GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION No. 2020
TO BE ANSWERED ON: 30.07.2021

Graded Action Plan to Control Air Pollution

2020. SHRIMATI SANDHYA RAY:
DR. KRISHNA PAL SINGH YADAV:

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

(a) the details of cities and regions where air pollution is reportedly showing rising trend along with the main reasons for deterioration in air quality;
(b) whether the Environment Pollution Control and Prevention Authority is implementing the graded action plan to tackle pollution level in various cities of the country; and
(c) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

(a) :
The analysis of air quality data of 132 cities indicates that majority of cities are showing improvement in air quality as compared to 2019-20.

Ambient air quality data of PM10 of 36 cities showed an increase of PM10 concentration in 2020-2021 as compared to 2019-2020 whereas 96 cities has a decreasing trend (i.e improvement in air quality).

18 cities were found to be within the prescribed National Ambient Air Quality in 2019-20 which has increased to 27 in year 2020-21. The comparative air quality data of 132 cities is given at **Annexure-I**.

(b) and (c):
The Government has notified a Graded Response Action Plan (GRAP) for Delhi and NCRand Environment Pollution (Prevention & Control) Authority (EPCA) for the National Capital Region (NCR) was intrusted for its implementation. The Commission for Air Quality Management in National Capital Region and Adjoining Area has been constituted through promulgation of an Ordinance No. 4 of 2021. With this Ordinance, the Order made under section 3 of the Environment (Protection) Act, 1986 constituting the EPCA for the NCR vide notification number S.O. 93(E), dated the 29th January, 1998 is repealed and the EPCA for the NCR is dissolved. GRAP comprises measures such as prohibition on entry of trucks into

Delhi; ban on construction activities, introduction of odd and even scheme for private vehicles, shutting of schools, closure of brick kilns, hot mix plants and stone crushers; shutting down of Badarpur power plant, ban on diesel generator sets, garbage burning in landfills and plying of visibly polluting vehicles etc. The nature, scope and rigor of measures to be taken is linked to levels of pollution viz. Severe + or Emergency, severe, Very Poor, Moderate to Poor and Moderate, after due consideration by authorities concerned.

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Ambient air quality status of 132 cities listed by NCAP (2019-2020 & 2020-2021)

States / UT	Cities	2019-2020 Average concentration (F.Y.) of PM_{10} ($\mu g/m^3$)	2020-2021 Average concentration (F.Y.) of PM_{10} ($\mu g/m^3$)
Andhra Pradesh	Vijayawada	57	56
	Visakhapatnam	97	104
	Anantpur	60	58
	Chittur	51	41
	Eluru	64	58
	Guntur	58	56
	Kadapa	48	50
	Kurnool	56	52
	Nellore	67	56
	Ongole	59	49
	Rajamahendravaram	61	69
	Srikakulam	66	66
	Vizhianagaram	68	63
Assam	Guwahati	113	114
	Nagaon	92	90
	Nalbari	75	57
	Silchar	45	43
	Sivasagar	55	48
Bihar	Patna	170	143
	Gaya	76	71
	Muzafarpur	138	180
Chandigarh	Chandigarh	92	90
	Korba	54	46
Chhattisgarh	Durg Bhilainagar	75	56
	Raipur	63	55
Delhi	Delhi	192	193
Gujarat	Ahmedabad	116	120
	Rajkot	113	94
	Surat	109	93
	Vadodara	108	95
Haryana	Faridabad		229
Himachal Pradesh	Baddi	133	123
	Damtal	52	65
	Kala Amb	95	64
	Nalagarh	113	90
	Paonta Sahib	98	78
	Parwanoo	60	44
	Sunder Nagar	69	63
Jammu&Kashmir	Jammu	145	186
	Srinagar	132	163
Jharkhand	Dhanbad	211	198
	Jamshedpur	138	96
	Ranchi	108	105
Karnataka	Bengaluru	73	62
	Devanagere	66	72
	Gulburga / Kalaburgi	80	92
	Hubli-Dharwad	78	69
Madhya Pradesh	Bhopal	141	114
	Gwalior	136	125
	Indore	91	96
	Jabalpur	111	106

States / UT	Cities	2019-2020 Average concentration (F.Y.) of PM_{10} ($\mu g/m^3$)	2020-2021 Average concentration (F.Y.) of PM_{10} ($\mu g/m^3$)
	Dewas	91	93
	Sagar	71	64
	Ujjain	90	104
Maharashtra	Aurangabad	76	65
	Greater Mumbai	106	98
	Nagpur	80	68
	Nashik	57	51
	Pune	81	69
	Vasai virar	99	43
	Akola	66	54
	Amravati	89	58
	Badlapur	88	67
	Chandrapur	93	100
	Jalgaon	57	53
	Jalna	95	86
	Kolhapur	95	83
	Latur	84	54
	Navi Mumbai	54	52
	Sangli	70	71
	Solapur	90	79
	Thane	79	105
	Ulhasnagar	83	66
Meghalaya	Byrnihat	97	127
Nagaland	Dimapur	84	85
Nagaland	Kohima	81	84
Odisha	Angul	95	88
	Balasore	86	78
	Bhubneshwar	103	78
	Cuttack	104	86
	Kalinga Nagar	113	104
	Rourkela	112	96
	Talcher	122	98
Punjab	Amritsar	109	113
	Ludhiana	115	129
Punjab	Dera Baba Nanak	68	66
	DeraBassi	100	105
	MandiGobindgarh	130	131
	Jalandhar	121	150
	Khanna	113	101
	NayaNangal	98	95
	Patiala	107	102
Rajasthan	Jaipur	124	112
	Jodhpur	167	155
	Kota	102	100
	Alwar	126	110
	Udaipur	136	109
Tamil Nadu	Chennai	60	60
	Madurai	66	57
	Trichy	58	40
	Tuticorin	84	84
Telangana	Hyderabad	86	88
	Nalgonda	59	60
	Patencheru	87	77
	Sangareddy	87	77
Uttar Pradesh	Agra	163	188
	Allahabad	219	184

States / UT	Cities	2019-2020 Average concentration (F.Y.) of PM_{10} ($\mu g/m^3$)	2020-2021 Average concentration (F.Y.) of PM_{10} ($\mu g/m^3$)
	Ghaziabad	218	218
	Kanpur	200	169
	Lucknow	216	209
	Meerut	203	200
	Varanasi	180	168
	Anpara	169	142
	Bareily	185	193
	Firozabad	213	186
	Gajraula	217	168
	Gorakpur	278	168
	Jhansi	102	99
	Khurja	226	194
	Moradabad	243	206
	Noida	213	197
	Raebareli	161	98
Uttarakhand	Dehradun	166	144
	Kashipur	130	129
	Rishikesh	136	77
West Bengal	Asansol	124	114
	Kolkata	101	99
	Barrackpore	108	75
	Durgapur	125	103
	Haldia	69	93
	Howrah	144	117
	Rani Ganj	177	107