

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UN-STARRED QUESTION NO. 3031**  
TO BE ANSWERED ON 06.12.2019

**Reports on Pollution**

3031. SHRI SUSHIL KUMAR SINGH:  
DR. MANOJ RAJORIA:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether as per reports of the World Health Organisation and other agencies/organisations several Indian cities are included amongst the top ten most polluted cities on the basis of presence of particulate matter 2.5;
- (b) if so, the details thereof along with the roadmap proposed and special mechanism put in place to deal with the situation;
- (c) the amount that has been set aside to deal with the issue of air pollution since 2000; and
- (d) whether any credible study has been conducted to examine the causes of air pollution and recommend solutions and if so, the details thereof?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**  
**(SHRI BABUL SUPRIYO)**

- (a) & (b) The government is aware that several private institution and universities, while adapting different methodologies, different data set and giving different weightages to the parameters are ranking the countries. The data used for ranking is extracted primarily from satellite imageries, which are not validated by proper ground truthing. Further, the methodology for ranking needs to be peer reviewed.

On the analysis of last five-year ambient air quality data (2014-2018), across the country, it is observed that most of the cities were within the National Standards with respect to parameters of SO<sub>2</sub> and NO<sub>2</sub>. With respect to PM<sub>10</sub> and PM<sub>2.5</sub>, 18 and 12 cities respectively showed decreasing trend. In reference to Delhi, there has been an overall improvement in air quality of Delhi in 2019 as compared to that of 2016. The number of 'Good to 'Moderate' days has increased to 175 in 2019 as compared to 108 in 2016.

Further, the Central Government launched National Clean Air Programme (NCAP) as a long-term, time-bound, national level strategy to tackle the air pollution problem across the country in a comprehensive manner with targets to achieve 20 % to 30 % reduction in PM<sub>10</sub> and PM<sub>2.5</sub> concentrations by 2024 keeping 2017 as the base year for the comparison of concentration. Under NCAP, 102 non-attainment cities

have been identified based on ambient air quality data for the period 2011 – 2015 and WHO report 2014/2018. The city specific Action Plans have been prepared and approved for ground implementation for all 102 non-attainment cities.

(c) State-wise details of funds released to various Agencies since last ten years for ambient air quality monitoring under National Air Quality Monitoring Programme (NAMP) is given at **Annexure-I**.

(d) Several studies have been conducted to identify major air pollution sources and their contributions to ambient air pollution levels in the country and it reveals that Transport, Industries, Agriculture Burning, Residential, Dust [Soil, Road & Construction], etc. are the main contributors to PM<sub>10</sub> and PM<sub>2.5</sub> concentrations.

\*\*\*





12	Himachal Pradesh SEP & PCB	3573 611	3404 167	4932 500	58133 33	3480 000	55783 33	-	101283 33	-	293093 34	139333 34
13	Jammu & Kashmir SPCB	-	-	-	14625 00	-	-	-	-	-	452800 0	193600 0
14	Jharkhand SPCB	1185 833	-	-	52916 67	1960 000	-	-	-	-	148931 67	-
15	Karnataka SPCB	1625 417	3565 333	2237 667	40958 34	2867 500	-	3541 67	674958 3	-	211346 67	-
16	Kerala SPCB	1922 916	3056 250	2712 916	72866 66	3808 333	-	6474 167	-	-	223200 00	-
17	Lakshdweep PCC	-	-	7010 00	-	-	-	-	-	-	-	-
18	Madhya Pradesh SPCB	2155 695	3072 500	3218 389	36800 00	5153 583	-	-	-	79844 17	135666 66	115773 33
19	Maharashtra SPCB	5132 583	6986 917	9185 000	57729 17	9428 750	74670 83	-	-	16316 919	305440 01	112706 67
20	Meghalaya SPCB	8976 67	5860 00	1984 500	30825 00	2496 667	22975 00	-	784583 3	-	144853 33	354133 3
21	Manipur SPCB	-	-	-	-	-	-	-	-	-	-	-
22	Mizoram SPCB	8100 00	-	4404 000	94500 0	4725 00	59316 67	1765 000	541333 3	42533 33	734666 7	464000 0
23	Nagaland SPCB	6233 34	2833 33	2466 348	15866 67	7933 33	13600 00	9066 67	-	36586 67	306133 3	134400 0
24	Odisha SPCB	1867 084	5230 000	3102 083	41200 00	3956 417	-	5734 583	-	58725 00	170800 01	-
25	Punjab SPCB	5860 00	-	-	12179 583	-	-	7795 417	-	-	203610 83	456533 3
26	Puducherry	4050 00	-	1260 000	11700 00	1266 000	-	-	-	51103 33	343200 0	211200 0
27	Rajasthan SPCB	2510 000	-	3543 750	26212 50	4788 750	-	-	421875 0	-	134346 67	-

28	Sikkim SPCB	-	-	2689 000	-	-	-	-	-	-	614933 4	757866 7
29	Tamil Nadu SPCB	-	-	4903 750	-	5327 000	43991 66	2358 333	-	-	168133 33	754933 3
30	Telangana SPCB	-	-	-	-	-	-	-	-	-	179850 00	-
31	Tripura SPCB	-	-	-	-	-	-	-	-	-	896000	597333
32	Uttar Pradesh SPCB	9416 445	3309 583	6855 417	31595 83	4150 000	95866 67	-	726333 3	-	313906 67	-
33	Uttarakhand EP&PCB	3683 33	-	-	43066 67	-	36943 34	-	408583 3	-	145440 00	-
34	West Bengal SPCB	1960 416	4069 000	7243 750	58737 50	-	-	-	-	-	194399 17	-
35	NEERI	-	9534 300	2673 000	26730 00	4860 000	-	7047 000	136120 00	22288 000	216000 00	140400 00
36	IIT Kanpur	-	-	--	-	4583 66	45000 0	3709 378	-	-	804017 7	194192 0
	<b>Total</b>	<b>5653 8751</b>	<b>5623 3716</b>	<b>9631 7320</b>	<b>10829 3417</b>	<b>7922 7282</b>	<b>72583 5000</b>	<b>5877 8462</b>	<b>6,86,32, 581</b>	<b>6,95,9 8,002</b>	<b>45,77,7 0,512</b>	<b>11,12,7 5,253</b>
	<b>Grand total</b>	Rs 118,12,23,948 (One hundred and eighteen crores twelve lakhs twenty three thousand and nine hundred and forty eight rupees only).										

