

CERCA Weekly Newsletter

February 08, 2019

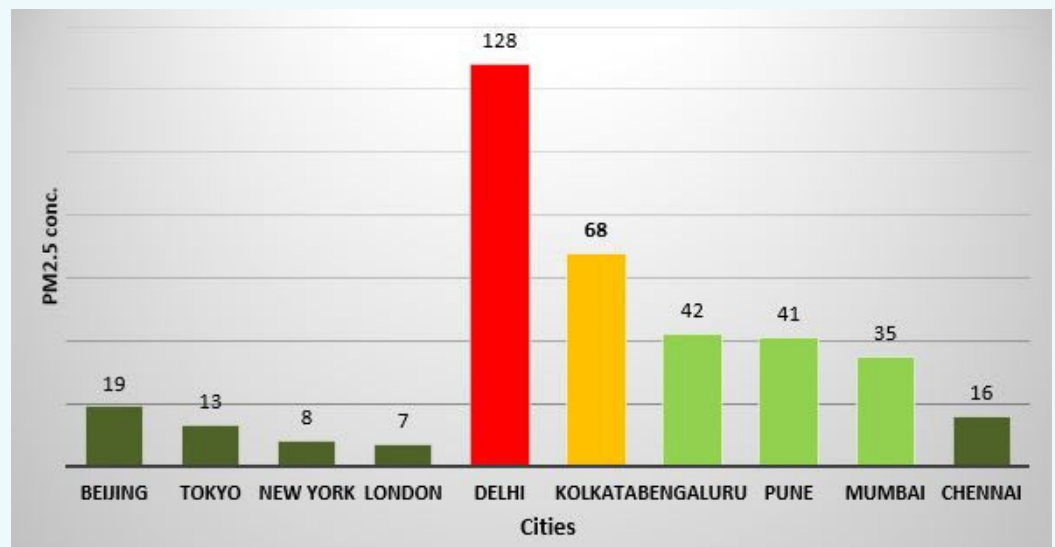
Center of Excellence for Research on Clean Air



Indian Institute of Technology, Delhi



Air Quality in different cities

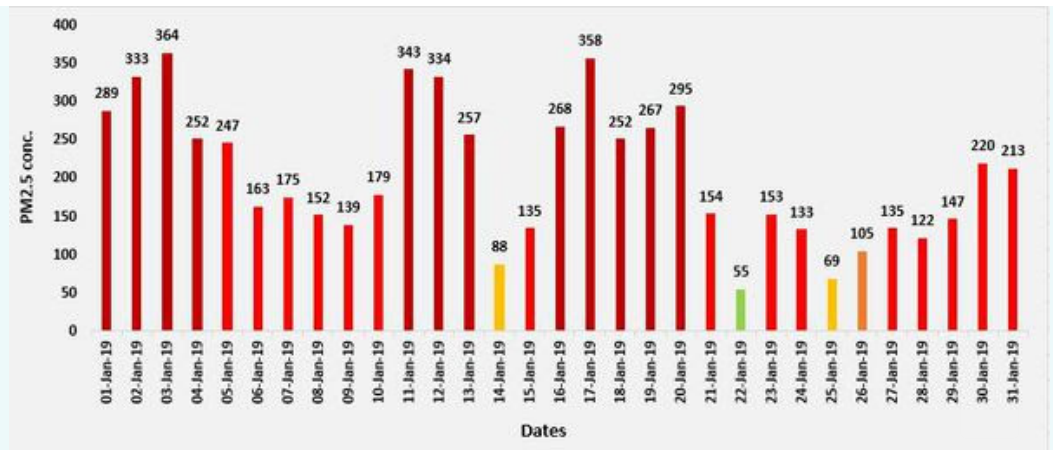


Delhi maintain its leadership in poor air quality.

February 07 2019, 10:00-11:00 IST (Hourly Average)

Data Source: Berkeley Earth

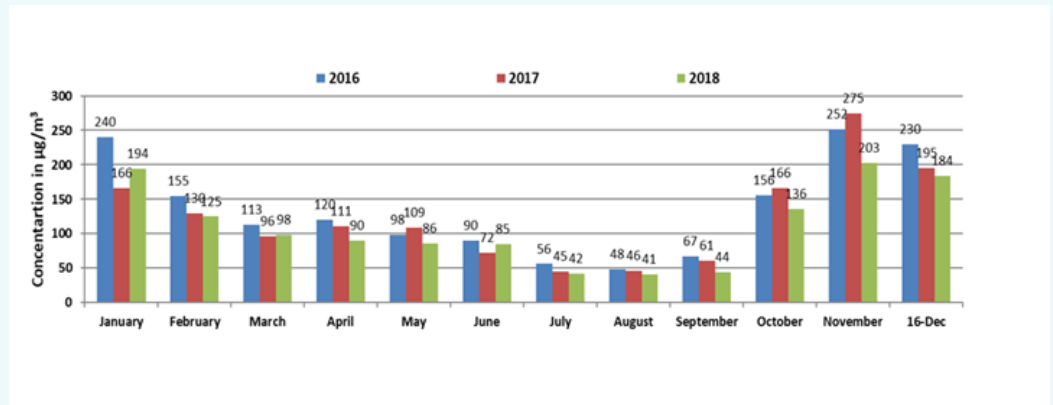
Delhi air quality for last 30 days



Average PM2.5 Air Quality for 10 stations in Delhi. Delhi has seen four better air quality days.

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.

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

Thought Leadership

[Mental health and air pollution](#)

<https://dailytimes.com.pk/352012/mental-health-and-air-pollution/>

Source: *Dailytimes*

New Measures and Initiatives

[New rules for schools: Stop outdoor activities if air pollution index hits 100](#)

Schools are to halt all outdoor and sports activities whenever the air Quality index (AQI) reading in their respective districts breaches the 100 mark.

<https://www.hindustantimes.com/delhi-news/as-delhi-s-air-quality-dips-schools-begin-taking-anti-pollution-measures/story-gy5gkBjLg1APUYlo2ObrpK.html>

Source: *Hindustan Times*

[Patiala only Indian city with clean air](#)

Only Patiala among 74 cities assessed by the Central Pollution Control Board (CPCB) met the national safe air standards as on February 4, 2019, said a CPCB daily bulletin.

https://www.business-standard.com/article/current-affairs/patiala-only-indian-city-with-clean-air-as-new-anti-pollution-plan-stumbles-119020600098_1.html

Source: *Business Standard*

Health Impact

[Air pollution is degrading children's health](#)

UNICEF UK has today warned that the level of air pollution in the UK is damaging children's health.

<https://www.bhf.org.uk/what-we-do/news-from-the-bhf/news-archive/2019/february/child-health-experts-warn-air-pollution-is-damaging-childrens-health>

Source: British Heart Foundation

[Children obesity linked to air pollution](#)

Exposure to air pollution, particularly at school, could be associated with a higher risk of overweight and obesity during childhood.

<https://www.sciencedaily.com/releases/2019/01/190131101057.htm>

Source: Science Daily

International Developments

[London's Mayor launches world's largest air quality monitoring network, in London](#)

The Mayor of London, Sadiq Khan, has today launched the worlds most advanced and comprehensive network of air quality monitors to help investigate and improve London's toxic air.

<https://cen.acs.org/environment/pollution/London-starts-worlds-largest-air/97/web/2019/02>

Source: Chemical & Engineering News

[PM, Bangkok Governor and environment board summoned to court over air pollution](#)

The Thai PM, Bangkok's governor Aswin Kwanmuang and the National Environment Board were summoned to the Central Administrative Court today over the PM2.5 air pollution crisis that has affected Greater Bangkok for nearly two months.

<https://www.straitstimes.com/asia/se-asia/thai-prime-minister-bangkok-governor-to-face-court-over-air-pollution>

Source: Straits Times

New Research (study) or Policy

[New rules for schools: Stop outdoor activities if air pollution index hits 100](#)

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<https://www.hindustantimes.com/delhi-news/as-delhi-s-air-quality-dips-schools-begin-taking-anti-pollution-measures/story-gy5gkBjLg1APUYlo2ObrpK.html>

Source: Hindustan Times

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Source: Business Standard

New Technology

10 lakh EVs in five years in Andhra Pradesh!

Under the new policy, the state of Andhra Pradesh will have 10 lakh electric vehicles (EV) across all segments and 1 lakh standard and fast charging stations by the year 2024. There is also a Rs 500 Crore grant for R&D on EVs.

<https://auto.economictimes.indiatimes.com/news/policy/andhra-pradesh-to-deploy-10-lakh-electric-vehicles-and-1-lakh-charging-station-by-2024/67878013>

Source: Economic Times

State regulators approve electric-vehicle incentive plan for TEP

Tucson Electric Power customers who own electric vehicles could soon get new incentives for charging them at home, under a pilot program approved by state regulators.

https://tucson.com/business/state-regulators-approve-electric-vehicle-incentive-plan-for-tep/article_4a128813-4c4e-5aa3-ac83-3db536c18f3c.html

Source: Tucson

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

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