

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 173
TO BE ANSWERED ON 15.12.2017

Tiger Reserves

173. DR. SHRIKANT EKNATH SHINDE:
SHRI PINAKI MISRA:

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

- (a) the number of tiger reserves in the country along with details of their area in percentage as compared to the total physical area of the country;
- (b) whether the Government has made any census of the tigers population in the country and if so, the details thereof along with their present population, reserve/State/UT-wise;
- (c) the total increase in the tigers population in the last five years since the beginning of 2012-13;
- (d) whether reportedly an average of 11 tigers died every month in the country and the count is increasing day by day and if so, the details of the deaths of the tigers during last five years and the current year, reserve-wise; and
- (e) whether the Government has made any study to find out the causes of deaths of the tigers in the country and if so, the details thereof and the action taken thereon?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

(DR. MAHESH SHARMA)

- (a) India has 50 tiger reserves currently, having an area of 72749.02 sq.km. in 18 tiger range States, which is 2.21% of country's geographical area.
- (b) & (c) As per the assessment of the Status of Tigers, Co-predators and Prey, 2014 using the refined methodology, the tiger number has shown 30% increase countrywide with an estimated number of 2226 (range 1945-2491) as compared to 2010 estimation of 1706 (range 1520-1909 tigers). The country level tiger estimation using the refined methodology is done once in four years. The details of tiger estimation pertaining to tiger landscapes in the country for the years 2010 and 2014 are at **Annexure-I**.
- (d) It is not a fact that an average of 11 tigers died every month in the country and the count is increasing day by day. Details of the death of tigers during last five years and the current year, reserve-wise, as reported by States, is at **Annexure-II**. Details of death of tigers outside tiger reserves during last five years and the current year, State-wise, as reported by States is at **Annexure-III**.
- (e) Cause of death is analysed on a case to case basis and cause is attributed after following a robust and exhaustive procedure which entails assessing reports as per Standard Operating Procedure of the National Tiger Conservation Authority, forensic analysis, pathology reports besides post mortem reports. Action if the death is not found natural is taken as per relevant provisions of the Wildlife (Protection) Act, 1972.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PARTS (b) & (c) OF THE UNSTARRED QUESTION NO. 173 ON TIGER RESERVES DUE FOR REPLY ON 15.12.2017****Details of tiger estimation pertaining to tiger landscapes in the country, for the years 2010 and 2014**

State	Tiger Population		Increase / Decrease / Stable
	2010	2014	
<i>Shivalik-Gangetic Plain Landscape Complex</i>			
Uttarakhand	227 (199-256)	340	Increase
Uttar Pradesh	118 (113-124)	117	Stable
Bihar	8 (-)	28	Increase
Shivalik Gangetic	353 (320-388)	485 (427-543)	Increase
<i>Central Indian Landscape Complex and Eastern Ghats Landscape Complex</i>			
Andhra Pradesh (including Telangana)	72 (65-79)	68	Stable
Chhattisgarh	26 (24-27)	46	Increase
Madhya Pradesh	257 (213-301)	308	Increase
Maharashtra	169 (155-183)	190	Increase
Odisha	32 (20-44)	28	Stable
Rajasthan	36 (35-37)	45	Increase
Jharkhand	10 (6-14)	3+	Decrease*
Central India	601 (518-685)	688 (596-780)	Increase
<i>Western Ghats Landscape Complex</i>			
Karnataka	300 (280-320)	406	Increase
Kerala	71 (67-75)	136	Increase
Tamil Nadu	163 (153-173)	229	Increase
Goa	-	5	Increase
Western Ghats	534 (500-568)	776 (685-861)	Increase
<i>North Eastern Hills and Brahmaputra Flood Plains</i>			
Assam	143 (113-173)	167	Increase
Arunachal Pradesh	-	28*	Increase
Mizoram	5	3+	Stable
North West Bengal	-	3	**
North East Hills, and Brahmaputra	148 (118-178)	201 (174-212)	Increase
<i>Sunderbans</i>	70 (64-90)	76 (92-96)	Stable
TOTAL	1706 (1520-1909)	2226 (1945-2491)	Increase

+ From scat DNA

* From camera trap data and scat DNA

* Much of the tiger occupied areas could not be surveyed owing to naxal problem

** Tiger estimation was not done in the year 2010

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PART (d) OF THE LOK SABHA UNSTARRED QUESTION NO. 173 ON TIGER RESERVES DUE FOR REPLY ON 15.12.2017****Details of the death of tigers inside tiger reserves during last five years and the current year, reserve-wise, as reported by States**

State	Tiger Reserve Name	2012	2013	2014	2015	2016	2017 (as on 11.12.2017)
Andhra Pradesh	Nagarjunasagar-Srisailem	0	0	1	0	0	0
Assam	Kaziranga	4	6	3	4	1	5
	Manas	0	0	1	0	1	1
	Orang	0	0	0	0	2	1
	Nameri	0	0	0	0	0	2
Bihar	Valmiki	1	0	3	2	4	0
Karnataka	Nagarhole	2	5	1	5	10	9
	Bandipur	5	5	4	6	4	3
	Billigiri Ranganatha Temple	1	1	1	4	0	0
	Bhadra	0	0	0	0	0	3
Kerala	Periyar	1	0	0	5	0	0
	Parambikulam	0	0	1	0	0	1
Madhya Pradesh	Kanha	3	2	5	3	11	2
	Bandhavgarh	3	5	7	1	6	4
	Panna	1	1	1	1	1	0
	Pench	0	1	1	1	8	2
	Sanjay-Dubri	0	0	0	1	0	1
	Satpura	0	0	0	1	0	1
Maharashtra	Tadoba-Andhari	3	0	3	3	4	3
	Melghat	1	3	1	0	2	1
	Pench	1	0	0	0	1	5
	Bor	0	0	0	0	1	0
	Nawegaon-Nagzira	0	0	0	0	1	0
Odisha	Similipal	1	1	0	1	0	1
Rajasthan	Ranthambhore	1	1	0	1	3	1
Tamil Nadu	Anamalai	2	0	2	0	1	0
	Mudumalai	2	0	6	2	2	1
	Sathyamangalam	0	0	2	2	1	1
	Kalakad-Mundanthurai	0	0	0	1	0	0

Uttar Pradesh	Dudhwa	1	0	0	0	2	2
	Pilibhit	0	0	1	3	1	2
	Amangarh (Buffer of Corbett Tiger Reserve)	0	0	0	0	0	1
Uttarakhand	Corbett	4	4	1	3	4	7
West Bengal	Sundarbans	2	1	0	3	0	0
		39	36	45	53	71	60

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PART (d) OF THE LOK SABHA UNSTARRED QUESTION NO. 173 ON TIGER RESERVES DUE FOR REPLY ON 15.12.2017**

Details of death of tigers outside tiger reserves during last five years and the current year, State-wise, as reported by States

S. No.	State	2012	2013	2014	2015	2016	2017 (as on 11.12.2017)
1	Andhra Pradesh	0	0	1	0	0	0
2	Arunachal Pradesh	1	0	0	0	1	0
3	Assam	2	2	2	1	3	5
4	Bihar	0	0	0	0	0	0
5	Chhattisgarh	1	0	2	1	2	2
6	Delhi	0	0	0	0	2	0
	Haryana	1	0	0	0	0	0
7	Jharkhand	0	0	0	0	0	0
8	Karnataka	6	4	1	0	3	1
9	Kerala	4	6	3	1	5	1
10	Madhya Pradesh	7	1	2	7	6	12
11	Maharashtra	9	8	6	9	8	11
12	Mizoram	0	0	0	0	0	0
13	Nagaland	0	0	0	0	1	0
14	Odisha	0	0	0	0	1	0
15	Rajasthan	0	0	0	0	1	0
16	Tamil Nadu	3	2	7	1	4	1
17	Telangana	0	0	1	0	2	0
18	Uttar Pradesh	5	1	1	1	1	3
19	Uttarakhand	9	8	7	7	10	9
20	West Bengal	1	0	0	0	1	0
		49	32	33	28	51	45
