

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION No. 206
TO BE ANSWERED ON 04.12.2023

National Ambient Air Quality Programme

206. DR. KALANIDHI VEERASWAMY

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

- (a) the salient features of the National Ambient Air Quality Programme;
- (b) the funds sanctioned, allocated and utilised under this programme, so far, State-wise;
- (c) the details and number of the cities and towns covered under this programme across the country;
- (d) whether the Government has planned to set up monitoring stations of this programme across the country, if so, the details thereof;
- (e) whether the Government has set any target to achieve reduction by 2025-26; and
- (f) if so, the details thereof along with the achievements made so far?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

(SHRI ASHWINI KUMAR CHOUBEY)

(a), (b), (c) & (d):

Under National Environment Monitoring Programme (NEMP) of Control of Pollution Scheme, Central Pollution Control Board and State Pollution Control Boards/Pollution Control Committees are provided financial assistance for carrying out air quality monitoring, water quality monitoring and noise level monitoring activities.

Under the component NEMP, a sub-component of National Ambient Air Quality Monitoring Programme (NAMP) is implemented to monitor air quality in the country. Air quality is monitored through a network of 1429 ambient air quality monitoring stations covering 511 cities/towns in 28 States and 7 UTs.

In the financial year 2022-23, an amount of 103.74 crore has been sanctioned under Environmental Monitoring Programme out of which an amount of 70.37 crore has been allocated for National Air Quality Monitoring Programme (NAMP).

Details of State-wise funds sanctioned and utilisation under NAMP are provided at **Annexure-I**.

(e) & (f):

National Clean Air Programme (NCAP) has been launched in January, 2019 which is a long-term, time-bound national level strategy for prevention, control and abatement of air pollution. Under NCAP, it has been envisaged to achieve targets of 20 to 30% reduction in Particulate Matter concentrations by 2024 in 131 cities of 24 States/UTs with respect to base year 2017. Subsequently, the target has been revised to achieve up to 40% reduction or achieve National Ambient Air Quality Standards (NAAQS) in terms PM concentrations by 2025-26.

90 cities out of 131 cities have shown improvement in air quality in terms of annual PM10 concentrations in FY 2022-23 with respect to the baseline of FY 2017-18. 15 cities have met National Ambient Air Quality Standards (NAAQS) for PM10 (60 µg/m³) in FY 2022-23. Details of air quality of 131 cities are enclosed at **Annexure-II**.

Annexure-I**Details of State-wise funds sanctioned and utilisation under NAMP**

S. No.	Name of State	Funds sanctioned in FY 2022-2023 (₹)	Fund Utilized till 31.03.2023 (₹)
1	Andaman & Nicobar	2800000	0
2	Arunachal Pradesh	4785335	1445335
3	Andhra Pradesh	46980000	19805000
4	Assam	27449666	27449666
5	Bihar	2900000	0
6	Chandigarh	2352000	2352000
7	Chhattisgarh	9982666	3742666
8	Dadra & Nagar Haveli and Daman & Diu	9001000	7601000
9	Gujarat	17240667	13990667
10	Goa	41690917	23650917
11	Jharkhand	57394000	28184000
12	Himachal Pradesh	27050959	18380959
13	Haryana	700000	0
14	Jammu and Kashmir	12390000	0
15	Lakshadweep	0	0
16	Ladakh	0	0
17	Karnataka	46287667	11197667
18	Kerala	8813333	6443333
19	Maharashtra	16670667	13070667
20	Meghalaya	16518000	16518000
21	Madhya Pradesh	3425000	0
22	Mizoram	12510667	12510667
23	Manipur	6858000	6858000
24	Nagaland	7110667	7110667
25	Orissa	21092960	18102960
26	Punjab	52876666	52876666
27	Pondicherry	4752000	4752000
28	Rajasthan	9592000	7392000
29	Sikkim	13100000	5560000
30	Tamil Nadu	33702001	15837001
31	Telangana	20543333	20543333
32	Tripura	1756000	1056000
33	Uttar Pradesh	70944314	22864314
34	Uttarakhand	22268667	5698667
35	West Bengal	72187666	72187666
Total		703726818	447181818

Annexure-II**Air quality data of 131 cities covered under National Clean Air Programme (NCAP)**

States	S. No.	Cities	2017-2018	2022-2023	Percentage improvement in PM10 concentration with respect to base year 2017 – 18 (%)
			Average concentration (F.Y.) of PM10 ($\mu\text{g}/\text{m}^3$)	Average concentration (F.Y.) of PM10 ($\mu\text{g}/\text{m}^3$)	
Andhra Pradesh	1	Anantpur	78	57	26.92
	2	Chittur	70	52	25.71
	3	Eluru	72	66	8.33
	4	Guntur	66	60	9.09
	5	Kadapa	75	57	24.00
	6	Kurnool	79	64	18.99
	7	Nellore	64	56	12.50
	8	Ongole	65	51	21.54
	9	Rajamahendravaram	85	68	20.00
	10	Srikakulam	69	71	-2.90
	11	Vijayawada	91	90	1.10
	12	Visakhapatnam	76	116	-52.63
	13	Vizhianagaram	72	75	-4.17
Assam	14	Guwahati	103	106	-2.91
	15	Nagaon	82	121	-47.56
	16	Nalbari	87	128	-47.13
	17	Silchar	49	49	0.00
	18	Sivasagar	73	42	42.47
Bihar	19	Patna	172	193	-12.21
	20	Gaya	79	150	-89.87
	21	Muzaffarpur	147	175	-19.05
Chandigarh	22	Chandigarh	114	116	-1.75
Chhattisgarh	23	Korba	57	70	-22.81
	24	Durg Bhilainagar	86	70	18.60
	25	Raipur	70	78	-11.43
Delhi	26	Delhi	241	209	13.28
Gujarat	27	Ahmedabad	164	91	44.51
	28	Rajkot	150	92	38.67
	29	Surat	130	118	9.23
	30	Vadodara	133	104	21.80
Haryana	31	Faridabad*	229	212	7.42
Himachal	32	Baddi	174	145	16.67

States	S. No.	Cities	2017-2018	2022-2023	Percentage improvement in PM10 concentration with respect to base year 2017 – 18 (%)
			Average concentration (F.Y.) of PM10 (µg/m3)	Average concentration (F.Y.) of PM10 (µg/m3)	
Pradesh	33	Damtal	55	64	-16.36
	34	Kala Amb	118	93	21.19
	35	Nalagarh	146	78	46.58
	36	Paonta Sahib	84	103	-22.62
	37	Parwanoo	66	47	28.79
	38	Sunder Nagar	78	46	41.03
Jammu & Kashmir	39	Jammu	157	158	-0.64
	40	Srinagar*	132	88	33.33
Jharkhand	41	Dhanbad	315	203	35.56
	42	Jamshedpur	135	126	6.67
	43	Ranchi	141	107	24.11
Karnataka	44	Bengaluru	92	68	26.09
	45	Devangere	74	61	17.57
	46	Gulbarga / Kalaburgi	55	74	-34.55
	47	Hubli-Dharwad	79	76	3.80
Madhya Pradesh	48	Bhopal	112	124	-10.71
	49	Dewas	83	105	-26.51
	50	Gwalior	126	145	-15.08
	51	Indore	82	109	-32.93
	52	Jabalpur	101	125	-23.76
	53	Sagar	73	83	-13.70
	54	Ujjain	93	111	-19.35
Maharashtra	55	Aurangabad	75	107	-42.67
	56	Akola	111	62	44.14
	57	Amravati	102	68	33.33
	58	Badlapur	160	146	8.75
	59	Chandrapur	118	121	-2.54
	60	Greater Mumbai	161	116	27.95
	61	Jalgaon	70	66	5.71
	62	Jalna	99	93	6.06
	63	Kolhapur	89	80	10.11
	64	Latur	82	53	35.37
	65	Nagpur	100	97	3.00
	66	Nashik	82	62	24.39
	67	Navi Mumbai	88	102	-15.91
	68	Pune	102	96	5.88

States	S. No.	Cities	2017-2018	2022-2023	Percentage improvement in PM10 concentration with respect to base year 2017 – 18 (%)
			Average concentration (F.Y.) of PM10 (µg/m3)	Average concentration (F.Y.) of PM10 (µg/m3)	
	69	Sangli	87	69	20.69
	70	Solapur	81	76	6.17
	71	Thane	138	115	16.67
	72	Ulhasnagar	153	128	16.34
	73	Vasai virar*	99	155	-56.57
Meghalaya	74	Byrnihat	175	131	25.14
Nagaland	75	Dimapur	142	91	35.92
	76	Kohima	127	72	43.31
Odisha	77	Angul	97	98	-1.03
	78	Balasore	84	82	2.38
	79	Bhubneshwar	85	118	-38.82
	80	Cuttack	93	105	-12.90
	81	Kalinga Nagar	109	104	4.59
	82	Rourkela	99	126	-27.27
	83	Talcher	113	93	17.70
Punjab	84	Amritsar	189	120	36.51
	85	Dera Baba Nanak	79	58	26.58
	86	Dera Bassi	88	104	-18.18
	87	Jalandhar	178	126	29.21
	88	Khanna	142	103	27.46
	89	Ludhiana	168	163	2.98
	90	Mandi Gobindgarh	148	131	11.49
	91	Naya Nangal	87	63	27.59
	92	Patiala	106	103	2.83
Rajasthan	93	Jaipur	172	143	16.86
	94	Alwar	152	116	23.68
	95	Jodhpur	189	146	22.75
	96	Kota	139	128	7.91
	97	Udaipur	127	128	-0.79
Tamil Nadu	98	Chennai	66	66	0.00
	99	Madurai	72	68	5.56
	100	Trichy	88	47	46.59
	101	Tuticorin	123	54	56.10
Telangana	102	Hyderabad	110	83	24.55
	103	Nalgonda	59	55	6.78
	104	Patencheru	74	80	-8.11

States	S. No.	Cities	2017-2018	2022-2023	Percentage improvement in PM10 concentration with respect to base year 2017 – 18 (%)
			Average concentration (F.Y.) of PM10 (µg/m3)	Average concentration (F.Y.) of PM10 (µg/m3)	
	105	Sangareddy	85	86	-1.18
Uttar Pradesh	106	Agra	202	118	41.58
	107	Allahabad	169	125	26.04
	108	Ghaziabad	285	198	30.53
	109	Kanpur	227	143	37.00
	110	Lucknow	253	149	41.11
	111	Meerut	159	177	-11.32
	112	Varanasi	230	94	59.13
	113	Anpara	175	166	5.14
	114	Bareilly	207	110	46.86
	115	Firozabad	247	106	57.09
	116	Gajraula	204	194	4.90
	117	Gorakpur	150	102	32.00
	118	Jhansi	109	118	-8.26
	119	Khurja	195	150	23.08
Uttarakhand	120	Moradabad	222	116	47.75
	121	Noida	229	202	11.79
	122	Raebareli	145	102	29.66
Uttarakhand	123	Dehradun	250	117	53.20
	124	Kashipur	99	112	-13.13
	125	Rishikesh	129	103	20.16
West Bengal	126	Asansol	147	147	0.00
	127	Barrackpore	86	84	2.33
	128	Durgapur	150	139	7.33
	129	Haldia	92	91	1.09
	130	Howrah	139	125	10.07
	131	Kolkata	147	97	34.01

Note: * For air quality data of Faridabad, baseline data of FY 2020-21 was considered as baseline data for FY 2017-18 was not collected.

*For air quality data of Srinagar, baseline data of FY 2018-19 was considered as baseline data for FY 2017-18 was not collected

* For air quality data of Vasai-verar, baseline is FY 2019-20 was considered as baseline data for FY 2017-18 was not collected.
