

Evidence-Based Action to Achieve Digital Health Transformation

INDONESIA

How the Digital Maturity Index Measures Health Information System Progression.



BACKGROUND

Indonesia's Ministry of Health is advancing the country's digital transformation to optimize its health information system and in turn strengthen its health system comprising over 60,000 health facilities across 17,000 islands.

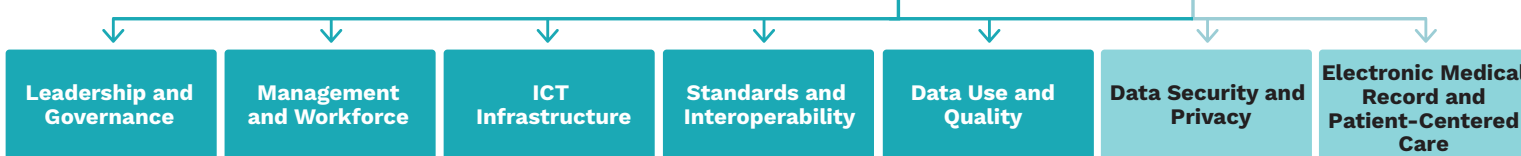
USAID's Country Health Information and Data Use (CHISU) program partnered with the Ministry's Center for Data and Information Technology (PUSDATIN) to establish its **Digital Maturity Index** to assess and inform action plans or interventions that support acceleration of digital transformation at all levels of the health sector.

DMI'S FIVE STAGES OF PROGRESSION TOWARD A STRONG HIS

The DMI measures maturity for national and sub-national health offices—along with health facilities—and incorporates the five domains and stages of progression of CHISU's approach to applying the HIS Stages of Continuous Improvement (SOI) toolkit, with two additional domains added for more precise monitoring in health facilities.



DIGITAL MATURITY MEASURES (HEALTH SYSTEM AND FACILITY)

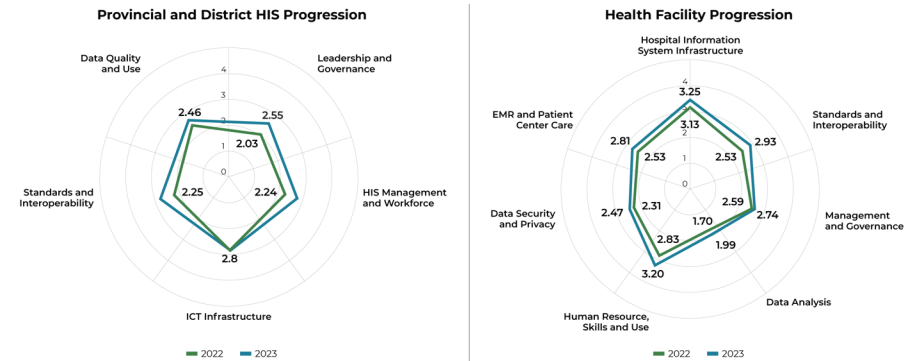


DMI ROUTINE MONITORING COMPONENTS

- Strategic planning and priorities
- Policy and regulatory implementation
- Resource Management
- Stakeholder engagement and collaboration
- Gender considerations

RESULTS

2022 and 2023 DMI Assessments
(151 of 552 provinces and districts and 1,549 of 3,052 hospitals completed DMI assessments)



Digital transformation for the health system is an ongoing process, and its success depends on continuous improvement.

The DMI process helped stakeholders from across provincial and district health offices and health facilities articulate a shared and measurable vision toward digital transformation while DMI action plans prioritized data standardization and interoperability.

Interoperable health systems can reduce the amount of time health workers spend entering data by as much 50%, resulting in more time for patient care and less time on data entry.

