

National e-Health Strategy

An Overview



e-Health [electronic - Health]

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e-Health is the cost-effective and secure use of information and communications technologies in support of health and health-related fields, including health-care services, health surveillance, health literature, and health education, knowledge and research.



e-Health in Policies, Strategies of Nepal

राष्ट्रिय स्वास्थ्य नीति

१.९ टेलिमेडिसिन (इहेल्थ) को माध्यमबाट देशभर स्वास्थ्य सेवा सुलभ रूपमा उपलब्ध गराउँदै लगिनेछ ।

१२.५ स्वास्थ्य व्यवस्थापनका लागि आधुनिक सूचना प्रविधिको अधिकतम प्रयोग गरिनेछ ।

अनुगमन तथा मूल्याङ्कन: स्वास्थ्य व्यवस्थापन सूचना प्रणालीलाई समयानुसार परिमार्जन र पूर्ण कम्प्युटर प्रणालीमा स्तरोन्नति गरिने छ ।



e-Health in Policies, Strategies of Nepal

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Nepal Health Sector Strategy (NHSS)

Outcome 9: Improved availability and use of evidence in decision-making processes at all levels

- Access to available information will be increased through the use of ICT technologies.
- All the routine information systems will be functional and interoperable with the data being housed at a central data warehouse.



e-Health in Policies, Strategies of Nepal

National Information and Communication Technology (ICT) Policy

- A detailed strategic framework to **improve access to quality healthcare** services through the use of ICT and other modern technologies.
- Increased investment in ICT-based healthcare systems (e-Health/m-health), including comprehensive **telemedicine** programme, to increase the **access to modern health care services**
- A **collaborative approach** in promoting ICT in health involving public, private and civil society actors.
- A legal or regulatory **framework to govern health information** and ensure security measures to safeguard the privacy of patient information.
- Promotion of basic communication services and **Internet access points near health facilities**.



e-Health in Policies, Strategies of Nepal

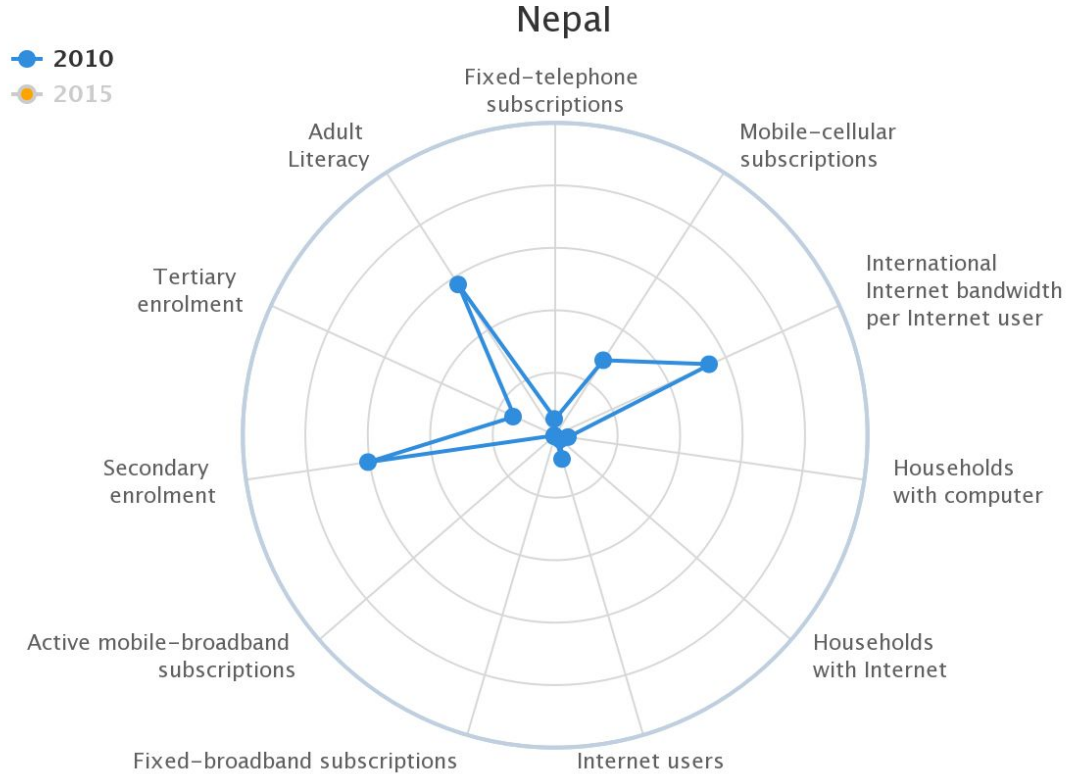
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- Nepal e-governance Interoperability Framework
- Electronic Transaction Act
- Telecommunication Policy

[Download All Policy Documents](#)



Technology Use in Nepal

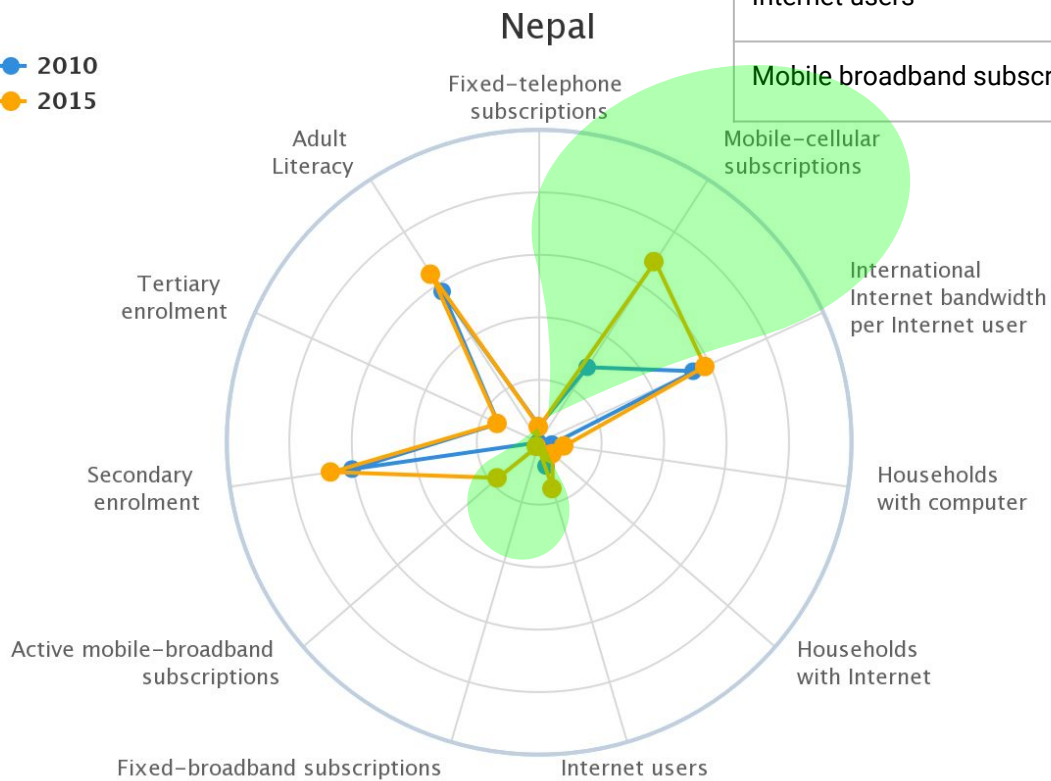


Source: ITU, ICT Development Index



Technology Use in Nepal

— 2010
— 2015

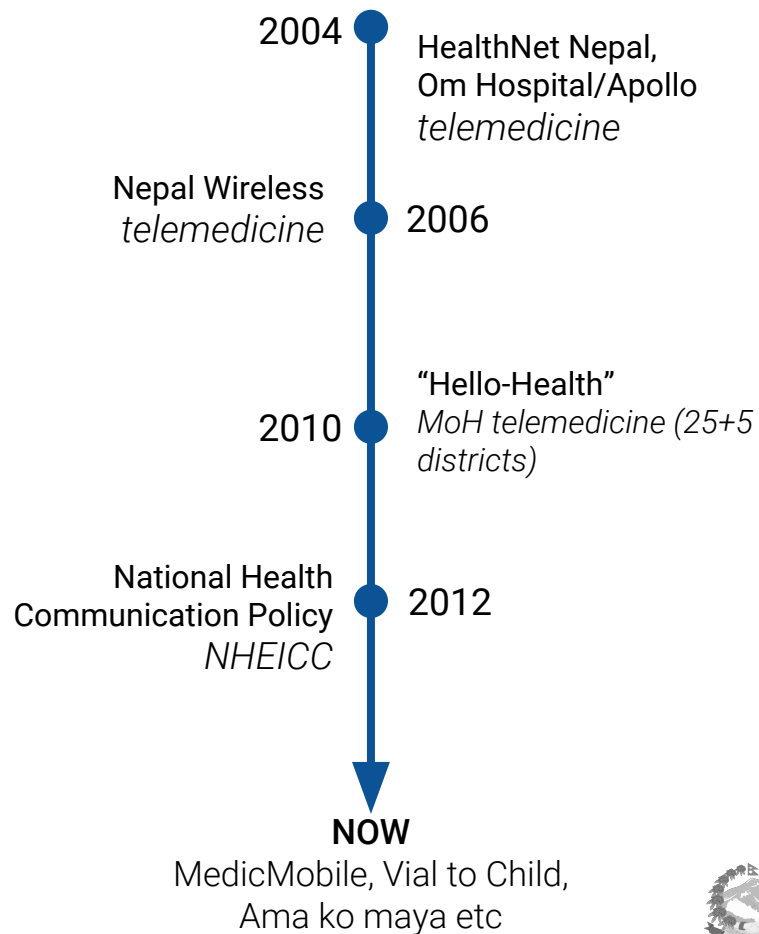
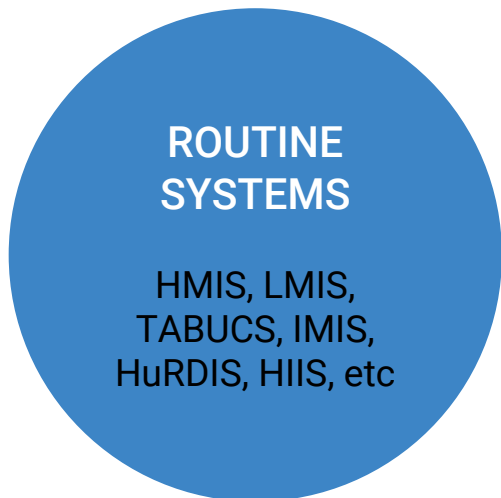


	2010	2015	2016
Mobile subscriptions	29%	69%	96.8%
Internet users	8%	15%	19.7%
Mobile broadband subscriptions	0%	17%	26.4%

Source: ITU, ICT Development Index



e-Health initiatives in Nepal



e-Health Strategy 2017

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VISION

E-Health facilitates the delivery of equitable and high-quality healthcare services to enable all Nepali citizens to enjoy productive and quality lives

MISSION

E-Health solutions strengthen Nepal's health systems by improving the use of information and evidence in planning, managing and supporting public health and clinical interventions



e-Health Strategy 2017

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GUIDING PRINCIPLES

- Respects people's **right to health information**
- Ensures that e-Health approaches and **solutions are centered** around: population at large, health clients, service providers and health workers, and public health managers and decision makers.
- Fosters **collaboration and partnership** with state and non-state actors
- Strives for cost-effective, **standardized**, efficient, **interoperable** and user friendly e-Health solutions and applications



e-Health Strategy 2017

GOAL

The goal of the National e-Health Strategy is to harness the potential of ICT technologies to improve health services, health governance and management



e-Health Strategy 2017

6 OUTCOMES

POPULATION

- Facilitate promotion of healthy life styles, protection from diseases, reducing risk behaviours
- Deliver risk alerts for public health outbreaks and emergencies

HEALTH CLIENTS

- Improved availability and access of general and specialized healthcare services
- Increased compliance, adherence and satisfaction toward health services whilst increasing individual responsibilities for personal health

HEALTH WORKERS

- Improved enabling environment and capacity for the delivery of safe and effective health services

MANAGERS/DECISION MAKERS

- Enhanced access to data and information for effective planning, management, governance and evidence based decision making



Strategic Interventions

REVIEW

- English Version: Page 11-14
- Nepali: Page 13-16



Institutional Arrangements and Prerequisites

- Constitute and institutionalize **National e-Health Steering Committee** and e-Health Task Force to govern the strategy
- Institutionalize the **e-Health Unit** at MoH and staff it with skill-mixed human resources
- Garner required **resources** and technical assistance



Institutional Arrangements and Prerequisites

- Develop Prioritized **e-Health Action Plan** and capture it in subsequent Annual Work Plan and Budget (AWPBs)
- Put in place legal provisions, for example, through Health Information Act, to regulate data use, **data privacy and confidentiality issues**
- Develop the monitoring framework and review the implementation status of National e-Health Strategy using existing review platforms, including during the Mid-term Review (MTR) of NHSS



THANK YOU