

**GOVERNMENT OF INDIA  
MINISTRY OF HEALTH AND FAMILY WELFARE  
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA  
UNSTARRED QUESTION NO. 1036  
TO BE ANSWERED ON 3<sup>rd</sup> DECEMBER, 2021**

**INCREASE IN DENGUE AND MALARIA CASES**

**1036. SHRI SUNIL KUMAR SINGH  
SHRI SUMEDHANAND SARASWATI:**

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) whether the Government is aware that the cases of Dengue and Malaria are on the rise during the winter season;
- (b) if so, the details thereof and the steps taken by the Government to put a check and prevent its proliferation;
- (c) the number of cases of Dengue and Malaria that have occurred along with number of deaths recorded during the last three years;
- (d) whether the Government proposes to initiate any research work on vector borne disease like dengue in order to develop safeguard against dengue; and
- (e) if so, the details thereof?

**ANSWER**

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY  
WELFARE**

**(DR. BHARATI PRAVIN PAWAR)**

(a) & (b)

During 2021 (till 21.11.21), a total number of 1,64,103 cases have been reported due to Dengue in the country, as against 2,05,243 in 2019. The Case Fatality Rate has been sustained at <1% since 2008. It has further come down below 0.2% in 2018 and 0.1% in 2019, which has been maintained at this level since then. Accordingly, it cannot be said that the Dengue cases are rising in the Country. The dengue and malaria cases are reported during monsoon and post monsoon period and decline with the onset of winter.

Government of India has taken the following measures for prevention and control of dengue and malaria in the country:

- Provided Technical Guidelines for prevention and control, case management & effective community participation to the States for implementation. 15 advisories were issued from time to time to States/UTs for prevention and control of dengue in 2021.
- Free diagnostic facilities through 713 Sentinel Surveillance Hospitals and 17 Apex Referral laboratories identified across the country are fully functional. 7.26 Lakh IgM tests have been provided by Government of India. Adequate funds have been provided to states for procurement of NS1 kits for early diagnosis.
- Under National Health Mission, necessary and sufficient budgetary support is provided to states/UTs for dengue control activities i.e., dengue case management, vector control activities (provision of domestic breeding checkers, insecticide, fogging machines etc), training support, awareness activities, etc.
- Integrated Vector Management including Indoor Residual Spraying (IRS) in selected high risk areas, Long Lasting Insecticidal Nets (LLINs) in high malaria endemic areas, use of larvivorous fish, anti-larval measures in urban areas including bio-larvicides and minor environmental engineering and source reduction for prevention of breeding.
- Disease Management involving early case detection with active, passive and sentinel surveillance followed by complete and effective treatment, strengthening of referral services, epidemic preparedness and rapid response.
- Supportive Interventions aiming at Behaviour Change Communication (BCC), Inter-Sectoral Convergence and Human Resource Development through capacity building.

(c)

The number of cases/deaths occurred due to Dengue and Malaria during the last three years and current year are as under:

Year	Dengue		Malaria	
	Cases	Deaths	Cases	Deaths
2018	124493	258	429928	96
2019	205243	193	338494	77
2020	44585	66	186532	93
2021	164103 (Prov till 21 <sup>st</sup> Nov)	146 (Prov till 21 <sup>st</sup> Nov)	107316 (Prov till Sept)	45 (Prov till Sept)

(d) & (e)

Indian Council of Medical Research (ICMR) supports the National Centre for Vector Borne Disease Control by carrying out research studies in the field of vector-borne diseases including Dengue which focuses on entomological surveillance, source reduction activities, insecticide resistance and vector control measures in order to minimize the risk of transmission.