

1	2	3	4
Conservation Reserves (Con. Res.)	55	1939.90	0.06
Community Reserves (Com. Res.)	4	20.69	0.00
TOTAL Protected Areas (PAs)	677	162037.28	4.93

#### **Irregularities in environmental clearance to new industries**

1894. DR. V. MAITREYAN: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether it is a fact that some irregularities have been found in granting environmental clearances for establishing new industries in the country;

(b) if so, the details thereof;

(c) whether Government proposes not to grant any clearance to new industries for time being so as to check the said irregularities;

(d) if so, whether Government proposes to bring any white paper in this regard; and

(e) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN): (a) No, Sir.

(b) Does not arise in view of reply to (a) above.

(c) No, Sir.

(d) and (e) Do not arise in view of reply to (c) above.

#### **Rehabilitation of tigers**

†1895. SHRI MOHAN SINGH: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether any census has been held to ascertain the number of tigers in different parts of the country;

(b) if so, the number of different sub species of tigers like tiger, gular and cheetah etc. in the country, separately;

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† Original notice of the question was received in Hindi.

(c) whether any of the sub species of tiger is conserved in the dense forests situated in Palamau and Hazaribagh districts of Jharkhand;

(d) if not, whether there is any plan to rehabilitate any of the sub species of tigers under the National Tiger Conservation Plan in these forests; and

(e) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN): (a) and (b) The country level tiger population, assessed once in every four years using the refined methodology, has shown an increasing trend with a population estimate of 1706, lower and upper limits being 1520 and 1909 respectively, in the recent assessment of 2010, as compared to the last country level assessment of 2006, with an estimate of 1411, lower and upper limits being 1165 and 1657 respectively. The details of tiger estimation for the years 2006 and 2010 are given in the Statement I (*See below*). The country level population estimation of gular (leopard) has not been done at the country level. However, details of spatial occupancy of leopard during 2006 and 2010 in the seventeen tiger range States are given in Statement II (*See below*). The Cheetah is extinct from the wild in India.

(c) to (e) The Palamau Tiger Reserve, located in Latehar and Garhwa districts of Jharkhand is the only tiger reserve in the said State, receiving funding support under the ongoing Centrally Sponsored Scheme of Project Tiger to foster tiger conservation.

**Statement I***Details of tiger estimation for the year 2006 and 2010*

State	Tiger Population						Increase/ Decrease/ Stable
	2006			2010			
	Estimate (Number)	Statistical Lower Limit	Statistical Upper Limit	Estimate (Number)	Statistical Lower Limit	Statistical Upper Limit	
1	2	3	4	5	6	7	8
Shivalik-Gangetic Plain Landscape Complex							
Uttarakhand	178	161	195	227	199	256	Increase
UttarPradesh	109	91	127	118	113	124	Stable
Bihar	10	7	13	8(-)***	(-)**	(-)**	Stable
Shivalik-Gangetic landscape	297	259	335	353	320	388	Stable
Central Indian Landscape Complex and Eastern Ghats Landscape Complex							
Andhra Pradesh	95	84	107	72	65	79	Decrease
Chhattisgarh	26	23	28	26	24	27	Stable

Madhya Pradesh	300	236	364	257	213	301	Stable
Maharashtra	103	76	131	169	155	183	Increase
Odisha	45	37	53	32	20	44	Stable
Rajasthan	32	30	35	36	35	37	Stable
Jharkhand	Not assessed			10	6	14	Could not be compared since it was not assessed in 2006.
Central Indian landscape	601	486	718	601	518	685	Stable
<b>Western Ghats Landscape Complex</b>							
Karnataka	290	241	339	300	280	320	Stable
Kerala	46	39	53	71	67	75	Increase
Tamil Nadu	76	56	95	163	153	173	Increase
Western Ghats landscape	402	336	487	534	500	568	Increase
<b>North Eastern Hills and Brahmaputra Flood Plains</b>							
Assam	70	60	80	143	113	173	Increase

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1	2	3	4	5	6	7	8
Arunachal Pradesh	14	12	18	Not assessed	Not assessed	Not assessed	Could not be compared since it was not assessed in 2010.
Mizoram	6	4	8	5(-)***	(-)**	(-)**	Stable
Northern West Bengal	10	8	12	Not assessed	Not assessed	Not assessed	Could not be compared since it was not assessed in 2010.
North East Hills, and Brahmaputra landscape	100	84	118	148	118	178	Increase
Sundarbans	Not assessed	Not assessed	Not assessed	70	64	90	Could not be compared since it was not assessed in 2006.
TOTAL	1411	1165	1657	1706	1520	1909	

\*\*\* Statistical lower/upper limits could not be ascertained owing to small size of the population.

**Statement II***Details of spatial occupancy of leopards during 2006 and 2010*

State	Leopard km2		Increase/ Decrease/Stable
	2006	2010	
Shivalik-Gangetic Plain Landscape Complex			
Uttarakhand	3683	8769	Increase
Uttar Pradesh	2936	4234	Increase
Bihar	552	735	Increase
Central Indian Landscape Complex and Eastern Ghats Landscape Complex			
Andhra Pradesh	37609	10374	Decrease
Chhattisgarh	14939	23188	Increase
Madhya Pradesh	34736	24308	Decrease
Maharashtra	4982	18914	Increase
Odisha	25516	12603	Decrease
Rajasthan	-	754	-
Jharkhand	131	2645	Increase
Western Ghats Landscape Complex			
Karnataka	20506	21326	Stable
Kerala	8363	9274	Increase
Tamil Nadu	14484	10060	Decrease
TOTAL	168437	147184	

**Reduction in emission levels**

1896. SHRI PIYUSH GOYAL: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

- (a) whether India is a signatory to the Kyoto Protocol;