

DDPHSS-DMI Consortium Meeting: Executive Summary July 13, 2022

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.

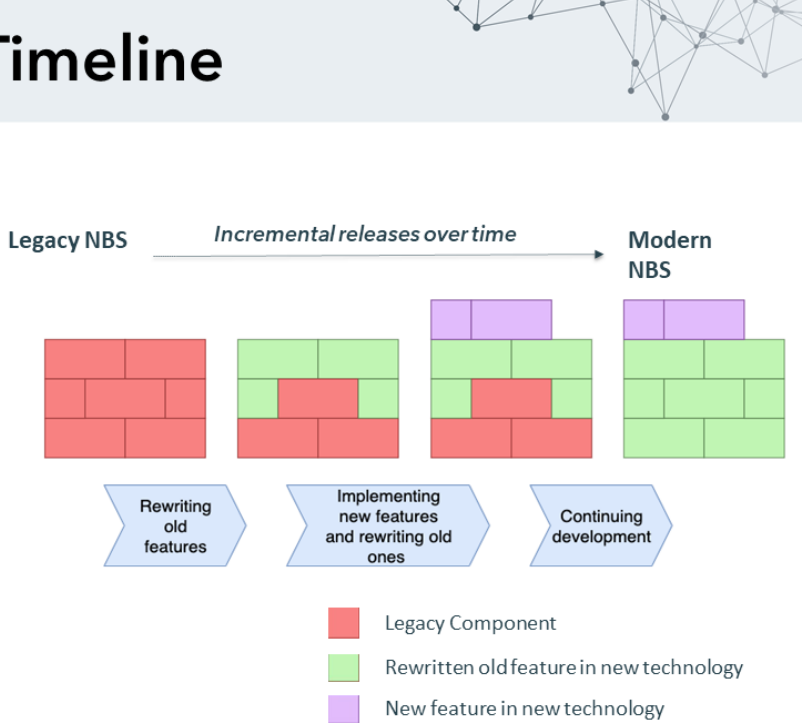
This meeting was convened as a group of multisector public health partners (government, public health, industry) to increase dialogue, prioritize goals, and vet real life solutions to achieve a desired future state PH data ecosystem that provides timely, secure, adaptable access and transfer of data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

National Electronic Disease Surveillance System Base System (NBS) Modernization

Presenter(s): Emory Meeks

NBS Modernization Timeline

- At least 3 years to transition current system to modernized technology and architecture
- Modernizing NBS incrementally so **jurisdictions can benefit as soon as the first incremental release**



Picture source: <https://blog.fingo.pl/strangler-pattern-how-to-strangle-your-legacy-system/>

CDC presented on NBS Modernization process, including NBS background, modernization goals, and future roadmap. CDC prioritizes modernizing the data system and meeting users' needs, with an ideal future state of a timely, accurate data surveillance system for local, state, and territorial public

health departments to manage their reportable disease data and send case notifications to CDC. There will be incremental, agile releases to transition from legacy NBS to modern NBS, in order to overhaul pieces at a time while still incorporating modern, timely enhancements. Participants are interested in understanding the impact to the current NBS, what new technology upgrades will be included, and what degree of customization will be supported.

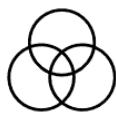
CDC Strategy to Overcome Silos

Presenter(s): Heather Strosnider

A team of teams to foster cross-silo collaboration



Choose behaviors that establish trust and foster collaboration



Share context and information to empower teams to act



Provide mechanism to identify, explore, discuss, and DECIDE



Be flexible so we can continue to work in an iterative fashion and refine approaches along the way

CDC also presented on their strategy to overcome silos, including leveraging the team of teams concept to strategize and execute across the entire enterprise. This avoids decision-making within organizational silos, which may result in redundant work and siloed systems at various levels of scalability and adaptability. While modernization of data systems has happened in the past, CDC now has more resources that align with the urgency, expectations, and guidelines to unify the effort and optimize across the ecosystem. CDC is currently working on identifying a handful of internal systems to run through an Accelerated Modernization Pilot process, which will help to prioritize internal DMI activities.

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