DMI Consortium Meeting: Executive Summary July 26, 2023

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.

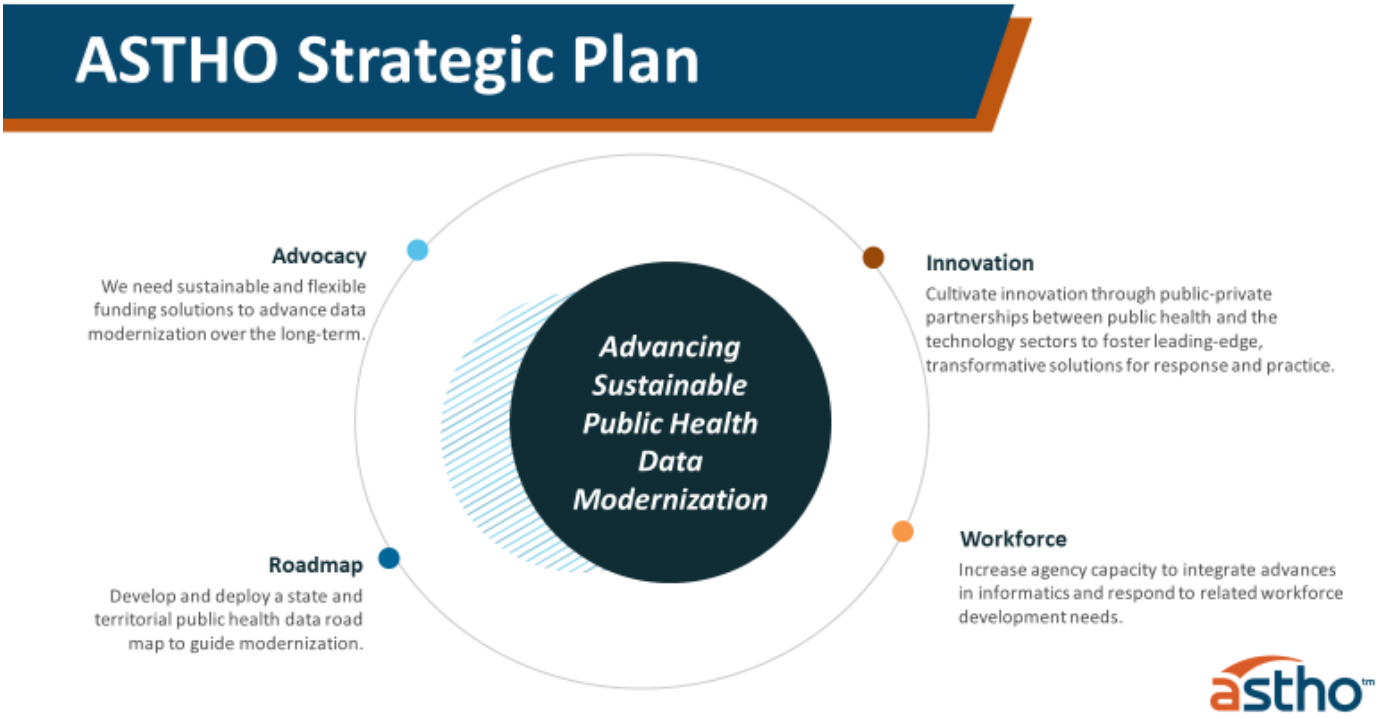
This meeting was convened as a group of multisector public health partners (government, public health, industry) to increase dialogue, prioritize goals, and vet real life solutions to achieve a desired future state public health data ecosystem that provides timely, secure, adaptable access and transfer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

Artificial Intelligence at CDC

Presenter(s): Jorge Calzada

CDC's Office of Public Health Data, Surveillance, and Technology (OPHDST) Platforms Division (proposed) Acting Director, Jorge Calzada, hosted a discussion amongst Consortium members on artificial intelligence in public health. The group discussed early use cases, including data ingestion, cleaning and transfer, while emphasizing increasing interoperability and reducing manual data burden on local public health workers. Addressing AI infrastructure fundamentals, building strong foundations for capabilities and making data pipelines more resilient while navigating policy and procurement barriers are essential to successfully implementing artificial intelligence in the public health ecosystem.

ASTHO and the Data Modernization Initiative
Presenter(s): JT Lane



Accessibility caption: Slide titled "ASTHO Strategic Plan". Large circle in middle with text reading "Advancing Sustainable Public Health Data Modernization". Orbit around center circle includes four smaller circles, reading the following:
1) Advocacy: We need sustainable and flexible funding solutions to advance data modernization over the long-term.
2) Innovation: Cultivate innovation through public-private partnerships between public health and the technology sectors to foster leading-edge, transformative solutions for response and practice.
3) Workforce: Increase agency capacity to integrate advances in informatics and respond to related workforce development needs.
4) Roadmap: Develop and employ a state and territorial public health data road map to guide modernization.

ASTHO's DMI Team presented an overview of ASTHO's Strategic Plan, Policy Statements and Public Health Data Modernization Project Portfolio. Of the five Strategic Plan priorities, the Advancing Sustainable Public Health Data Modernization priority includes four components: advocacy, innovation, workforce, and roadmap. To accomplish these, ASTHO's DMI Team has engaged partners across the country with the aim of providing flexible funding mechanisms, increasing informatics and advanced analytics capacity, modernizing core public health data systems, strengthening and modernizing public health governance structures, and supporting adoption of tools and systems that facilitate public health access to data resources. Projects within the Portfolio include Advancing State and Local Data Sharing, COVID-19 Immunization Data Exchange, Advancement, and Sharing (IDEAS) and reactive and proactive technical assistance within the Public Health Infrastructure Grant (PHIG). For more details on ASTHO's Strategic Plan, individuals are encouraged to visit https://www.astho.org/globalassets/pdf/astho-strategic-plan.pdf.

CSTE's DMI Stories from the Field
Presenter(s): Megan Tompkins

CSTE's DMI Implementation Lead previewed "Stories from the Field," a collation of experiences from applied state, tribal, local and territorial staff. Written and video content are currently in production, highlighting progress in achieving near real-time data access, state-of-the-art visualizations, timelier data transfer, improvements in data quality and completeness, and standardized tools for public health decision makers. The full collection will be available for public viewing by late Fall 2023.

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