

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 6537**  
TO BE ANSWERED ON 06.04.2018

**Mortality of Tigers**

6537. SHRI KIRTI VARDHAN SINGH:

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

- (a) whether the Government is aware of the fact that forty five percent of the total mortality of tigers from 2012-17 has been un-natural;
- (b) if so, the details thereof along with the reasons therefor;
- (c) whether the Government is contemplating for the new census of the tigers and if so, the details thereof;
- (d) whether due to various reasons like accessibility and the fact that tigers are spread over large areas, north-east was not adequately surveyed in the past counts although the entire region was covered; and
- (e) if so, the details thereof and the measures being taken for accurate census of tigers in such areas?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**  
**(DR. MAHESH SHARMA)**

- (a) & (b) 45% of tigers have died due to unnatural causes from the period 2012-17. Out of this 45%, 22% are due to poaching, 15% are seizures while the remaining are due to unnatural causes not attributable to poaching like road and rail accidents, elimination by authorities in conflict events as per the Wildlife (Protection) Act, 1972 etc.
- (c) The fourth round of the All India Tiger Estimation, 2018 is ongoing. The said estimation involves a refined methodology of double sampling, in collaboration with the Wildlife Institute of India and tiger States involving other national conservation NGOs as partners.
- (d) & (e) The All India Tiger Estimation, since its inception in 2006 has been providing satisfactory view. With evolution and progress in the field of animal estimation, subtle enhancements to increase the precision, like use of a smaller grid size, besides use of random encounter models and Polygon Search method in the North East, shall be employed.

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