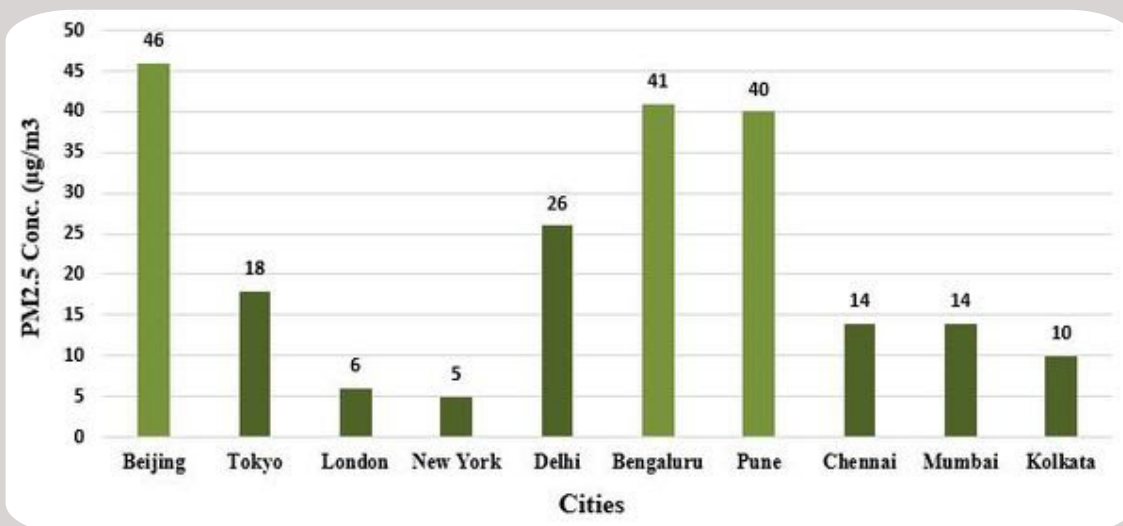


CERCA Weekly Newsletter



Centre of Excellence for Research on Clean Air (CERCA)
Indian Institute of Technology Delhi

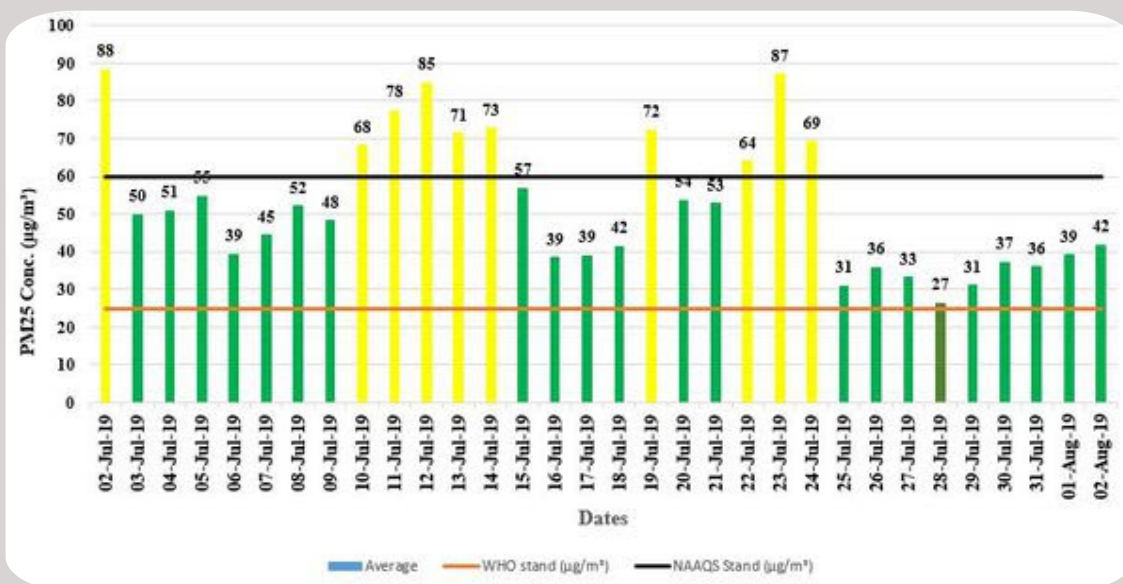
Air Quality in different cities »



August 23, 2019, 11:00-12:00 IST (Hourly Average)

Data Source: Berkeley Earth

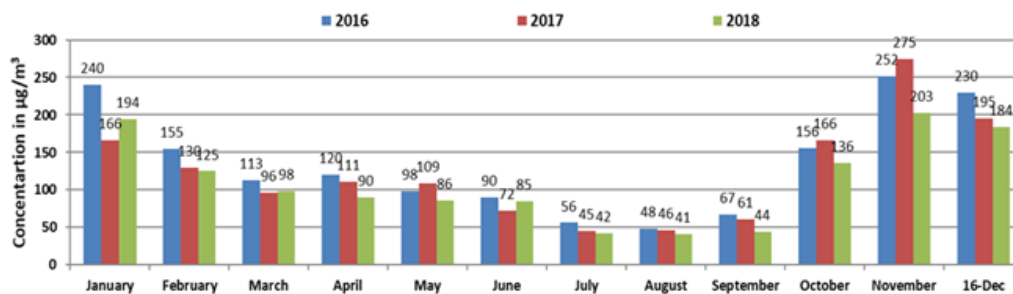
Delhi air quality for last 30 days »



Average PM2.5 Air Quality for 10 stations in Delhi

Data Source: CPCB

Delhi long term air quality trend »



About 18 % decrease in PM2.5 levels in October, about 26 % in November and about 6 % in December 2018 in comparison to corresponding months in 2017 have been observed.

Data Source: CPCB

Air quality health impacts »

Air quality	AQI Category (range)	PM2.5 24-hr (range)	Likely Health Impacts
Good	0-50	0-30	Minimal Impact
Satisfactory	51-100	31-60	May cause minor breathing discomfort to sensitive people
Moderately polluted	101-200	61-90	May cause breathing discomfort to the people with lung disease such as asthma and discomfort to people with heart disease, children and older adults
Poor	201-300	91-120	May cause breathing discomfort to people on prolonged exposure and discomfort to people with heart disease with short exposure
Very Poor	301-400	121-250	May cause respiratory illness to the people on prolonged exposure. Effect may be more pronounced in people with lung and heart diseases
Severe	401-500	250+	May cause respiratory effects even on healthy people and serious health impacts on people with lung/heart diseases. The health impacts may be experienced even during light physical activity

About

Data Source: CPCB

Thought Leadership »



How to Reduce Exposure to Air Pollution

Scientists have linked dirty air to a long list of health problems, and the danger can seem all the more frightening because, unlike with many other risks, we have no choice about breathing.

Source: The New York Times

New Measures and Initiatives »



No approval for KSPCB's plan to tackle air pollution

Failing to get approval for the action plan to control air pollution in Bengaluru, the Karnataka State Pollution Control Board (KSPCB) has submitted a revised plan.

Source: *The Hindu*



Regularly hearing air pollution issues of Delhi: SC

The Supreme Court on Monday said it is hearing matters related to severe air pollution in Delhi and National Capital Region "day in and day out" so that people, especially the children, could breathe clean air.

Source: *Deccan Herald*

Health Impact »



Air pollution linked to premature death risk

Exposure to toxic air pollutants is linked to increased deaths due to cardiovascular and respiratory diseases, warn researchers.

Source: *The Pioneer*



Eye Disease linked to Air Pollution

A new study now adds another worrisome pollution-related risk: eye disease.

Source: *Time*

International Developments »



Australian power stations among world's worst for toxic air pollution

Coal-fired stations in Victoria's Latrobe Valley and NSW's Lake Macquarie region among biggest hotspots for deadly sulphur dioxide, report finds.

Source: *The Guardian*

Morocco Among Top 25 Countries Worldwide Causing Air Pollution



Morocco, along with five other countries from the Middle East and North Africa (MENA) region, are in the top 25 countries emitting Sulfur Dioxide (SO₂), one of the most air polluting and harmful gases.

Source:Morocco World News

New Research (study) or Policy »



Sources and factors influencing air pollution

Prof. S.N. Tripathi, IIT-Kanpur, did extensive research on the issue in the NCR region, said the primary PM emitted in the nearby region either through transport emissions or biomass undergo complex processes in the air and reach New Delhi.

Source:The Hindu



Bengaluru one of the most polluted cities in country

Bengaluru is listed as one of the 102 Indian cities listed by the National Clean Air Programme (NCAP) committee as non-attainable cities. The city finds its place because of the poor air quality and rise in particulate matter (PM)₁₀ for the last five years.

Source:New Indian Express

New Technology »



Inside India's messy electric vehicle revolution

India's embrace of electric vehicles has been disorganized, like so much else in the country.

Source:Economic Times



Transport ministry wants lower GST on hybrid vehicles

The transport ministry has written to the finance ministry asking for the goods and services tax on hybrid vehicles to be reduced from 28%.

Source:Economic Times

CONTACT US

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