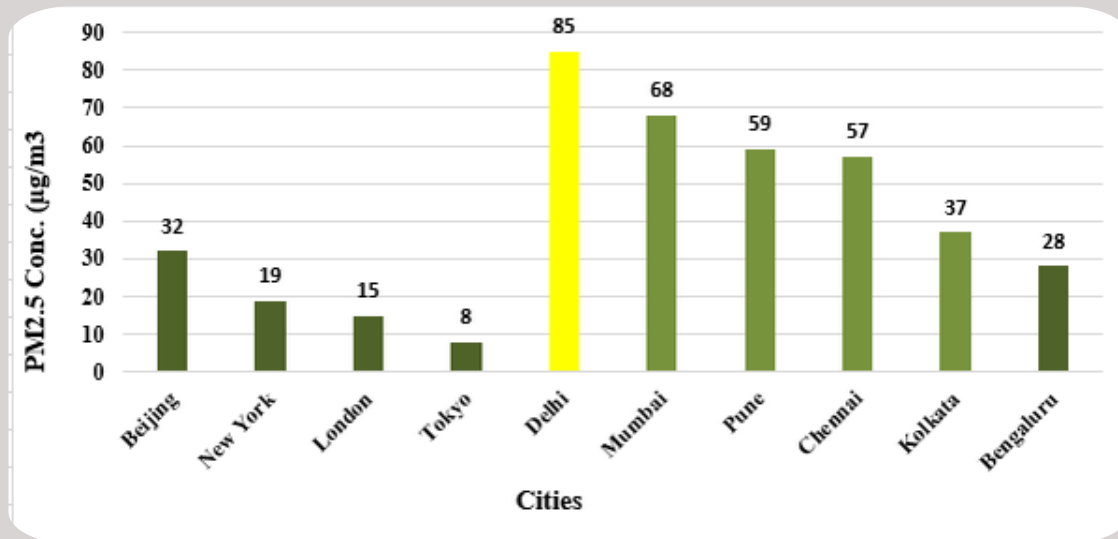


CERCA Weekly Newsletter



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

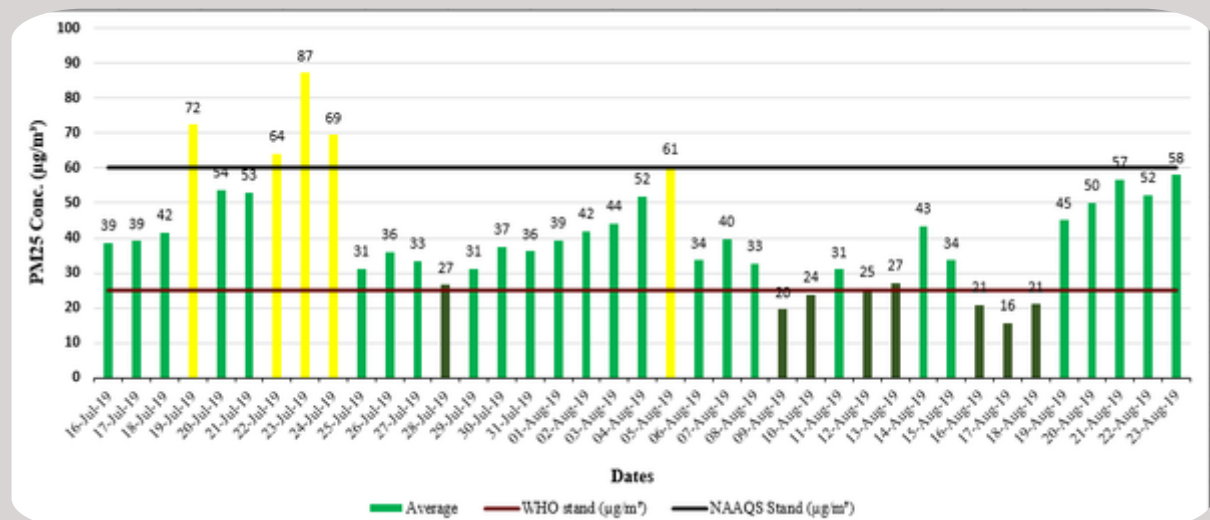
Air Quality in different cities »



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

Data Source: Berkeley Earth

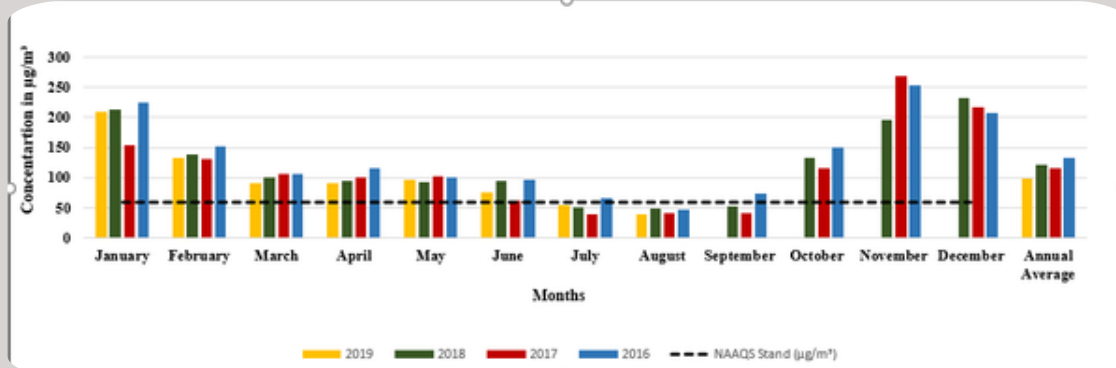
Delhi air quality for last 30 days »



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

Data Source: CPCB

Delhi long term air quality trend »



Average Air Quality has marginally improved in 2019 w.r.t 2018, 2017 and 2016.

Data Source: 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 »



Combating Air Pollution

The recent initiative regarding working on a plan to bring down air pollution due to the stubble burning in the NCR is a welcome move that should spur similar action by the governments of the adjoining states as well..

Source: The Business Standard

New Measures and Initiatives »

Credible monitoring mechanism establish to curb air pollution: Haryana Govt.



Source: *The Hindu*

Directions has been issued by NGT to Haryana Chief Secretary to adopt appropriate ground-level mechanisms to monitor air quality and prevent pollution.



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 »



Air pollution linked to increases in violent criminal behavior

ew research from the University of Minnesota School of Public Health and Colorado State University shows that breathing dirty air—even for just a day—likely causes people to become more aggressive and violent.

Source: *Medical Express*



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 »



Council launches consultation in bid to tackle poor air quality

Newham Council has launched its latest Draft Air Quality Action to tackle air pollution in the borough over the next five years.

Source: *Air Quality News*



Bulgarian Government Has Adopted the National Air Pollution Control Program 2020-2030

The Council of Ministers has adopted a National Air Pollution Control Program 2020-2030. The aim is to reduce emissions of sulfur dioxide, nitrogen oxides, ammonia and fine particulates.

Source:Novinite

New Research (study) or Policy »



ORR has severe air quality among B'luru stretches

The 60-km Outer Ring Road (ORR), is the most-polluted stretch in the city when it comes to air quality, a study has revealed.

Source:Live The Times of India



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:The Hindu

New Technology »



MahaMetro ropes in Kinetic Green to provide e-rickshaws for last mile connectivity

As a pilot project, the e-rickshaw service will be available to commuters at six metro stations in Nagpur

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.

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

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