

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 3502**  
TO BE ANSWERED ON 08.08.2017

**Percentage of Forest Cover**

3502. SHRI RABINDRA KUMAR JENA:

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

- the all India percentage of the total forest cover and tree cover in India during the last five years, State-wise;
- the area of forest land in hectares cleared and diverted for non-forest purposes during the said period; and
- the categories for which the land was diverted and the names of the States thereunder?

**ANSWER**

MINISTER FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE

(DR. HARSH VARDHAN):

- Forest Survey of India, Dehradun a subordinate organization under Ministry of Environment, Forest and Climate Change carries out the assessment of forest cover of the country biennially and the findings are published in India State of Forest Report. As per the last three reports i.e. India State of Forest Report (ISFR), the total forest cover and tree cover outside forest alongwith percentage to the total geographical area of the country are as follows:-

ISFR	Forest Cover in square kilometer and percentage	Tree cover outside forest in square kilometer and percentage
2015	7,01,673 (21.34%)	92,572 (2.82%)
2013	6,97,898 (21.23%)	91,266 (2.78%)
2011	6,92,027 (21.03%)	90,844 (2.76%)

The detailed list showing forest cover and tree cover States/UTs wise is given in **Annexure I & II** respectively.

- & (c) The area of forest land diverted for non-forest purpose from 01.01.2012 to 02.08.2017 is 75803.53 hectares. The name of States/UTs and categories for which the land was diverted is given in **Annexure-III and IV** respectively.

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**Annexure I**

**Annexure referred to in reply to part (a) of the Lok Sabha Unstarred Question No. 3502  
due for answer on 08.08.2017 regarding 'Percentage of Forest Cover'**

**Total Forest Cover in States/UTs as per India State of Forest Report (ISFR)****(Area in square Kilometers)**

<b>States/UTs</b>	<b>Geographical Area</b>	<b>Total Forest Cover 2011</b>	<b>Total Forest Cover 2013</b>	<b>Total Forest Cover 2015</b>
Andhra Pradesh	1,60,204	46389 (include Telangana)	24,357	24,424
Arunachal Pradesh	83,743	67410	67321	67,248
Assam	78,438	27673	27671	27,623
Bihar	94,163	6845	7291	7,288
Chhattisgarh	1,35,191	55674	55621	55,586
Delhi	1,483	176.2	180	189
Goa	3,702	2219	2219	2,224
Gujarat	1,96,022	14619	14653	14,660
Haryana	44,212	1608	1586	1,584
Himachal Pradesh	55,673	14679	14683	14,696
Jammu & Kashmir	2,22,236	22539	22538	22,988
Jharkhand	79,714	22977	23473	23,478
Karnataka	1,91,791	36194	36132	36,421
Kerala	38,863	17300	17922	19,239
Madhya Pradesh	3,08,245	77700	77522	77,462
Maharashtra	3,07,713	50646	50632	50,628
Manipur	22,327	17090	16990	16,994
Meghalaya	22,429	17275	17288	17,217
Mizoram	21,081	19117	19054	18,748
Nagaland	16,579	13318	13044	12,966
Odisha	1,55,707	48903	50347	50,354
Punjab	50,362	1764	1772	1,771
Rajasthan	3,42,239	16087	16086	16,171
Sikkim	7,096	3359	3358	3,357
Tamil Nadu	1,30,058	23625	23844	26,345
Telangana	114,865	-	21759	21,591
Tripura	10,486	7977	7866	7,811
Uttar Pradesh	2,40,928	14338	14349	14,461
Uttarakhand	53,483	24496	24508	24,240
West Bengal	88,752	12995	16805	16,828
A&N Islands	8,249	6724	6711	6,751
Chandigarh	114	17	17.26	22,.03
Dadra & Nagar Haveli	491	211	213	206
Daman & Diu	112	6	9	19.61
Lakshadweep	32	27	27.06	27.06
Puducherry	480	50	50.06	55.38
<b>Grand Total</b>	<b>32,87,263</b>	<b>692027</b>	<b>697898</b>	<b>701,673</b>

Annexure referred to in reply to part (a) of the Lok Sabha Unstarred Question No. 3502 due for answer on 08.08.2017 regarding 'Percentage of Forest Cover'

**Total Tree Cover State/ UTs wise from 2011 to 2015 as per India State of Forest Report**  
(Area in square kilometer)

States/UTs	Geographical Area	Total Tree Cover 2011	Total Tree Cover 2013	Total Tree Cover 2015
Andhra Pradesh	275069	7152	7187	3965
Arunachal Pradesh	83743	549	660	761
Assam	78438	1564	1582	1,613
Bihar	94163	2369	2164	2,182
Chhattisgarh	135191	3866	3463	3,629
Delhi	1483	120	118	111
Goa	3702	286	334	325
Gujarat	196022	7837	8358	7,914
Haryana	44212	1395	1282	1,355
Himachal Pradesh	55673	623	697	757
Jammu & Kashmir	222236	6550	7664	8,354
Jharkhand	79714	2914	2629	2,783
Karnataka	191791	5733	5920	5,552
Kerala	38863	2755	3146	2,951
Madhya Pradesh	308245	7090	7087	7,773
Maharashtra	307713	9079	9142	9,558
Manipur	22327	193	224	243
Meghalaya	22429	578	668	710
Mizoram	21081	190	223	535
Nagaland	16579	322	372	381
Odisha	155707	4301	4013	3,986
Punjab	50362	1699	1499	1,544
Rajasthan	342239	8272	7860	8,269
Sikkim	7096	25	31	35
Tamil Nadu	130058	4718	4866	4,505
Telangana	114865	-	-	2,549
Tripura	10486	184	213	233
Uttar Pradesh	240928	7382	6895	7,044
Uttarakhand	53483	642	703	752
West Bengal	88752	2335	2144	2,088
Andaman & Nicobar	8249	39	41	37
Chandigarh	114	10	10	9
Dadra & Nagar Haveli	491	29	29	28
Daman & Diu	112	9	9	10
Lakshadweep	32	5	5	4
Puducherry	480	31	29	27
<b>Grand Total</b>	<b>3287263</b>	<b>90,844</b>	<b>91,266</b>	<b>92,572</b>

**Annexure III**

Annexure referred to in reply to part (b) & (c) of the Lok Sabha Unstarred Question No. 3502 due for answer on 08.08.2017 regarding 'Percentage of Forest Cover'

Statement Showing total area diverted (State wise) for forest land under FC, Act 1980 during the period 01/01/2012 to 02/08/2017.

S. No.	STATE / UT	Approved	
		No. of Cases	Total Land Diverted (Ha.)
1	Andaman and Nicobar	16	34.04
2	Andhra Pradesh	38	2864.99
3	Arunachal Pradesh	43	3165.49
4	Assam	3	130.48
5	Bihar	66	699.90
6	Chandigarh	5	40.43
7	Chhattisgarh	46	7398.30
8	Dadar & Nagar Haveli	5	7.64
9	Daman and Diu	0	0.00
10	Delhi	4	15.15
11	Goa	1	0.81
12	Gujarat	146	1784.72
13	Haryana	983	8324.74
14	Himachal Pradesh	84	1142.03
15	Jammu and Kashmir	0	0.00
16	Jharkhand	42	5313.71
17	Karnataka	64	904.63
18	Kerala	11	30.98
19	Lakshadweep	0	0.00
20	Madhya Pradesh	133	9403.65
21	Maharashtra	77	5855.02
22	Manipur	13	2240.16
23	Meghalaya	5	374.51
24	Mizoram	3	458.76
25	Nagaland	0	0.00
26	Orissa	83	8444.80
27	Pondicherry	0	0.00
28	Punjab	666	881.78
29	Rajasthan	62	4388.98
30	Sikkim	90	162.70
31	Tamil Nadu	20	587.56
32	Telangana	32	6497.97
33	Tripura	22	129.89
34	Uttar Pradesh	73	1565.68
35	Uttarakhand	84	2726.91
36	West Bengal	11	227.10
Total		2931	75803.53

**Annexure IV**

**Annexure referred to in reply to part (b) & (c) of the Lok Sabha Unstarred Question No. 3502 due for answer on 08.08.2017 regarding 'Percentage of Forest Cover'**

**Statement showing total area diverted (Category-wise) for Forest Land under FC Act, 1980 during the period 01.01.2012 to 02.08.2017.**

S. NO.	CATEGORY	Approved	
		No. of Cases	Total Land Diverted (Ha.)
1	Borehole Prospecting	4	50.99
2	Defence	19	2471.85
3	Dispensary/Hospital	8	42.49
4	Disputed Settlement Claims	0	0.00
5	Drinking Water	45	124.69
6	Encroachments	0	0.00
7	Forest Village Conversion	7	966.20
8	Hydel	39	2391.07
9	Industry	49	75.02
10	Irrigation	101	10347.07
11	Mining	141	25507.80
12	Quarrying	4	11.47
13	Railway	55	1324.26
14	Rehabilitation	5	754.18
15	Road	629	8662.73
16	School	15	16.21
17	Thermal	16	2725.01
18	Transmission Line	321	7632.21
19	Village Electricity	5	0.50
20	Wind Power	11	517.47
21	Others	1457	12182.31
<b>Total</b>		<b>2931</b>	<b>75803.53</b>