



DDPHSS-DMI Consortium Meeting: Executive Summary January 11, 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 PH data ecosystem that provides timely, secure, adaptable access and transfer of data and information to effectively drive public health action.

Update on Core Data Sources

Presenter(s): Aaron Harris



Next Steps – Implementation

CDC (DHIS, CSELS, DDPHSS), in collaboration with CDC programs and STLT partners, will:



Finalize 12-month workplan



Build on previous work

- Continue collaboration with CSTE workgroup on case data standardization
- Finalize plans for “the pause”



Align development

Identify a pathway to align with North Star Architecture and current building block pilots (Data Exchange BB)

Building on previous discussions from Core Data Sources, CDC detailed process for developing a workplan for improving case surveillance, including working sessions and RACI and Gantt charts. Speakers dove into the first three recommendations identified by working sessions (1) Onboard all jurisdictions to enable submission of a generic, core data feed that can be used for national disease notification, 2) Develop agile, flexible solutions incorporating common data standards for supplemental case data, and 3) Pause most disease-specific (supplemental) MMG development and onboarding) and outlined the status and planned activities for each recommendation. CDC indicated they are working to finalize a 12-month workplan and will continue collaborating with workgroups to standardize case data elements and align their progress with the North Star Architecture.

Communicating Data Modernization to STLTs

Presenter(s): Paula Braun, Lilly Kan, Mary Beth Kurilo



Ways to Get Involved

- Further develop and vet the city planning metaphor and inform the development of supplemental messaging to support it.
- Recommend specific partners for the joint team to engage in this process.

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Representatives from CDC and partner organizations provided Consortium Members with a city planning metaphor to better understand the different modernization pieces (USDCI/USDCI+, FHIR, Certification, TEFCA, and North Star Architecture) and how they fit together. Focusing on how overarching analogies or metaphors can help communicate how the “parts” of DMI relate to the “whole” and how the “whole” is greater than the sum of the “parts,” speakers described each piece, how it applies to STLTs, and how STLTs and other partners can use and benefit from it. Speakers revealed plans to workshop this communication strategy in the coming weeks and encouraged attendees to reach out to participate.

STLT Guidance Preview

Presenter(s): Mike Judd

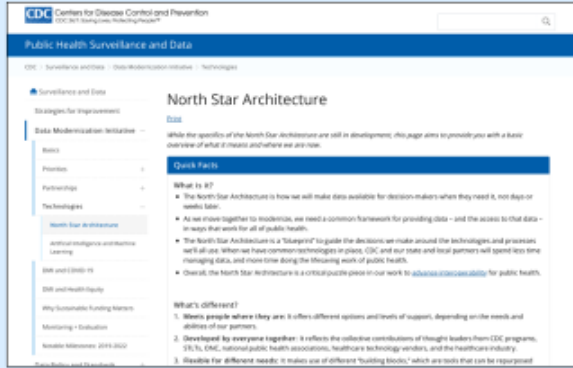
North Star Architecture: Recap and new website

- A core component of how **DMI will achieve its mission**
- Describes **CDC's data and technology strategy** for how it will support the public health community to achieve critical data-driven public health outcomes
- Designed to meet our partners where they are, with the goal of **making it easy to integrate North Star Architecture offerings into existing systems and environments** and provide varying levels of support

Some goals include:

- **Reduce the burden of data exchange** on healthcare and public health authorities at all levels of government
- **Ensure response-readiness** via faster access to critical data feeds, analytics-ready datasets, and flexible systems to support rapidly changing needs
- Ensure partners have **more time to focus on public health action** by spending less time and resources on managing the data lifecycle

Our [external website](#) is live!



Please provide feedback to dmi@cdc.gov

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The DDPHSS DMI Team provided a detailed overview of CDC's North Star Architecture, including the goals, progress, and offerings to STLTs. Offerings currently in production (ReportStream), in piloting and development (Data Exchange Services, Modernized NBS), and in exploration and prototyping (Starter Kit Pipeline, Shared Analytics Platform, Public Health Digital Marketplace) were identified and reviewed. Speakers illustrated a current and future-state STLT user journey to reiterate the opportunities for addressing STLT pain points through the North Star Architecture. Members were provided a preview of STLT Guidance to accelerate response-readiness and prepare to leverage CDC's North Star Architecture offerings and were encouraged to provide feedback via the consortium and building blocks emails.

Outreach and Engagement Updates

Presenter(s): Agnes Warner

CDC
ONC
Industry Day(s)

TEFCA

Jan 12 Industry Webinar

Goal: Preview the CDC-ONC Industry Day event and invite businesses and other non-governmental partners to propose presentations for that event.

Jan 12 TEFCA Webinar

Goal: Communication the significance of TEFCA and the public health exchange purpose, the value TEFCA will bring to the public health community, and how those interested can get involved.

Link to register in chat

Feb 27, 28 Industry Day(s)

Goal: Inform non-government organizations about CDC and ONC's plans for modernizing public health data and information systems to get better, faster, actionable insights for decision-making at all levels of public health. Potential industry partners in this effort are encouraged to attend.

Leads from the DDPHSS DMI Partnerships Team reviewed the upcoming webinars and engagement opportunities, including the Industry Webinar, TEFCA Webinar, and Hybrid Industry Day.

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