
FHCQ | Social Needs and Health Equity Steering Committee

Storing and Sharing Data Workgroup

July 12th, 2022 | 8:00 – 9:00 a.m.

Virtual

MEMBERS PRESENT

Karie Nicholas, MSc, Washington Association of
Community Health

Dwayne Taylor, One Health Port
Ryan Williams, MBA, Molina Healthcare

STAFF AND MEMBERS OF THE PUBLIC

Nick Locke, MPH, Bree Collaborative
Ginny Weir, MPH, Bree Collaborative
Rick Rubin, One Health Port

WELCOME

Nick Locke, Bree Collaborative, welcomed the group to the second meeting of the Storing and Sharing Data workgroup, an ad-hoc workgroup of the Social Needs and Health Equity Steering Committee. Members briefly introduced themselves and approved minutes.

Action: Approved June 14th minutes

PRESENTATION AND DISCUSSION: ONE HEALTH PORT COMMON CAPABILITIES

Mr. Locke welcomed Dwayne Taylor and Rick Rubin of One Health Port (OHP) to present on OHP's work to develop common capabilities for data architecture. Mr. Taylor shared a summary and diagram of essential capabilities for data systems and discussed each portion.

- Mr. Taylor gave his background in data architecture and security prior to making the move to healthcare data. Data architecture is important, but the content including in data capture needs common capabilities across systems. Mr. Taylor also discussed the pros and cons of collecting social need data through surveys or population level data.
- Mr. Taylor then shared the diagram of important capabilities of a data system. The diagram starts with the pieces that interact with users and flows down to data storage capability.
 - Web Portal/Web App: The top part of the diagram includes the web portal and apps that patients/users interact with when they visit a website. This could include forms that patients fill out on their own time or an accessible electronic health record.
 - Next to the web portal/web app, individual data systems might interact with external/federated systems – any group of data conveners. External/federated systems must be linked via standards-based interoperability. This could include a form of registry.
 - Workgroup members raised the concern of data sovereignty within federated systems. Mr. Taylor explained how a federated system could help groups retain access to their own data or be de-identified in aggregate data.
 - Workgroup members also discussed the role of vendors in the external interoperability space. Often vendors either do not want to follow standards to gain a competitive advantage, or they try to reinvent or overpromise on capabilities.
 - APIs: Any set of tech solutions or patterns for coordinating data. These are often “bought” instead of “built.”

- Common types of APIs include workflow automation, specialized services, analytics, and eventing.
- Data storage: there are many different formats for data storage for many different types of data. It depends on the data and use needs.

Following the presentation, workgroup members asked questions about the model and how to adopt it to our needs around social needs and health equity.

- Is OHP looking into social needs data for the CDR? Eventually, yes. Currently One Health Port is looking to expand into consent management as a first step for facilitating patient social need and sociodemographic data collection.
- Are there currently interoperability standards with social need screening tools? This is the direction healthcare is going, but there are currently issues with HIPAA, other privacy laws, and dealing with multiple competitive vendors. Our workgroup's role is to consider what needs to be done together, and what can be done competitively.
- How can we achieve common identifiers across agencies, i.e. health care and social services? One common workaround is using common identifiers from Medicaid. It will also be important to build trust to build better consent management and therefore more willingness to share data.

PUBLIC COMMENT AND GOOD OF THE ORDER

Once everyone had finished asking questions, Mr. Locke adjourned the meeting. The workgroup will continue to consider how to take the capability model and recommend standards for each "bucket" of capabilities, as well as decide how much to recommend external/federated sharing standards. The workgroup will plan on meeting every second Tuesday, with the next meeting to be held on Tuesday, August 9th from 8:00 – 9:00 AM.