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India's smaller cities, too, face threat of pollution

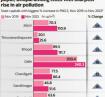
BY NANDITA VENKATESAN

es in India have air pollution that goes past the safe limit, an analysis of official data shows

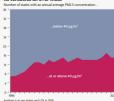
Beyond Delhi: A look at how air pollution panned out in India this year



laipur, Bhopal among cities with sharpe



Air pollution has gradually spread its tentacles all over India



or northern india, winter is when poor air quantly rules the headlines. In Delhi, pollution reaches nearly 100 times the global safe limit, leading to ey watering smog, taking it to the list of the most polluted cities globally. But while bad air may come across as a

metro-city problem for much of the year, and a north Indian problem in early winter, that's only the tip of t iceberg, data shows.

Last month, when pier DWali rain partiy insulated Debli vi when per DWali rain partiy insulated most polluted locations in India the most polluted locations in India the most golduted locations in India the most grip of the selswitties were in Bilbar and Odiska, far away from the sigliz of metros, data from the Centria Plotal was just ofton the Board (PCPB) showed. But DWali was just one example: in many non-metro cities, the average day level of the PM252 pollutant through the year exceeds the safe zone.

(PM2.5 is fine particulate matter that can penetrate the lung barrier and enter the blood system.)

cities) confirms this. Out of 54 such cities with available data, 37 have averaged PM2.5 levels above India's standard of 40 micrograms per cubic metre (ug/m³) in 2023 so far, showed the analysis shared by Respirer Living Sciences, a climate tech startup that tracks official air quality data. (The World Health Organization, or WHO, uses a much stricter safe PM2.5 limit of 5 after Diwali were in

of 5 μg/m³), The Interpret.

White Telela and Grangram were the most polluted, next on the Isle was Pains (80 µg mls. Braugslapar in Bilara, next on the Isle was Pains (80 µg mls. Braugslapar in Bilara, 80 km granger, 10 µg mls. 10 µ

the 15 state capitals with available data, seven saw higher PMZ-15 levels has mouth than in November 2019. "Megacities have attracted the attention of scientific communities from the viewpoint of research and data collection, and of government bodies to take control measures. 'Ranji kimar Sinha, an environmentalist' who tracks air quality in Agra, where he is assistant professor of chemistry at Dayalbagh fibractional frustitute, said. 'The situation in smaller clies will worse in the search eye was a mether are their residents, amount in the search eye was a mether are their residents amount



An average Delhiite will gain 8+ years in life from breathing better air 85 5.3 0 08.8 4.9 . . . Rhae 4.50 8

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of the grim air quality and its harmful effects, nor has the government paid due attention to them." Out to government pulse the attention to them.

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Open learning of sease and bloranes, burren land, mod Open learning of sease and bloranes, burren land, mod Open learning of the construction, register distribution and rising vehicle density are the major villains in small count india. Never pollutariss such as color, and latter attention to the construction of the construction

Some of the most polluted locations

programme lead at the Council on Energy, Environment and Water, a public policy think-tank. Coastal cities benefit from the regular sea breeze that spersion, he said. Bihar and Odisha

in India the morning

Health impact Having a bulk of India exposed to unsafe air quality is a ublic health threat. Inhaling unhealthy air is linked to a public health threat. Inhaling unhealthy air is linked to host of diseases such as ischemic heart disease, chronic obstructive pulmonary disease, lung cancer and pneumonia, according to the WHO. New research published in the British Medical Journal carlier this year showed that exposure to fine particulate matter (PM2.5) increased the risk of developing type-2 diabetes in two different Indian cities.

Intercased the risk of development, intercased the risk of development, intercased the risk of development, in the University of Chicago abo state that II Sulbi con the SPAZ 5 pollution to meet WHO s limit an average resident would live nearly 12 years longer. In Utst Pradesh, the gain would be of mice years, and in Biblar, eight years, Phrases such as "air emergency" and "toxic heil" may have been oversued to little and in Inspiration of the control of the risk of the nandita.venkatesan@livemint.com