

PM2.5

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Particulate matter 2.5 (PM2.5) refers to small particles in the air that are less than 2.5 micrometers (μm). It comes from sources such as ash and soot released from burning, and car exhaust. ($\mu\text{m} = 1/1,000,000\text{m}$)

As the particles are extremely small, they can easily enter deep into your lungs.

PM2.5 is considered bad for your lungs, nose, and throat.

2 Standards

Annual Average: Below $15\mu\text{g}/\text{m}^3$
Daily Average: Below $35\mu\text{g}/\text{m}^3$

Even if the level rise above standards, it does not mean you will immediately become ill.

Those with asthma or other respiratory or heart diseases should consider staying inside when levels are high.

3 Monitoring in Yamaguchi Prefecture

Yamaguchi Prefecture has machines in 17 locations, monitoring PM2.5 levels 24 hours a day.

[Atmospheric Conditions in Yamaguchi Prefecture](#)

