

## Counting the Tigers

### Why in news?

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The tiger census found that the tiger count in at least two of Assam's four reserves has registered a growth.

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### Where the survey was conducted?

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The survey has been conducted in four tiger reserves in Assam:

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- \n1. Manas National park
- \n2. Orang national park
- \n3. Kaziranga national park
- \n4. Nameri national park

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### What are the key findings of the survey?

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- \n• Manas National Park has recorded the presence of 30 tigers,
- \n• Orang National Park has put the figure at 28.
- \n• Kaziranga National Park is expected to cross the 140-mark.
- \n• There is a big jump from 14 from the last survey.

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## **How does Ministry of Environment and Forest count the tigers?**

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- Counting of tigers in India is done in three phases. This method was created by the National Tiger Conservation Authority (NTCA) & Wildlife Institute of India, Dehradun & is being followed uniformly across the country.

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- Phase 1: Ground survey data at the beat level was collected by field personnel in a standardized protocol after training.

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- Phase 2: Statistical and satellite data were analysed by the Wildlife Institute of India in collaboration with the National Tiger Conservation Authority.

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- Phase 3: The camera trapping procedure was conducted by research biologists.

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- Then through a mathematical model, statistical computation is done so as to check & balance all the errors in the three phases by comparing various figures obtained during the 3 phases.

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- Then by statistical computation, the ground survey data, Habitat Character Data & Relationship Equation (Tiger Density to Habitat Characters and Ground Survey) is computed together. This gives us the estimation of Tiger Population.

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## **What are the steps taken globally for tiger conservation?**

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- There is a consortium known as The Tiger Range Countries (TRC) there are the countries where tigers still roam free.

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- The TRCare: Bangladesh, Bhutan, Cambodia, China, India, Indonesia, Lao PDR, Malaysia, Myanmar, Nepal, Russia, Thailand, Vietnam and North-Korea.

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- Last year India Inaugurated Tiger conservation Summit for the TRC.

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- More than 700 tiger experts, scientists, managers, donors and other

stakeholders participated in the summit and discussed the issues related to tiger conservation.

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**Source: Indian Express**

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