

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

**LOK SABHA  
UNSTARRED QUESTION NO. 1113  
TO BE ANSWERED ON 05.12.2025**

**USE OF AI-ENABLED EARLY WARNING SYSTEM**

**1113. SHRI SUKANTA KUMAR PANIGRAHI:**

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

- (a) whether the Government proposes to expand the use of AI-enabled early-warning systems for real-time detection of disease outbreaks, antimicrobial resistance patterns and public health emergencies across States and if so, the details thereof;
- (b) the steps taken/proposed to be taken by the Government to integrate Central, State and district-level health data platforms with the National Digital Health Mission for improved prediction, surveillance, and response mechanisms;
- (c) whether the Government plans to establish regional Public Health Intelligence Units for specialized analytics, particularly in remote, tribal and high-vulnerability zones; and
- (d) if so, the proposed framework for capacity-building, data governance, inter-agency coordination and the deployment of such systems in collaboration with public health institutions and research bodies?

**ANSWER  
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH & FAMILY  
WELFARE  
(SHRI PRATAPRAO JADHAV)**

(a) to (d) The Integrated Disease Surveillance Programme (IDSP) is mandated with surveillance & response to outbreak prone communicable diseases. IDSP uses Artificial Intelligence (AI) tools since April 2022, in Media Scanning and Verification to detect early warning signals and generating alerts for timely management of the potential outbreaks.

The Integrated Health Information Platform (IHIP) is a paperless, case-based, near-real-time reporting system introduced in 2021 to strengthen national disease surveillance. All 36 States and Union Territories report through IHIP, which provides a unified platform for public-health monitoring at the district, state, and national levels.

The Ayushman Bharat Digital Mission (ABDM) was launched by the Government of India in September 2021 to support the development of an integrated, citizen-centric national digital health ecosystem. Several national health programme platforms including Pradhan Mantri Jan Arogya Yojana (PM-JAY), Nikshay portal, Reproductive and Child Health (RCH) and Non-Communicable Diseases (NCD) are integrated with ABDM enabling public health facilities in the States/UTs to use ABDM enabled software, to create Ayushman Bharat Health Accounts (ABHAs) & digital health records for seamless interoperability across the

ecosystem. These measures enable creation of digitized records, thereby making it usable for data analytics including predictive analytics, disease surveillance, and rapid response.

Establishment of Regional and State NCDC branches have been approved to support and boost States/UTs capacity for disease surveillance, outbreak investigation, referral diagnostic services and rapid response, to contain and combat outbreaks, thereby benefitting the local populace.

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