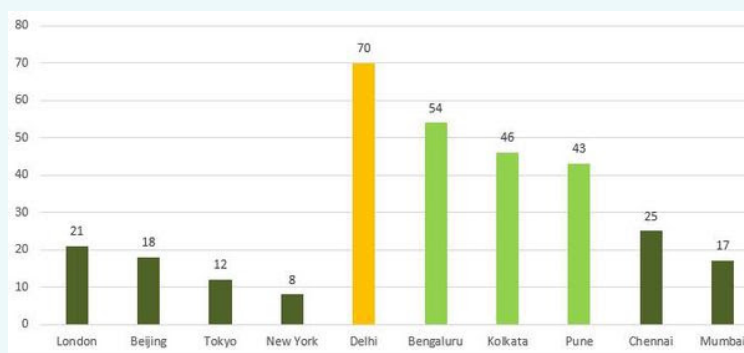




Air Quality in different cities



March 22, 2019, 11:00-12:00 IST (Hourly Average)
Data Source: Berkeley Earth

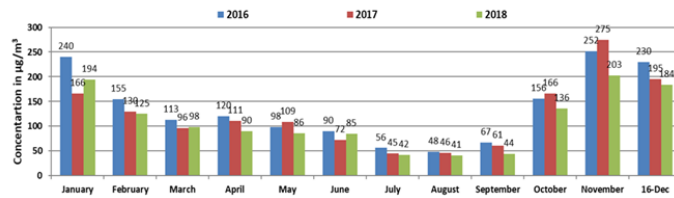
Delhi air quality for last 30 days



Average PM2.5 Air Quality for 10 stations in Delhi. Delhi has seen few 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

[The Hidden Air Pollution in Our Home](https://www.newyorker.com/magazine/2019/04/08/the-hidden-air-pollution-in-our-homes)

<https://www.newyorker.com/magazine/2019/04/08/the-hidden-air-pollution-in-our-homes>

Source: Newyorker

New Measures and Initiatives

[IIT Delhi, CERCA to Propose Measures to Control Air Pollution in City To Centre](https://www.ndtv.com/india-news/iit-delhi-to-propose-measures-to-control-air-pollution-in-city-to-centre-2006008)

IIT-Delhi, which has a Centre of Excellence for Research on Clean Air, meant for research to study air pollution issues in Delhi-NCR region, is working closely with the Central Pollution Control Board on the issue.

<https://www.ndtv.com/india-news/iit-delhi-to-propose-measures-to-control-air-pollution-in-city-to-centre-2006008>

Source: NDTV

[Green Court Directs 6 States to Provide Action Plan on Air Pollution](https://www.ndtv.com/india-news/national-green-tribunal-directs-6-states-to-provide-action-plan-on-air-pollution-2008960)

The National Green Tribunal (NGT) has directed six states to submit action plans for bringing air quality standards within the prescribed norms by April 30.

<https://www.ndtv.com/india-news/national-green-tribunal-directs-6-states-to-provide-action-plan-on-air-pollution-2008960>

Source: NDTV

Health Impact

[In India, air pollution is the third-highest cause of death among all health risks: report](#)

The current high level of air pollution has shortened the average lifespan of a South Asian child by two-and-a-half years while globally the reduction stands at 20 months.

<https://www.thehindu.com/sci-tech/energy-and-environment/over-12m-early-deaths-in-india-in-2017-due-to-air-pollution-report/article26719117.ece>

Source: *The Hindu*

[Air pollution is killing more people than smoking.](#)

A new study finds that air pollution caused by fossil fuel emissions is killing millions

<https://psmag.com/environment/air-pollution-is-killing-more-people-than-smoking-and-fossil-fuels-are-largely-to-blame>

Source: *Pacific Standard*

International Developments

[Air Pollution Map Shows Which Hot Spots in the US Affect Children's Health](#)

First-of-its-kind, county-by-county interactive heat map and city-by-city table detailing the distribution of childhood asthma due to nitrogen dioxide across the US in both 2000 and 2010.

<https://www.inverse.com/article/54998-air-pollution-in-the-us-map-children-asthma-cases-health>

Source: *Inverse*

[Top EPA advisers challenge long-standing air pollution science, threatening Americans' health](#)

Americans rely on the Environmental Protection Agency to set pollution control standards that protect their health.

<http://theconversation.com/top-epa-advisers-challenge-long-standing-air-pollution-science-threatening-americans-health-115026>

Source: *The Conversation*

New Research (study) or Policy

[Air pollution from corn kills thousands of people each year](#)

The pollution is produced by fertilizers and highlights how agriculture is also a significant contributor to air pollution. Corn alone is responsible for killing 4,300 Americans each year.

<https://www.theguardian.com/environment/2019/apr/16/tell-us-your-experiences-living-with-poor-air-quality-in-the-uk>

Source: *The Guardian*

[The relation between climate change and air pollution](#)

The link between the two is becoming clearer with each passing year. It is time we also recognise and give it the attention it deserves.

<https://www.downtoearth.org.in/blog/climate-change/how-global-warming-and-air-pollution-converge-63639>

Source: *Down to earth*

New Technology

[Cheap and Simple Test Devices for Car Emissions Developed By European Engineers](#)

Cheap and simple devices that could help to effectively test the functioning of particle filters have been developed by engineers working to tackle carcinogenic pollution.

<https://auto.ndtv.com/news/engineers-develop-cheap-simple-tests-for-car->

Source: NDTV

[Delhi Govt. Releases Global Tenders for 375 Electric Buses To Fight Air Pollution In The City](#)

Delhi Transport Minister Kailash Gahlot said the 375 e-buses will form the first phase of the procurement of the 1,000 buses.

<http://www.newindianexpress.com/cities/delhi/2019/mar/11/delhi-govt-floats-global-tenders-for-375-e-buses-1949529.html>

Source: Indian Express

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

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