Technology and data are integral to daily life. As health systems face increasing demands to deliver new, more, better, and streamlined services affordable to all people, data and technology are essential. With the potential and perils of innovations like artificial intelligence, the future of health care is expected to be technology-embedded and data-linked. This shift involves moving from digitization of health data to digitalization for health and ultimately integrating digital and health as one: **Digital-in-Health.**

### Benefits of Digital-in-Health

**Designed with people at the center,** technology and data are essential to improve equity, efficiency, and effectiveness—**reaching more people** with new and **better services** with **less financial stress.**

<table>
<thead>
<tr>
<th>More people</th>
<th>New, more, better, and seamless services</th>
<th>Less financial stress</th>
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</table>
| • Reach people where they are  
• Get to underserved communities  
• Personalize the services that people want and need  | • Focus on lifestyle and chronic diseases  
• Share data real time  
• Expand access to screenings and medicines  
• Better access to diagnostics | • Mobile technology for health insurance and fund transfers  
• Machine learning for fraud detection at lower cost  
• Avoid duplication and deliver services more efficiently |

### Looking Ahead

Some countries use less than 5% of health data to improve health. To get it right, countries must shift their mindset from digitalizing health data, to infusing digital technology and data into every aspect of health systems management and health service delivery for better patient outcomes.

**Digital-in-Health Means:**

Some examples:

- digital in health financing
- digital in service delivery
- digital in nutrition
- digital in healthy aging
- digital in climate and health
- digital in diagnostics
- digital in pandemic preparedness
- digital in medical education
World Bank’s Commitment to the Digital-in-Health Agenda

Over the past decade, the World Bank has invested almost $4 billion in digital health including in health information systems, digital governance, identification systems and infrastructure. The World Bank will continue to support countries in their digital-in-health transformation, recognizing that every dollar for health systems strengthening, can be an investment in digital and data making health systems work better for everyone.

- **In Tajikistan**, implementing a new health insurance scheme includes expanding health information systems and electronic payment of health insurance claims.
- **In India**, World Bank support enabled over 40% of Anganwadi workers to use digital technology to reduce administrative work and reach more pregnant and lactating women with nutrition services.