

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UN-STARRED QUESTION NO. 44
TO BE ANSWERED ON 15.12.2017

States Affected by Air Pollution

44. SHRI GOPAL SHETTY:
PROF. RICHARD HAY:
SHRI GEORGE BAKER:
SHRIMATI JAYSHREEBEN PATEL:

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

- (a) the details of the number of States adversely affected by Air Pollution across the country, at present indicating the number of cities considered to be polluted as per global standards;
- (b) the details of the short-term/long-terms plans formulated/ being formulated by the Government in this regard so far;
- (c) the details of the funds sanctioned, allocated and utilised for these plans during the last three years and the current year, State/UT-wise along with the details of the targets set and achievements made under these plans during the said period, State/ UT-wise;
- (d) the details of pollution causing units which falls under category 'H' and other categories as per the Master Plan along with the steps taken to check pollution caused by these units during the last three years; and
- (e) whether the Government has received any complaints regarding use of banned practices in these States and if so, the details thereof and the action taken by the Government in this regard?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. MAHESH SHARMA)

(a) to (c) The Government has notified National Ambient Air Quality Standards (NAAQS) which lays the norms for air pollutants in the Country. The NAAQS have been developed taking into account global standards. Central Pollution Control Board (CPCB) monitors the ambient air quality at 691 monitoring stations located in 303 cities/towns covering 29 states and 6 union territories across the country under National Air Quality Monitoring Programme (NAMP). Under NAMP, three air pollutants viz., Sulphur Dioxide (SO₂), Nitrogen Dioxide (NO₂) and Particulate Matter size equal to or less than 10 micron (PM₁₀) are being monitored at all the locations. On the basis of data monitored during 2011-2015, the list of 94 non-attainment cities covering 20 States and 2 Union Territories which have not conformed to National Ambient Air Quality Standards consistently are annexed at Annexure-I. Concerned SPCBs have been asked to prepare action plan for these non-attainment cities. Apart from this, CPCB has issued directions under section 18 (1) (b) of the Air (Prevention and Control of Pollution) Act, 1981 to these States and Union Territories for prevention, control and

abatement or air pollution and improvement of Air Quality in the country. The short-term and long-term measures suggested to the States, as per directions issued under Section 18(1)(b) of Air (Prevention and Control of Pollution) Act, 1981 are annexed at Annexure-II. The state-wise details of funds released to States and other monitoring agencies during last three years and current year under National Air Quality Monitoring Programme (NAMPP) are given at Annexure-III.

(d) & (e) The Government has notified 115 emission/effluent standards for 104 different sectors of industries, besides 32 general standards including those related to hazardous industries.

As per reports, CPCB has received a total of 3417 complaints including those related to use of banned practices in the years 2013 to 2016 as given below:

Year	Number of complaints
2013	634
2014	756
2015	1287
2016	740
Total	3417

The action taken by the CPCB against the violators of pollution laws includes issue of directions for improving performance and compliance with norms, directions to service agencies for disconnection of power/water supply, obtaining of bank guarantee, closure of industries etc.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARA (a) to (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 44 DUE FOR REPLY ON 15.12.2017 REGARDING 'STATES AFFECTED BY AIR POLLUTION' BY SHRI GOPAL SHETTY, PROF. RICHARD HAY, SHRI GEORGE BAKER; SHRIMATI JAYSHREEBEN PATEL, HON'BLE MEMBERS OF PARLIAMENT

**Non-Attainment cities with respect to Ambient Air Quality India
(2011-2015)**

State Sl. No	State	Cities Sl. No	Cities
1	Andhra Pradesh	1	Guntur
		2	Kurnool
		3	Nellore
		4	Vijaywada
		5	Vishakhapatnam
2	Assam	6	Guwahati
		7	Nagaon
		8	Nalbari
		9	Sibsagar
10	Silchar		
3	Chandigarh	11	Chandigarh
4	Chattisgarh	12	Bhillai
		13	Korba
5	Delhi	14	Delhi
6	Gujarat	15	Surat
7	Himachal Pradesh	16	Baddi
		17	Damtal
		18	Kala Amb
		19	Nalagarh
		20	Paonta Sahib
		21	Parwanoo
22	Sunder Nagar		
8	Jammu & Kashmir	23	Jammu
9	Jharkhand	24	Dhanbad
10	Karnataka	25	Bangalore
		26	Devanagere
		27	Gulbarga
		28	Hubli-Dharwad
11	Madhya Pradesh	29	Bhopal
		30	Dewas
		31	Indore
		32	Sagar
		33	Ujjain
12	Maharashtra	34	Akola
		35	Amravati

State Sl. No	State	Cities Sl. No	Cities
		36	Aurangabad
		37	Badlapur
		38	Chandrapur
		39	Jalgaon
		40	Jalna
		41	Kolhapur
		42	Latur
		43	Mumbai
		44	Nagpur
		45	Nashik
		46	Navi Mumbai
		47	Pune
		48	Sangli
		49	Solapur
50	Ulhasnagar		
13	Meghalaya	51	Byrnihat
14	Nagaland	52	Dimapur
		53	Kohima
15	Orissa	54	Angul
		55	Balasore
		56	Bhubneshwar
		57	Cuttack
		58	Rourkela
		59	Talcher
16	Punjab	60	DeraBassi
		61	Gobindgarh
		62	Jalandhar
		63	Khanna
		64	Ludhiana
		65	NayaNangal
		66	Pathankot/Dera Baba
		67	Patiala
17	Rajasthan	68	Alwar
		69	Jaipur
		70	Jodhpur
		71	Kota
		72	Udaipur
18	Tamilnadu	73	Tuticorin
19	Telangana	74	Hydrabad
		75	Nalgonda
		76	Patancheru
20	Uttar Pradesh	77	Agra
		78	Allahabad
		79	Anpara
		80	Bareilly
		81	Firozabad

State Sl. No	State	Cities Sl. No	Cities
		82	Gajraula
		83	Ghaziabad
		84	Jhansi
		85	Kanpur
		86	Khurja
		87	Lucknow
		88	Muradabad
		89	Noida
		90	Raebareli
		91	Varanasi
21	Uttarakhand	92	Kashipur
		93	Rishikesh
22	West Bengal	94	Kolkata

ANNEXURE -II

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List of directions under Section 18(1)(b) of Air (Prevention and Control of Pollution) Act, 1981

A.) Control of Vehicular Emissions:

Sl.	Action Points
i)	Launch extensive awareness drive against polluting vehicles;
ii)	Ensure Strict action against visibly polluting vehicles;
iii)	Install weigh in motion bridges at Delhi borders to prevent overloading;
iv)	Take steps to prevent parking of vehicles in the non-designated areas;
v)	Introduce early alarm system for benefit of commuters related to traffic congestion on major routes for route diversion ;
vi)	Consider introducing plan for Flexi/staggered timings to minimize peak movement of vehicles on the road;
vii)	Take steps for retrofitting of diesel vehicles with Particulate Filters;
viii)	De-congest pathways;
ix)	Synchronize traffic movements / Introduce intelligent traffic systems for lane-driving;
x)	Install vapor recovery system in fueling stations
xi)	Take steps for installation of remote sensor based PUC system etc.;
xii)	Formulate action plan for controlling decongestion of fuel stations including increasing number of dispensing machines;
xiii)	Prepare action plan to check fuel adulteration and random monitoring of fuel quality data;
xiv)	Prepare action plan for public transport on CNG mode;
xv)	Undertake road widening and improvement of infrastructure for decongestion of road;
xvi)	Promote battery operated vehicles;
xvii)	Take steps to expedite early completion of Western and Eastern Peripheral expressway and submit completion schedule

(B) Control of Road Dust/Re-suspension of dust and other fugitive emission:

Sl.	Action Points
i)	Formulate action plan for creation of green buffers along the traffic corridors;
ii)	Introduce wet/ mechanized vacuum sweeping of roads;
iii)	Maintain pot holes free roads for free-flow of traffic to reduce emissions and dust;
iv)	Introduce water fountains at major traffic intersection, wherever feasible;
v)	Undertake greening of open areas, gardens, community places, schools and housing societies.
vi)	Take steps for blacktopping / pavement of road shoulders to avoid road dust;

(C) Control of Air Pollution from Bio-Mass Burning:

Sl.	Action Points
i)	Take stringent action against open burning of bio-mass/leaves/tyres etc to control such activities and submit periodic status reports;
ii)	Ensure proper collection of horticulture waste (bio-mass) and composting-cum-gardening approach;

iii)	Ensure strict enforcement of ban on burning of agriculture waste and crop residues
iv)	Prohibit use of coal in hotels and restaurants and eliminate use of kerosene for cooking in Delhi;

(D) Control of Industrial Air Pollution;

Sl.	Action Points
i)	Ensure strict action against unauthorized brick kilns
ii)	Ensure strict action against industrial units not complying with standards;
iii)	Enforce strict compliance of conversion of Natural draft brick kilns to induced-draft;
iv)	Launch action plan for switching over to natural gas by industries, wherever feasible.

(E) Control of Air Pollution from Construction and Demolition Activities:

Sl.	Action Points
i)	Control dust pollution at construction sites through appropriate cover
ii)	Undertake control measures for fugitive emissions from material handling, conveying and screening operations through water sprinkling, curtains, barriers and dust suppression units;
iii)	Ensure carriage of construction material in closed/covered vessels;

(F) Other Steps to control Air Pollution

Sl.	Action Points
i)	Set-up helpline in States/UT for taking action against reported non-compliance;
ii)	Evolve a system of reporting of garbage /municipal solid waste burning through mobile based applications and other social media platform linked with Central and State Level Control Rooms;
iii)	Establish Standard Operating Procedure to provide quick and effective response to complaints
iv)	Take steps for maximizing coverage of LPG / PNG for domestic cooking purposes with intention of achieving 100%;
v)	Ensure DG sets meeting the standards only be allowed to operate
vi)	Promote use of LPG instead of coal in restaurants/ dhabas/ road side eateries;
vii)	Undertake Satellite based monitoring for tracking and enforcing agriculture waste burning;
viii)	Take steps for setting up of bio-mass based power generation units to avoid bio-mass burning.

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARA (a) to (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 44 DUE FOR REPLY ON 15.12.2017 REGARDING 'STATES AFFECTED BY AIR POLLUTION' BY SHRI GOPAL SHETTY, PROF. RICHARD HAY, SHRI GEORGE BAKER; SHRIMATI JAYSHREEBEN PATEL, HON'BLE MEMBERS OF PARLIAMENT

Details of Payment Released to States and other monitoring agencies under National Air Quality Monitoring Programme (NAMP)

S.No.	Name of Monitoring Agency	2014-15 (Amount in Rs.)	2015-16 (Amount in Rs.)	2016-17 (Amount in Rs.)	2017-18 (Amount in Rs.) till Dec 2017
1.	Andhra Pradesh SPCB	7666250	-	-	-
2.	Arunachal Pradesh SPCB	-	-	-	3005334
3.	Assam SPCB	7842500	-	-	11208000
4.	Chandigarh PCC	-	-	4113833	
5.	Chattisgarh ECB	-	1526250	-	
6.	Gujarat SPCB	-	-	-	
7.	Goa SPCB	7125000	7789333	-	
8.	Himachal Pradesh SEP & PCB	-	10128333	-	
9.	Karnataka SPCB	354167	6749583	-	
10.	Kerala SPCB	6474167	-	-	
11.	Maharashtra SPCB	-	-	16316919	
12.	Meghalaya SPCB	-	7845833	-	9173333
13.	Madhya Pradesh SPCB	-	-	7984417	
14.	Mizoram SPCB	1765000	5413333	4253333	2706667
15.	Nagaland SPCB	906667	-	3658667	1717333
16.	Orissa SPCB	5734583	-	5872500	
17.	Punjab SPCB	7795417	-	-	
18.	Puducherry	-	-	5110333	
19.	Rajasthan SPCB	-	4218750	-	
20.	Tamil Nadu SPCB	2358333	-	-	
21.	Uttar Pradesh SPCB	-	7263333	-	
22.	Uttarakhand EP&PCB	-	4085833	-	
23.	NEERI	7047000	13612000	22288000	21600000
24.	IIT Kanpur	3709378	-	-	3709378
	Total =	58778462	68632581	69598002	53120045

Note:- SPCB – State Pollution Control Board, SEP&PCB – State Environment Protection & Pollution Control Board, EP&PCB – Environment Protection & Pollution Control Board, PCC – Pollution Control Committee. NEERI is at present monitoring in 6 cities in 5 different states/Union territories namely Delhi, Maharashtra, West Bengal, Tamil Nadu and Andhra Pradesh.