

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 3092
TO BE ANSWERED ON 21.03.2017

Green Cover

3092. SHRI SUBHASH PATEL:

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

- (a) whether green areas in the cities has declined from 68% to 25% since 1973 due to continuous increase in constructed area;
- (b) if so, the details thereof;
- (c) whether the Government has formulated any action plan to increase green area in the cities; and
- (d) if so, the details thereof?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ANIL MADHAV DAVE)

- (a) & (b) There is no specific data available to establish decline in the green areas in cities. However, as per the study Urban Greening Guidelines, the per capita availability of green space may decline due to increase in urban population. The city wise details are given in **Annexure-I**. As per available data, the per capita green space shows decline in most of the cities including Chennai, Bhopal, Noida, Greater Noida, Jaipur, Bhopal etc.
- (c) & (d) The development and maintenance of green cover in urban areas including the protection of trees mostly is within the purview of Urban local Bodies and Urban Development Authorities. These authorities make regular efforts to plant trees to enhance the green cover including through tree plantation drives involving the local people.

The Green India Mission implemented by the Ministry, includes a sub-mission to enhance tree cover in 0.20 million hectare of Urban and Peri-Urban areas, including institutional lands. This includes support for urban greening on various categories of land including open spaces/green spaces like parks/wood lots, avenues and in households and Institutional lands belonging/allotted to business/industrial houses and educational institutions, etc. through afforestation.

Further, the Ministry of Environment, Forest and Climate Change implements an urban forestry scheme namely “Nagar Van-Udyan Yojana” on pilot basis to create 200 City Forests in the country in next five (5) years.

The Atal Mission for Rejuvenation and Urban Transformation (AMRUT) implemented by Ministry of Urban Development has also *inter-alia* objective of increasing the amenity value of cities by developing greenery and well maintained open spaces (e.g. parks). The details of funds earmarked for city parks under AMRUT are at **Annexure-II**.

ANNEXURE-I

**Annexure referred to in reply to part (a) of the Lok Sabha Unstarred Question No. 3092
due for answer on 21.03.2017 regarding 'Green Cover'**

Area under "Recreation" in different cities, both existing and proposed

Sr. No.	Master plans	Existing Scenario of Recreation/Open space					Proposed Scenario of Recreation/Open space				
		Land use Year	Population	Total (Ha)	Recreation al/Open space	Open space Sq.m/ capita	Proposed Land use Year	Population	Total (Ha)	Recreation al/Open space	Open space Sq.m/ capita
1	Second Master Plan For Chennai Metropolitan Area only Chennai city	2006	4509210	17553	366	0.81	2026	12582000	17617.7	1000.65	0.80
2	Master plan Varanasi	1999	1091918	14494.4	2705.76	24.78	2011	1201815	17927.22	984.47	8.19
3	Draft Master Development Plan- Jaipur Region	2011	3073350	30830	3461	11.26	2025	6495000	19800	5745	8.85
4	Master Plan for Ghaziabad			8445	399.5		2021	2300000	15554	2484	10.80
5	Master Plan for Bhopal	2005	1571182	17500	2925	18.62	2028	352000	15572.12	646.46	18.37
6	Draft Master Plan for portblair Planning Area	2001	99984	1774	101.25	10.13	2021	4500000	41360	8400	18.67
7	Master Plan for Lucknow	2004	2358393	16270	2455	10.41	2021	1270000	21570	5000	39.37
8	Master Plan for Greater Noida	2011	107676	13570	3000	278.61	2031	149256	1500	240	16.08
9	Master Plan for Tarn Taran LPA	2010	72337	569	63.7	8.81	2031	149256	1500	240	16.08
10	Master Plan Srinagar Metropolitan Area	2000	1200000	11527	481.31	4.01	2021	2350000	23853.94	2853.01	12.14
11	Master Plan Allahabad	2001	1081622	21689.13	2602.696	24.06	2021	2043735	30917.38	4953.47	24.24
12	Master Plan Ludhiana	2007	1524081	127122	300	1.97	2021	4800000	127122	7416	15.45
13	Master Plan Batla	2010	190418	1474.19	11.9	0.62	2031	346651	3467	346.7	10.00
14	Noida Master Plan	2010	1068228	9210.74	1761.98	16.49	2031	2500000	15279	2432.82	9.73
15	Master Plan Amritsar	2010	1976050	139419.5	186.8	0.95	2031	3017936	16594	2489.1	8.25
16	Bangalore Master Plan	2003	6501343	42141	1310	2.01	2011	8015000	56463	7788	9.72
17	Mysore Nanjagund LPA-Mysore city	2009	7786510	27864.32	766.31	0.98	2031	2100000	27863.83	1584.2	7.54
18	Master Plan Dehradun	2004	753420	9698.97	222.8	2.96	2025	1530000	35867.2	928.17	6.07
19	Master Plan for Kanpur City	2001	2551000	89131	959.08	3.76	2021	4000000	33703.99	3221	8.05
20	Master plan Trivandrum	2012	989099	21586	54	0.55	2031	1032292	21586	101.64	0.98
21	Master Plan Aizwal	NA	NA	NA	NA	NA	2030	820000	15280	244	2.98
22	Chandigarh Master Plan	2011	1054686	11400.00	1838.26	17.43	2031	1600000	11400.00	3152.91	19.71

ANNEXURE-II

Annexure referred to in reply to part (c) of the Lok Sabha Unstarred Question No. 3092 due for answer on 21.03.2017 regarding 'Green Cover'

AMRUT- Status of Development of Parks (as on 1.3.2017)

S. No.	States/UTs	Total Plans Approved (SAAP)	Central Share	Funds for the City Parks
1	Andaman & Nicobar Islands	7	7	0.18
2	Andhra Pradesh	2890	1057	35.05
3	Arunachal Pradesh	88	79	1.02
4	Assam	407	366	10.17
5	Bihar	2470	1165	48.77
6	Chandigarh	95	54	1.36
7	Chhattisgarh	1314	585	9.34
8	Dadra&NagarHaveli	7	7	0.18
9	Daman & Diu	10	10	0.26
10	Delhi	489	489	121.22
11	Goa	209	105	6.28
12	Gujarat	4884	2070	46.45
13	Haryana	983	473	114.8
14	Himachal Pradesh	305	274	4.69
15	Jammu&Kashmir*	593	534	20.20
16	Jharkhand	690	304	24.40
17	Karnataka	4953	2319	35.44
18	Kerala	1384	674	27.25
19	Lakshadweep	2	2	0.05
20	Madhya Pradesh	6201	2593	149.03
21	Maharashtra	4479	2091	85.54
22	Manipur	111	100	2.78
23	Meghalaya	80	72	2
24	Mizoram	140	126	2.17
25	Nagaland	75	67	1.84
26	Odisha	1599	797	38.82
27	Puducherry	65	65	1.62
28	Punjab	2767	1204	288.36
29	Rajasthan	3224	1542	78.25
30	Sikkim	27	24	0.67
31	Tamil Nadu	7084	2955	138.27
32	Telangana	963	481	21.86
33	Tripura	148	133	3.23
34	Uttar Pradesh	7182	3047	210.09
35	Uttarakhand	593	534	44.23
36	West Bengal	4035	1929	59.96
	Grand Total	60553	28335	1526.82

Source: Ministry of Urban Development