



DMI Consortium Meeting: Executive Summary February 7, 2024

Purpose

The purpose of this session was to seek individual perspectives and experiences, not group consensus advice, to inform planning, engagement, and strategies in the identification and development of sustainable and efficient solutions for interoperable and streamlined data flows, shared solutions, and health data analysis for public health purposes.

This meeting was convened as a group of multisector public health partners (government, public health, industry) to increase dialogue, prioritize goals, and vet real life solutions to achieve a desired future state public health data ecosystem that provides timely, secure, adaptable access and transfer of data and information to effectively drive public health action.

Future State: Advancing Data for Action

Presenter(s): Jen Layden, Samira Selod, Lizzie Manning, Jennifer Adjemian, Heather Strosnider

Addressing the Longstanding Pain Points Across Public Health “Ecosystem”

Siloed systems across public health and within CDC or jurisdiction



Conduct end-to-end design to transform case data solutions to meet the needs of public health practitioners

Disconnect between health care and public health



Connect public health to the Health IT ecosystem

Manual processes, outdated technology, and lagging skills



Build capabilities to increase productivity across Public Health ecosystem

Data Elemental to Health: <https://www.cste.org/page/DM-2021>

Accessibility caption: Screenshot of slide titled "Addressing the Longstanding Pain Points Across Public Health 'Ecosystem'." Three pain points and solutions identified include the following: 1) Siloed systems across public health and within CDC or jurisdiction; Conduct end-to-end design to transform case data solutions to meet the needs of public health practitioners, 2) Disconnect between health care and public health; Connect public health to the Health IT ecosystem, 3) Manual processes, outdated technology, and lagging skills; Build capabilities to increase productivity across Public Health ecosystem.

Leaders from CDC's Office of Public Health Data, Surveillance, and Technology (OPHDST) hosted a discussion with DMI Consortium Members on the future of CDC's DMI and Public Health Data Strategy (PHDS) activities. Leaders asked for feedback from partners and collected early input on framing and messaging of activity plans. To address longstanding pain points across the public health ecosystem, OPHDST aims to 1) conduct end-to-end design, transforming case data solutions to meet the needs of public health practitioners, 2) connect public health to the Health IT ecosystem and 3) build capabilities to increase productivity across the public health ecosystem. Speakers reviewed milestones and noted how Case Service Design and Human-Centered Design would bring together perspectives to create flexible data exchange solutions.

For questions regarding the CDC DMI Consortium, please contact DMIconsortium@cdc.gov.