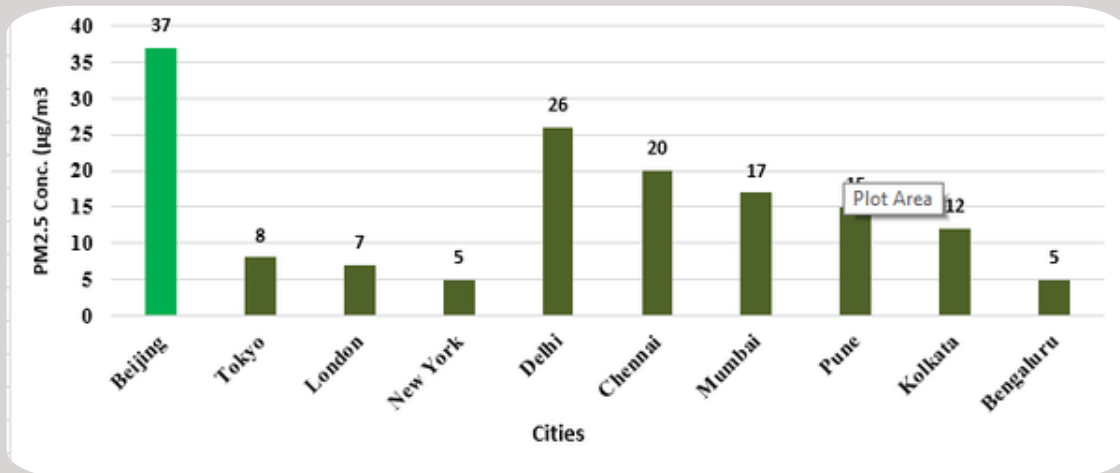


CERCA Weekly Newsletter



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

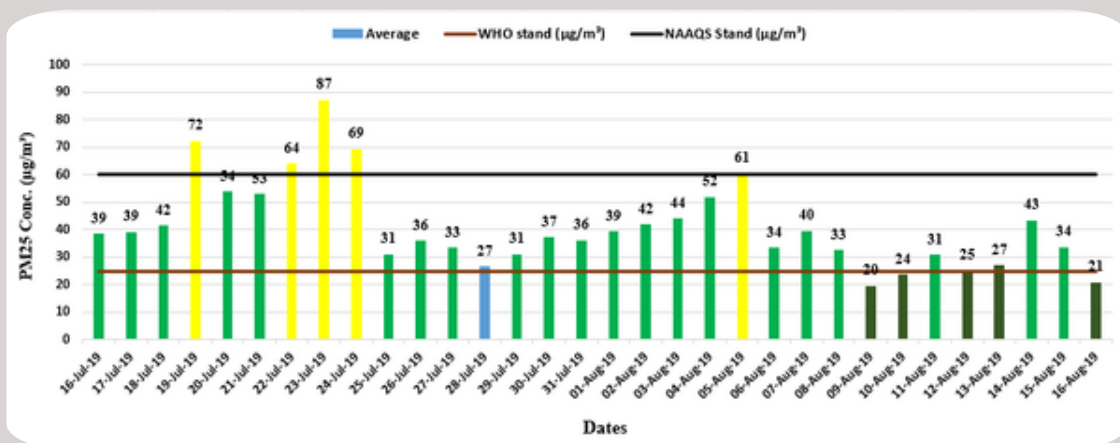
Air Quality in different cities »



September 06, 2019, 11:00-12:00 IST (Hourly Average)

Data Source: Berkeley Earth

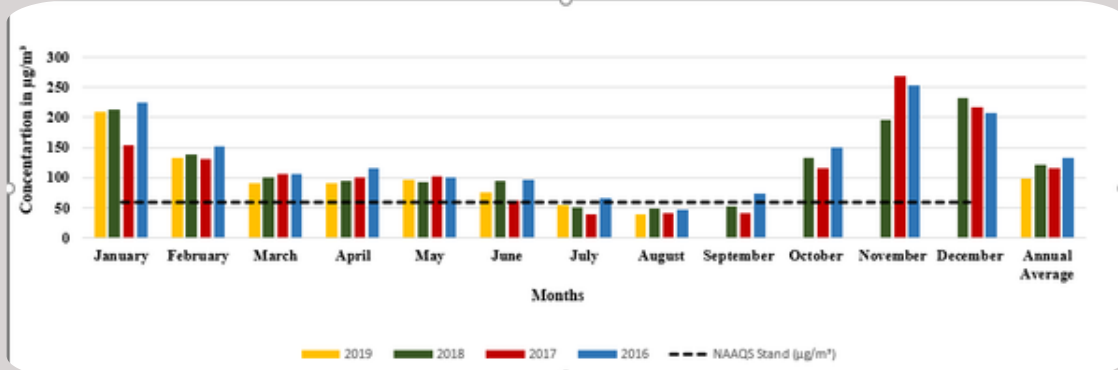
Delhi air quality for last 30 days »



Average PM2.5 Air Quality for 10 monitoring stations in Delhi

Data Source: CPCB

Delhi long term air quality trend »



Marginal improvement have been observed in average air quality for the year 2019 in comparison to 2018, 2017 and 2016.

Data Source: Data from 10 monitoring stations (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 »

IIT Delhi steps in to curb pollution in Mandi Gobindgarh; PPCB signs MoU



MOU has been signed between IIT Delhi and Punjab Pollution Control Board to carry out Source Apportionment Study of the air pollution sources in nine cities including Mandi Gobindgarh, Khanna Jalandhar, Amritsar, Ludhiana, Patiala, Naya Nangal, Dera Bassi.

Source: The Times of India



There's got to be enough politicians who care about air quality

Congress MP Shashi Tharoor on Thursday expressed disappointment over the "very limited" discussion on air quality in Parliament and said there should be enough people in the political space who care about this issue. .

Source: The Times of India

Health Impact »



NIH researchers tackle questions on air pollution and pregnancy

National Institutes of Health scientists responded to concerns about air pollution, pregnancy, and child health.

Source: The NIH



Air pollution linked to bipolar disorder, depression

The World Health Organization links it to deadly diseases like lung cancer and stroke, and new research suggests that polluted regions see more cases of neurological disorders like depression and bipolar disorder.

Source: National Geographic

International Developments »



Bavaria MP's could face prison over air pollution 'inaction'

The European Court of Justice will consider sending Bavarian MPs to jail over 'consistent inaction' on air pollution.

Source: Air Quality News



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 »



Delhi needs to cut pollution level by 65% to meet air quality standard

According to CPCB data, the three-year average of PM 2.5 (particulate matters with less than 2.5 microns width) levels during 2016-2018 was 25% lower than the 2011-2014 baseline.

Source:Live Mint



Kottayam among 5 highly air-polluted districts

A latest study commissioned by Mahatma Gandhi University, Kottayam, has shown that the presence of dust particles causing air pollution is the highest in Kottayam, Ernakulam, Kannur, Wayanad and Palakkad districts.

Source:Mongabay

New Technology »



Going electric proving tough for Bengaluru autos

The city's wait for electric autorickshaws continues. Proposals to introduce them, despite receiving political support, have met with delays.

Source:Economic Times



Ashok Leyland gets BSVI certification for heavy duty truck range

Its entire range of heavy duty trucks has been upgraded to meet BS-VI emission norms, which come into force from April 1, 2020. The company has become the first Indian original

equipment manufacturer (OEM) to meet BS-VI emission norms across its full range of heavy duty truck.

Source: *Economic Times*

For more details visit <http://cerca.iitd.ac.in/>

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