

National Health Stack

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NITI Aayog has invited suggestions on creation of National Health Stack.

Proposed National Health Stack (NHS)

- The National Health Stack (NHS) envisages a centralized health record for all citizens of the country in order **to streamline the health information and facilitate effective management of the same.**
- The proposed NHS is an approach to address the challenge and seeks **to employ latest technology including Big Data Analytics and Machine Learning** Artificial Intelligence, a state of the art Policy Mark-up Language.
- It also aims to create a unified health identity of citizens – as they navigate across services across levels of care, i.e. **Primary, Secondary and Tertiary and also across Public and Private.**

Making Ayushman Bharat more promising

- This flagship health programme is designed with a powerful yet simple objective in mind: to develop a wellness focused strategy, ensuring cost effective healthcare for all.
- The program leverages a two-pronged approach:
 - On the supply side, substantial investments will be made to build 1.5 lakh health and wellness centers offering preventive and primary care; and
 - On the demand side, the Pradhan Mantri-Rashtriya Swasthya Suraksha Mission (PM-RSSM) will create a national insurance cover of up to 5 lakhs per year per family for over 10 crores households, towards secondary and tertiary care.

Achieving such scale requires a rethink the core technology backbone of our system and leverage cutting edge digital solutions to tackle the challenge.

Utility of the National Health Stack

- The innovativeness of the proposed National Health Stack design lies in its ability to **leverage a shared public good – a strong digital spine** built with a deep understanding of the incentive structures of the system.
- Once implemented, it will significantly bring down the costs of health protection, **converge disparate systems to ensure a cashless and seamlessly experience** for the poorest beneficiaries, and promote wellness across the population.
- Various layers of the NHS will be seamlessly linked to **support national health electronic registries**, a coverage and claims platform, a federated personal health records framework, a national health analytics platform as well as other horizontal components.
- The stack **will embrace health management systems of public health programs** and socio-demographic data systems.
- Once implemented, the NHS will significantly **bring down the costs of health protection**, converge disparate systems to ensure a cashless and seamlessly integrated experience for the poorest beneficiaries, and promote wellness across the population.
- The NHS proposes to allow states to **incorporate horizontal and vertical expansion of scheme**, avoid duplication of efforts and enable ease of adoption for those without systems or with dysfunctional systems in place, continue using their own state system while integrating with Rashtriya Swasthya Suraksha Mission (RSSM) via Application Programming Interface (APIs), making migration simple in case of states with more advanced systems.

- The key components of the NHS includes electronic health registries, coverage and claims platform, digital health ID cards, federated personal health records (PHR) framework and the National Health Analytics Framework.