

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 2146
TO BE ANSWERED ON 06.08.2026

Air Quality Monitoring Infrastructure

2146. SHRI MANSOOR ALI KHAN:

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

- (a) the State/UT-wise number of air quality monitoring stations operational in the country, as on date;
- (b) the State/UT-wise financial assistance released under the National Air Quality Monitoring Programme for establishment, operation and maintenance of monitoring stations since 2021;
- (c) the State/UT-wise number of non-attainment cities, the funds released to each under the National Clean Air Programme and the expenditure reported there under; and
- (d) whether Government has assessed the adequacy of monitoring network and if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI KIRTI VARDHAN SINGH)

(a) to (d): CPCB has issued guidelines for establishing Ambient Air Quality Monitoring stations namely, “Guidelines for the Measurement of Ambient Air Pollutants (Volume-I: Guidelines for Manual Sampling & Analyses, and Volume-II: Guidelines for Real Time Sampling & Analyses)”. Further, CPCB has also issued “Technical Handbook for Installation, Maintenance, Calibration, Data Connectivity and Data Quality check of Continuous Ambient Air Quality Monitoring System (Real Time)”.

Concerned State Pollution Control Boards/Pollution Control Committees install and operate monitoring stations to collect ambient air quality, in line with the population based criteria and the guidelines issued by the Central Pollution Control Board (CPCB). The criteria for designing the ambient air quality monitoring network is given at **Annexure – I**.

A total of 1646 Ambient Air Quality Monitoring Stations have been installed and are operational in covering 603 cities in 28 States and 7 Union Territories (UT) across the country. The State / UT wise list of Ambient Air Quality Monitoring Stations is annexed at **Annexure – II**.

State-wise details of funds provided to SPCB/PCCs under National Ambient Air Quality Monitoring Programme (NAMP) for establishing and operating Ambient Air Quality Monitoring Stations are provided at **Annexure-III**.

To address air pollution in urban areas, Ministry of Environment, Forest and Climate Change (MoEFCC) launched National Clean Air Programme (NCAP) to improve air quality in 130 non-attainment cities and Million Plus Cities in 24 States/UTs through implementation of National, State and City level clean air action plans.

Air quality performance linked grant of ₹ 16,423.56 crore has been provided to 130 cities during FY 2019-20 till 2025-26 to implement air quality improvement measures in respective cities. Details of city-wise funds released to 130 cities and their utilization reported by cities on PRANA portal are provided at **Annexure-IV**.

Criteria for designing the ambient air quality monitoring network

Population	Minimum No. of manual station under NAMP	Minimum no of proposed CAAQMS	Total
1,00,000- < 5,00,000	1-Background 2-Residential/ Commercial	1-Residential	4
5,00,000- <10,00,000	1-Background 2-Residential/ Commercial	1-Residential 1-Traffic dominant area 1- Commercial	6
10,00,000- <50,00,000	1-Background 2-Residential/ Commercial	2-Residential 1-Traffic dominant area 1- Commercial 1-Industrial area	8
$\geq 50,00,000$	1-Background in upwind direction 1-Background in down wind direction 2-Residential/ Commercial	4-Residential 3-Traffic dominant area 3- Commercial 2-Industrial area	16

Annexure - II

State-wise details of Ambient Air Quality Monitoring Network

Sl. No.	State / UT	No. of Ambient Air Quality Monitoring Stations
1.	Andaman & Nicobar (UT)	4
2.	Andhra Pradesh	88
3.	Arunachal Pradesh	3
4.	Assam	41
5.	Bihar	43
6.	Chandigarh (UT)	8
7.	Chattisgarh	31
8.	Dadra & Nagar Haveli and Daman & Diu (UT)	6
9.	Delhi (UT)	53
10.	Goa	18
11.	Gujarat	87
12.	Haryana	36
13.	Himachal Pradesh	26
14.	Jammu & Kashmir (UT)	34
15.	Jharkhand	14
16.	Karnataka	73
17.	Kerala	38
18.	Lakshadweep (UT)	1
19.	Madhya Pradesh	72
20.	Maharashtra	177
21.	Manipur	3
22.	Meghalaya	34
23.	Mizoram	35
24.	Nagaland	38
25.	Odisha	81
26.	Pondicherry (UT)	7
27.	Punjab	76
28.	Rajasthan	92
29.	Sikkim	10
30.	Tamilnadu	89
31.	Telangana	36
32.	Tripura	4
33.	Uttar Pradesh	164
34.	Uttarakhand	15
35.	West Bengal	109
		1646

Annexure-III

Details of funds released to SPCBs/PCCs under NAMP since FY 2021-22

Sl.No.	State/UT	Amount (in Rs.)
1.	Andaman & Nicobar (UT)	₹ 61,76,000
2.	Andhra Pradesh	₹ 9,55,17,667
3.	Arunachal Pradesh	₹ 1,06,66,671
4.	Assam	₹ 6,74,46,333
5.	Bihar	₹ 92,05,000
6.	Chandigarh (UT)	₹ 61,30,667
7.	Chattisgarh	₹ 2,25,96,334
8.	Dadara & Nagar Haveli and Daman & Diu (UT)	₹ 1,21,49,000
9.	Goa	₹ 7,25,13,916
10.	Gujarat	₹ 4,26,43,667
11.	Haryana	₹ 20,20,000
12.	Himachal Pradesh	₹ 8,48,43,376
13.	Jammu & Kashmir (UT)	₹ 2,79,47,333
14.	Jharkhand	₹ 7,88,96,000
15.	Karnataka	₹ 7,09,37,333
16.	Kerala	₹ 3,29,67,664
17.	Lakshadweep (UT)	₹ 17,00,000
18.	Madhya Pradesh	₹ 1,64,21,667
19.	Maharashtra	₹ 8,00,07,333
20.	Manipur	₹ 1,83,27,336
21.	Meghalaya	₹ 3,78,30,667
22.	Mizoram	₹ 5,51,51,334
23.	Nagaland	₹ 4,78,70,667
24.	Odisha	₹ 4,52,28,960
25.	Pondicherry (UT)	₹ 96,80,000
26.	Punjab	₹ 6,55,67,666
27.	Rajasthan	₹ 4,43,41,667
28.	Sikkim	₹ 2,75,28,667
29.	Tamilnadu	₹ 5,40,73,334
30.	Telangana	₹ 4,06,96,665
31.	Tripura	₹ 92,66,000
32.	Uttar Pradesh	₹ 13,43,10,467
33.	Uttarakhand	₹ 3,74,96,334
34.	West Bengal	₹ 13,30,27,666
	Total	₹ 1,50,11,83,391

Annexure-IV

**Details of release of funds in 130 cities under NCAP during FY 2019-20 till FY 2025-26
and their utilization as on July, 2026**

(Rs. in crore)

Sl No.	State	City	Released	Utilisation
1	Andhra Pradesh	Anantapur	16.24	12.18
2		Chitoor	8.26	6.88
3		Eluru	6.43	5.66
4		Guntur	20.26	20.26
5		Kadapa	14.17	13.75
6		Kurnool	14.74	11.83
7		Nellore	30.95	29.97
8		Ongole	12.25	11.14
9		Rajahmundry	9.55	8.80
10		Srikakulam	6.53	4.77
11		Vizianagaram	8.15	7.02
12		Vijayawada UA	194.00	91.27
13		Vishakhapatnam UA	212.09	74.55
14	Assam	Guwahati	108.64	51.28
15		Nagaon	20.42	10.90
16		Nalbari	11.72	8.43
17		Sibsagar	13.29	6.33
18		Silchar	17.59	11.51
19	Bihar	Gaya	32.99	9.82
20		Muzaffarpur	35.52	15.56
21		Patna UA	328.99	269.46
22	Chandigarh	Chandigarh	46.76	31.17
23	Chhattisgarh	Korba	10.47	7.89
24		Durg Bhilainagar UA	164.85	123.41
25		Raipur UA	179.57	112.53
26	Delhi	Delhi	81.36	33.49
27	Gujarat	Ahmedabad UA	749.80	639.69
28		Rajkot UA	158.29	126.42
29		Surat UA	453.78	333.30
30		Vadodara UA	184.51	155.88
31	Haryana	Faridabad UA	138.97	84.36
32	Himachal Pradesh	Baddi	4.38	3.31
33		Damtal	3.02	1.76
34		Kala Amb	5.18	3.90
35		Nalagarh	2.95	2.32
36		Paonta Sahib	3.53	2.18
37		Parwanoo	3.07	2.53

38		Sunder Nagar	3.60	2.42
39	Jammu & Kashmir	Jammu	72.97	42.05
40		Srinagar	150.73	71.30
41	Jharkhand	Dhanbad UA	216.15	60.78
42		Jamshedpur UA	116.85	52.03
43		Ranchi UA	162.12	68.28
44	Karnataka	Devanagere	15.88	12.36
45		Gulbarga	37.14	19.14
46		Hubli-Dharwad	31.81	17.75
47		Bruhat Bangalore UA	541.10	440.24
48	Madhya Pradesh	Dewas	23.68	9.62
49		Sagar	23.99	18.93
50		Ujjain	39.63	15.97
51		Bhopal UA	286.65	196.45
52		Gwalior UA	137.79	101.28
53		Indore UA	312.59	250.18
54		Jabalpur UA	217.81	149.61
55	Maharashtra	Akola	17.49	9.51
56		Amravati	48.25	32.83
57		Chandrapur	18.24	10.18
58		Jalgaon	8.60	7.23
59		Jalna	10.24	10.22
60		Kolhapur	30.44	24.04
61		Latur	29.50	22.17
62		Sangli	15.47	10.66
63		Solapur	63.16	53.81
64		Aurangabad UA	104.20	61.46
65		Greater Mumbai UA	1609.46	804.79
66		Navi Mumbai (GM) UA		
67		Thane (GM) UA		
68		Ulhasnagar (GM) UA		
69		Badlapur (GM) UA		
70		Nagpur UA	214.76	97.76
71		Nashik UA	132.43	79.20
72		Pune UA	418.45	266.53
73		Vasai-Virar City UA	102.47	71.38
74	Meghalaya	Byrnihat	13.09	7.60
75	Nagaland	Dimapur	14.91	11.49
76		Kohima	16.22	13.55

77	Odisha	Angul	3.63	1.71
78		Balasore	9.83	4.62
79		Bhubaneswar	50.63	44.83
80		Cuttack	39.52	21.30
81		Kalinga Nagar	6.69	5.47
82		Rourkela	35.77	20.01
83	Punjab	Talcher	3.92	3.13
84		Dera Bassi	2.14	1.59
85		Gobindgarh	8.22	4.89
86		Jalandhar	89.64	55.08
87		Khanna	9.58	6.02
88		Naya Nangal	6.41	2.59
89		Pathankot/Dera Baba Nanak	12.42	4.70
90		Patiala	37.45	24.52
91	Rajasthan	Amritsar UA	130.89	116.03
92		Ludhiana UA	141.73	94.72
93		Alwar	33.19	25.04
94		Udaipur	30.72	17.17
95		Jaipur UA	418.20	344.70
96	Tamilnadu	Jodhpur UA	184.86	125.76
97		Kota UA	162.85	104.99
98		Tuticorn/Thoothukudi	19.21	19.12
99		Chennai UA	593.23	389.24
100	Telangana	Madurai UA	105.39	98.98
101		Trichy UA	89.62	80.91
102		Nalgonda	7.44	6.14
103	Uttar Pradesh	Sangareddy	5.05	3.46
104		Hyderabad (HY) UA	727.18	561.03
105		Anpara	3.37	2.27
106		Bareilly	165.37	95.92
107		Firozabad	102.54	75.71
108		Gajraula	8.88	6.19
109		Gorakhpur	150.31	98.37
110		Jhansi	39.74	26.17
111		Khurja	33.48	17.11
112		Moradabad	176.45	176.41
113		Noida	84.24	34.32
114		Raebareli	28.71	20.00
115		Agra UA	379.88	285.68
116		Allahabad UA	300.68	248.95
117		Ghaziabad UA	275.58	256.22
118		Kanpur UA	577.88	441.23
119		Lucknow UA	490.07	435.83

120		Meerut UA	187.99	187.93
121		Varanasi UA	427.43	333.88
122	Uttarakhand	Dehradun	90.09	73.91
123		Kashipur	13.95	13.17
124		Rishikesh	16.77	12.62
125	West Bengal	Durgapur	73.89	48.23
126		Haldia	13.09	9.28
127		Asansol UA	94.80	59.84
128		Kolkata (K) UA	1151.80	963.76
129		Howrah (K) UA		
130		Barrackpore (K) UA		
Total			16423.56	11579.06