

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO.1399
TO BE ANSWERED ON 14.12.2023

Prevention and control of air pollution in Jharkhand

1399. SMT. MAHUA MAJI:

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

- (a) the details of cities and villages identified in the State of Jharkhand under the National Clean Air Programme to prevent, control and reduce air pollution;
- (b) the details of targets fixed for those cities and villages;
- (c) the roadmap to achieve the targets;
- (d) by when the targets are likely to be achieved; and
- (e) whether the 15th Finance Commission has recommended performance based grants for cities and villages in Jharkhand, if so, the relevant details thereof?

ANSWER

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

(a) to (e):

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 target 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.

49 Million Plus Cities/Urban Agglomerations are funded under XVth Finance Commission Air Quality Performance Grant for taking measures to improve air quality in respective Cities/UAs. In the State of Jharkhand, 3 cities namely Dhanbad, Jamshedpur and Ranchi are covered under XVth Finance Commission air quality grant for implementation of city action plans to improve air quality.

Operational Guidelines of Department of Expenditure (DoE) for XV Finance Commission air quality grant, prescribe annual air quality performance targets for the period FY 2021-22 to FY 2025-26 which are as given below:

- (a) 15% reduction in PM10 concentrations
- (b) 15% increase in good air quality days (Air Quality Index less than 200).

Jharkhand State has been provided an amount of Rs.273.44 crore for implementation of City Action Plans under XVth Finance Commission Air Quality Grant. Details of Year-wise and City-wise funds released under XV Finance Commission Air Quality grant are enclosed at **Annexure I**. Details of performance assessment of air quality of cities in the State of Jharkhand for the year FY 2022-23 are provided at **Annexure II**.

Annexure I**Details of Year-wise and City-wise funds released under XVth Finance Commission Air Quality grant**

Cities	Funds released (in Rs. Crore)			
	FY 2020-21	FY 2021-22	FY 2022-23	Total
Dhanbad UA	52.00	11.09	0.00	63.09
Jamshedpur UA	58.00	36.35	22.50	116.85
Ranchi UA	49.00	25.00	19.50	93.50
Total	159.00	72.44	42.00	273.44

Annexure II

Details of performance assessment of air quality of cities in the State of Jharkhand under XVth Finance Commission Air Quality grant during FY 2022-23

S. No.	State	City	PM ₁₀ concentration for FY 2021-22 (µg/m ³)	Target PM ₁₀ concentration for FY 2022-23 (µg/m ³)	Achievement for PM ₁₀ Concentration in FY 2022-23 (µg/m ³)
1	Jharkhand	Dhanbad	212	180	151
2		Jamshedpur	111	94	122
3		Ranchi	106	90	106

Air Quality Index (AQI) of the Cities for FY 2022-23

S. No.	State	City	Good AQI days in FY 2021-22 (AQI <200)	Target Good AQI days for FY 2022-23 (AQI <200)	AQI Good days in FY 2022-23 (AQI <200)
1	Jharkhand	Dhanbad	136	156	171
2		Jamshedpur	272	313	270
3		Ranchi	261	300	268