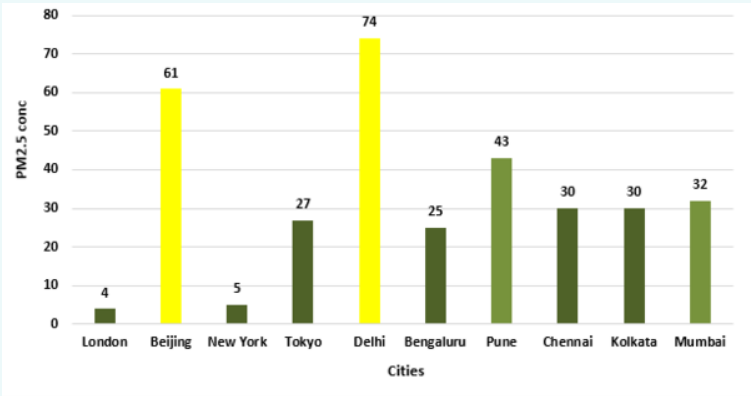


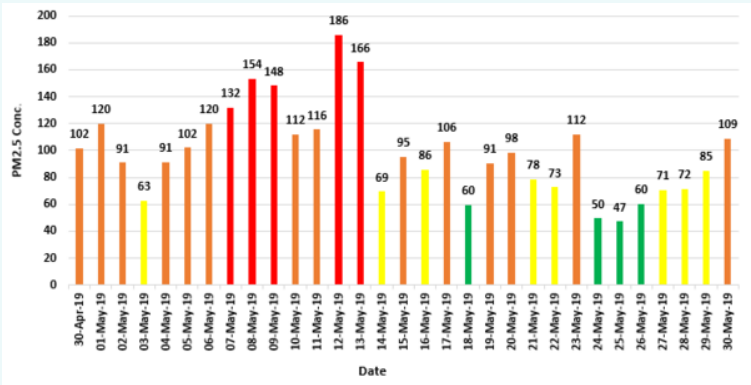


Air Quality in different cities



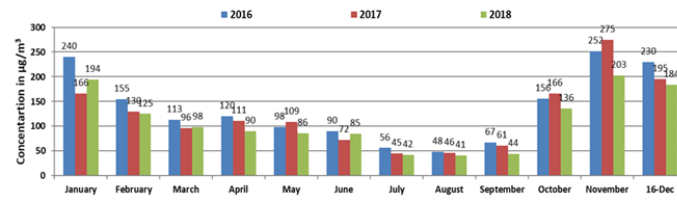
June 21, 2019, 11:00-12:00 IST (Hourly Average)
Data Source: Berkeley Earth

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.

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

[Giving air pollution a face](https://www.livemint.com/mint-lounge/features/giving-air-pollution-a-face-1559876731656.html)

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Source: Livemint

New Measures and Initiatives

[Javadekar cites Delhi example to show success of central efforts to clean air](https://timesofindia.indiatimes.com/home/environment/pollution/javadekar-cites-delhi-example-to-show-success-of-central-efforts-to-clean-air-states-asked-to-implement-ncap/articleshow/69679592.cms)

The Centre on Thursday asked states to start implementing their respective clean air programmes and share difficulties, if any.

<https://timesofindia.indiatimes.com/home/environment/pollution/javadekar-cites-delhi-example-to-show-success-of-central-efforts-to-clean-air-states-asked-to-implement-ncap/articleshow/69679592.cms>

Source: Times of India

[Shifting crop-burn timing reduces air pollution](https://cosmosmagazine.com/climate/shifting-crop-burn-timing-reduces-air-pollution)

Delayed planting and harvesting also shift residue burning from the last week of October to the first fortnight of November, a period during which prevailing winds are weaker and the dispersion of pollutants slows.

<https://cosmosmagazine.com/climate/shifting-crop-burn-timing-reduces-air-pollution>

Source: Cosmos Magazine

Health Impact

[New international initiative stresses need for global action on air pollution as health impacts remain high](#)

The National Academies of Sciences and Medicine from South Africa, Brazil, Germany, and the United States of America have joined forces to issue an urgent call to action on harmful air pollution.

<https://phys.org/news/2019-06-international-stresses-global-action-air.html>

Source: Phys

[Life expectancy in India down by 2.6 yrs due to air pollution: Study](#)

Air pollution is now the third highest cause of death among all health risks ranking in India.

<https://www.thehindubusinessline.com/news/science/life-expectancy-in-india-down-by-26-yrs-due-to-air-pollution-study/article27812942.ece>

Source: The Hindu Businessline

International Developments

[Car-free day in London to tackle air pollution](#)

Roads will be closed for the event around London Bridge, Tower Bridge and much of the City of London to help tackle the capital's air pollution crisis, which kills thousands of people.

<https://www.theguardian.com/environment/2019/jun/20/sadiq-khan-announces-car-free-day-in-london-to-tackle-air-pollution>

Source: The Guardian

[Israeli experts voice concern over air pollution at environment conference](#)

Air pollution in Israel has posed a significant problem to the environment and health, participants told Xinhua during a leading annual conference on science and environment in Israel.

http://www.xinhuanet.com/english/2019-06/21/c_138159983.htm

Source: Xinhuanet

New Research (study) or Policy

[Climate change affects major crops in India: Study](#)

India's grain production is vulnerable to climate change, say scientist who have found that the yield of the country's rice crop can significantly decline during extreme weather conditions.

<https://timesofindia.indiatimes.com/home/environment/global-warming/climate-change-affects-major-crops-in-india-study/articleshow/69837083.cms>

Source: Times of India

[EU leaders to debate push for zero emissions by 2050](#)

EU leaders will this week discuss setting a target of zero net greenhouse gas emissions by 2050, European officials said.

<https://www.thehindu.com/sci-tech/energy-and-environment/eu-leaders-to-debate-push-for-zero-emissions-by-2050/article28022328.ece>

Source: The Hindu

New Technology

[Indians shifting to hybrids on green policies, carmakers' push](#)

As many as 39% of the respondents in the country said they would prefer a hybrid, a battery or an alternate powertrain-powered vehicle when buying their next vehicle.

<https://economictimes.indiatimes.com/industry/auto/auto-news/indians-shifting-to-hybrids-on-green-policies-carmakers-push/articleshow/69883514.cms>

Source: *Economic Times*

[GST on electric vehicles may be reduced to 5%.](https://economictimes.indiatimes.com/industry/auto/two-wheelers-three-wheelers/gst-on-electric-vehicles-may-be-reduced-to-5/articleshow/69850549.cms)

The GST Council is set to take up the proposal at its June 20 meeting, said a govt. official aware of the development.

<https://economictimes.indiatimes.com/industry/auto/two-wheelers-three-wheelers/gst-on-electric-vehicles-may-be-reduced-to-5/articleshow/69850549.cms>

Source: *Economic Times*

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

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