

Informatics Toolset Repository Overview

The Informatics Toolset Repository provides a central place for laboratory professionals and healthcare leaders to find essential informatics resources and tools.

The Informatics Toolset Repository is a library of informatics resources, developed and curated by the Association of Public Health Laboratories (APHL), that includes topics such as infrastructure, workforce capacity, data storage and recovery, laboratory information management systems (LIMS) implementation monitoring, and data quality.



Using the Informatics Repository

The goal is for countries to document their baseline laboratory informatics capacity based on a set of gold standards and thereby identify gaps in their current laboratory information systems.

The Repository allows users to set up a national standard informatics capacity profile, produced from questions available in the repository. The questions can be modified to create a checklist or maturity scale to create a custom capacity assessment tool.

The Repository is built in REDCap and allows users to export the assessments into PDF, CSV and XML formats.

Repository Development and Rollout

This project was supported by the Global Public Health Data Innovation project through the US Centers for Disease Control and Prevention (CDC). APHL solicited bids via a competitive Request for Proposals to create this repository; the selected vendor, Deloitte, developed the repository based on APHL's requirements.

The Informatics Toolset Repository is live and being implemented using a two-phase approach:

1. Functionality of the Repository is limited to enabling countries to create their custom capacity assessment tool with the ability to work offline.
2. Countries can create and use their tool online, save data and view results with the ability to analyze the results offline.

Learn More

For questions or to learn more, please contact Hewan Moges, informatics specialist, Global Health, at hewan.moges@aphl.org.