index (AQI). So, what is the air quality index, how high is it harmful to human health?

Environmental pollution is one of the issues that many people are concerned about, especially air pollution because it directly affects the health of many people. To know the level of air pollution, we usually rely on air quality index (AQI). So, what is the air quality index, how high is it harmful to human health?

1. 7 simple ways to reduce air pollution in your home
2. Items that can protect your health from air pollution

1. What is the air quality index

Air Quality Index - AQI (Air Quality Index) is an index of daily air quality, used as a measure to know whether the air is clean or polluted, high level of pollution or low.



The higher the AQI, the lower the air quality, the higher the impact on people's health.

According to EPA calculations - the US Environmental Protection Agency, the AQI index with 5 main air pollution parameters:

AQI index with five main air pollution parameters includes:

1. Ozone ground: Produced when pollutants emitted from vehicles, factories . chemical reactions with sunlight.
2. Molecular pollution: assessed by the fine dust index PM 2.5 and PM 10.
3. Carbon monoxide (CO);
4. Sulfur dioxide (SO2).
5. Nitrogen dioxide (NO2).

To learn more about fine dust, you can refer to the article 'What is fine dust? The harmful effects of inhaling ultra-fine dust in the air you need to know ' .

In order for people to easily understand the AQI, EPA has specified a specific color for each value range of AQI and corresponding to each air quality and level of impact on human health.

Chất lượng không khí	Khoảng giá trị AQI	Mức độ cảnh báo y tế
Tốt	0 to 50	Không ảnh hưởng đến sức khỏe
Trung Bình	51 to 100	Ở mức chấp nhận được Nhóm nhạy cảm nên hạn chế thời gian ra ngoài
Kém	101 to 150	Ảnh hưởng xấu đến sức khỏe Nhóm nhạy cảm. Nhóm nhạy cảm nên hạn chế thời gian ra ngoài
Xấu	151 to 200	Nhóm nhạy cảm tránh ra ngoài Những người khác hạn chế ra ngoài
Rất xấu	201 to 300	Cảnh báo sức khỏe khẩn cấp Ảnh hưởng đến tất cả cư dân
Nguy hại	301 to 500	Báo động: Có thể ảnh hưởng nghiêm trọng đến sức khỏe mọi người

Some countries in the world such as Canada, Malaysia, Singapore . have their own air quality index AQI.

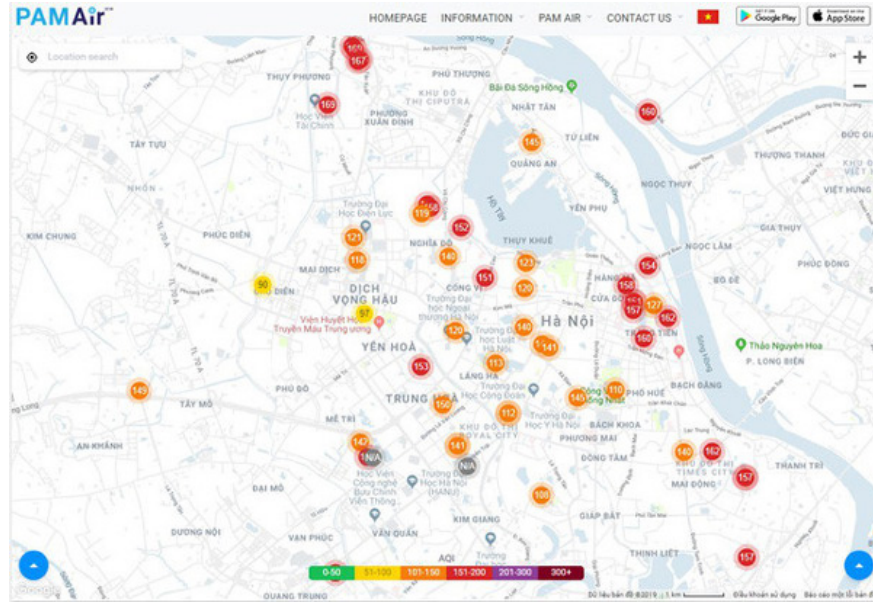
Note: The AQI reflects the air quality in a certain area at a certain time of the day.

Where should the air quality indicator be located to know the exact level of pollution?

To view the air quality index in the place where you live, you can visit the website or download one of the following applications to your phone:

1. Moitruongthudo.vn: Hanoi environmental monitoring portal, only air quality index in Hanoi area.
2. Pamair.org: This is a product of Vietnam with many stations across the country from North, Central and South.
3. Fairnet.vn: Only data of Hanoi and some Northern provinces.
4. Air Quality, AirVisual
5. Air Matters
6. Air Quality Index BreezoMeter
7. Air Quality Index Near Me

8. AirNow



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