digital bridge

About

The Digital Bridge is a partnership of health care, health IT and public health organizations, with the goal to advance information exchange between health care and public health. As its first project, the Digital Bridge collaborative has designed a multi-jurisdictional approach to **electronic case reporting** (eCR). eCR is a valuable tool that reduces the burden of public health reporting of infectious diseases, while improving the timeliness, accuracy and completeness of the data. In 2017, the Digital Bridge began coordinating eCR implementation at sites across several different states and cities.

Reduces reporting burden and manual processes

Case reports for infectious disease are typically created through time-intensive written reports, fax or mail. In contrast, the Digital Bridge eCR infrastructure operates in the background using data in a patient's electronic health record. A reportable disease such as chlamydia or Zika is automatically flagged, and a report is sent digitally to public health agencies, alleviating manual reporting by health care professionals. This approach will also lessen the manual work processes for public health and improve routine outbreak management.

Better awareness of emerging threats

Manual case reporting can lead to slow response time and dangerous disease outbreaks. The Digital Bridge eCR approach will improve the turnaround time of case reporting, and empower both clinicians and public health professionals through more collaboration and information sharing during outbreaks.

An approach for all

This approach to eCR is designed to be system agnostic and adoptable by any size of organization and data provider. The Digital Bridge is also examining strategies to sustain eCR infrastructure over time and support additional information sharing opportunities that reduce costs and improve health.

Learn more

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The vision of the Digital Bridge is to improve the health of our nation by enhancing bidirectional information exchange between health care and public health.

Funders

Robert Wood Johnson Foundation

de Beaumont FOUNDATION

Program Management Office

Deloitte.

Public Health Informatics Institute

Participating Organizations

Allscripts

APHL

astho

Cerner

CDC — CENTERS FOR DISEASE CONTROL AND PREVENTION

CSTE — COUNCIL OF STATE AND TERRITORIAL EPIDEMIOLOGISTS

eClinicalWorks

Epic

HealthPartners Park Nicollet

KAISER PERMANENTE

MEDITECH

NACCHO — National Association of County & City Health Officials — The National Connection for Local Public Health

The Office of the National Coordinator for Health Information Technology — Connecting America for Better Health

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