

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 3304
TO BE ANSWERED ON 06.12.2016

Tiger Deaths in Thissur Zoo

3304. DR. KIRIT SOMAIYA:
SHRI JANAK RAM:

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

- (a) whether incidents of tiger deaths in Zoos and Wildlife Sanctuaries/National Park have been reported in the country;
- (b) if so, the details thereof during each of the last three years and the current year, State and Wildlife sanctuary/Zoo-wise including Thissur Zoo;
- (c) whether a total 100 tiger deaths have been recorded in 2015-2016, if so, the reasons for the death of a huge number of tigers within a short period;
- (d) the reasons for the deaths of tigers in the said Wildlife sanctuaries and Zoos; and
- (e) the corrective steps being taken to prevent the deaths of tigers in the zoos and wildlife sanctuaries/National Park authorities?

ANSWER

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

- (a) to (d) Yes, Sir. The details of tiger deaths in Zoos and reasons thereof are at Annexure. Only 45 tigers have died in the Zoos during 2015-2016.
- (e) The Central Zoo Authority has stipulated standards/norms under Recognition of Zoo Rules, 2009 for development and planning, housing and animal enclosures, upkeep and healthcare, veterinary care and infrastructure etc. in the zoos for better management of captive wild animals including tigers. Moreover, the Central Zoo Authority has issued following directives to all recognized zoos in the country:

1. Suggested Health Monitoring Protocol for Zoos.

2. Monitoring of Hygiene and incidence of Blood Borne Disease in Zoos.
3. Supply of quality feed for zoo animals.
4. Population control measures for Lions, Tigers and common ungulates.

Central Zoo Authority in association with the Indian Veterinary Research Institute, Bareilly and Tamil Nadu Veterinary and Animal Sciences University, Chennai has published following protocols/books for captive wild animals including tigers:

- a) Standardisation of animal diets in Indian zoos.
- b) Standards, Guidelines and Protocol of Disease Diagnosis and Care of Wild Animals in Indian Zoos.
- c) Colour Atlas on parasites of captive and animals.

Central Zoo Authority has designated the Indian Veterinary Research Institute, Bareilly as National Referral Centre for disease diagnosis and care of wild animals. All recognized zoos of the country take help from the referral centre for health care of captive wild animals including tigers.

Protected Areas, viz., National Park/Sanctuaries, Conservation Reserves and Community Reserves covering important wildlife habitats have been created all over the country under the provisions of the Wild Life (Protection) Act, 1972 to conserve wild animals and their habitats.

Special programmes like 'Project Tiger' and 'Project Elephant' have been launched for conservation of these endangered species and their habitats.

In addition to provision of stringent punishment for the offenders, the Wild Life (Protection) Act, 1972 also provides for forfeiture of any equipment, vehicle or weapon that is used for committing wildlife offence(s).

The Wildlife Crime Control Bureau has been set up to ensure co-ordination among various officers and State Governments in connection with the enforcement of law for control of poaching and illegal trade in wildlife and its products.

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ANNEXURE

ANNEXURE REFER TO IN REPLY TO PART (b) AND (d) OF THE LOK SABHA UNSTARRED QUESTION NO. 3304 REGARDING “TIGER DEATHS IN THIRSSUR ZOO” RAISED BY DR. KIRIT SOMAIYA AND SHRI JANAK RAM DUE FOR REPLY ON 05.12.2016.

Year	State	Zoo	Reason for death	Tigers died
2013-2014	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	Due to Senility & Multi organ failiure	1
	Karnataka	Dr. K.Shivarma Karanth Pililkula Biological Park, Mangaluru	ill-health	1
		Tiger & Lion Safari, Shimoga	P.M. Awaited	1
		Bannerghatta Bioblogical Park, Bengaluru	Old age	2
	Madhya Pradesh	Van Vihar National Park Zoo, Bhopal	Senility	1
	Telangana	Nehru Zoological Park, Hyderabad	Blood discharge from nostrils & Both lobes of lungs congested	1
	Uttar Pradesh	Kanpur Zoological Park, Kanpur	infection in lungs & kidney	1
2013-2014 Total				8
2014-2015	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	multi-organ failure	1
			Old age	1
	Assam	Assam State Zoo Cum Botanical Garden, Guwahati	Pneumonia	1
	Chhattisgarh	Maitri Baagh Zoo, Bhilai	Respiratory failure	1
			Old age	1
	Gujarat	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat	Senility	1
	Jharkhand	Bhagwan Birsa Biological Park, Ranchi	Respiratory failure	1
	Karnataka	Bannerghatta Bioblogical Park, Bengaluru	Senility	1

			Old age	1
	Madhya Pradesh	Kamla Nehru Prani Sangrahalaya Zoo, Indore	Old age	1
		Van Vihar National Park Zoo, Bhopal	Cardiac arrest	1
	Odisha	Nandankanan Biological Park, Bhubaneswar	Old age	1
			Cardiac arrest	1
	Punjab	Mahendra Chaudhury Zoological Park, Chhatbir	Senility	1
			Old age	1
2014-2015 Total				15
2015-2016	Andhra Pradesh	Sri Venkateswara Zoological Park, Tirupati	Ascites and toxaemia	1
			Nephritis and hemangio sarcoma	1
			Acute nephritis and kidney failure	1
			Multitorgan failure	1
	Assam	Assam State Zoo Cum Botanical Garden, Guwahati	Pneumonia with hemorrhagic enteriitis (pasteurella organism isolated)	1
			Suspected Black quarter	1
	Chhattisgarh	Maitri Baagh Zoo, Bhilai	cardiac respiratory failure	1
	Delhi	National Zoological Park	Chock meat and piece stuck	1
	Gujarat	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat	Septicemia	1
			Senility	1
	Haryana	Rohtak Zoo, Rohtak	Died due to cardio respixatory failure	1
	Jharkhand	Bhagwan Birsa Biological Park, Ranchi	Respiratory failure	2
			Cardio - Respiratory failure as a result of supportive pyelonephritis leading to secondary infections in different organ followed by their failure.	1
			Cardio - Respiratory failure as a result of suppurative pyelonephritis leading to secondary infections in	1

			differnt organ followed by their failure	
			Cardio - Respiratory failure as a result of ulcerative gastritis, severe anaemia & spleenomegaly.	1
			Cardio - Respiratory failure as result of ulcerative gastritis, severe anaemia & spleenomegaly.	1
		Tata Steel Zoological Park, Jamshedpur	Cardio - Pulmonary failure due to chronic nephritis	1
			Cardio pulmonary failure	1
	Karnataka	Dr. K.Shivarma Karanth Piliikula Biological Park, Mangaluru	Senility	1
		Sri Chamarajendra Zoological Gardens, Mysuru	Renal failure	1
			Died due to senility	1
		Tiger & Lion Safari, Shimoga	Chronic renal failure	2
		Bannerghatta Biological Park, Bengaluru	Mammary Gland Tumor	1
			Multi - organ failure cytitis	1
	Madhya Pradesh	Gandhi Zoological Park, Gwalior	Respiratory failure	1
		Kamla Nehru Prani Sangrahalaya Zoo, Indore	P.M.Awaited	1
		Van Vihar National Park Zoo, Bhopal	Asphexia	3
	Maharashtra	Aurangabad Municipal Zoo, Aurangabad	Senility	1
	Odisha	Nandankanan Biological Park, Bhubaneswar	Old age	2
	Punjab	Mahendra Chaudhury Zoological Park, Chhatbir	Chronic multiple transportation induced organ failure and anemic lesions	1
			Degenerative senile lesions	1
	Tamil Nadu	Arignar Anna Zoological Park, Chennai	Senility	1
			Chronic renal failure	1
	Telangana	Nehru Zoological Park, Hyderabad	death could be due to internal haemorrhages shock and	1

			death	
			Shock	1
	Uttar Pradesh	Nawab Wazid Ali Shah Zoological Garden, Lucknow	Cardio respiratory failure	2
			Senility	1
2015-2016 Total				43
2016-2017	Andhra Pradesh	Sri Venkateswara Zoological Park, Tirupati	Senility	1
	Gujarat	Indroda Nature Park, Gandhinagar	Multitple senile complication	1
	Kerala	State Museum and Zoo, Thrissur	Multiple organ failure and partial pulmonary collapse	2
	Madhya Pradesh	Van Vihar National Park Zoo, Bhopal	Cardiac arrest	1
	Odisha	Nandankanan Biological Park, Bhubaneswar	Old age	1
	Rajasthan	Kota Zoo, Kota	Myocardial infarction	1
	Tripura	Sepahijala Zoological Park, Agartala	Hepatic Cellular Carcinoma	1
2016-2017 Total (reported till 01.12.2016)				8
Grand Total				74