



DDPHSS-DMI Consortium Meeting: Executive Summary September 7, 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.

Laboratory Data Exchange (LDX) Strategy

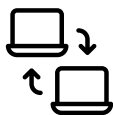
Presenter(s): Bob Pinner and Megan Light

LDX Strategy – Key Points

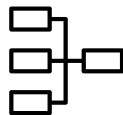
Electronic Laboratory Reporting and Electronic Test Ordering and Reporting

Data & Infrastructure	Technical Assistance(TA)	Policy & Guidance	Partnerships	Governance
<ul style="list-style-type: none"> Support intermediaries to reduce point -to-point connections. Reduce burden on reporting partners by establishing a single ingestion point at CDC. 	<ul style="list-style-type: none"> Provide TA for LDX activities. Enhance TA to support test manufacturers and healthcare organizations, where appropriate. 	<ul style="list-style-type: none"> Pursue policies for pandemic ready data flows that support direct and rapid data access when appropriate. Data Exchange Governance group makes recommendations to agency leaders. 	<ul style="list-style-type: none"> Establish a forum of public private partners to explore options to increase adoption of standards. At CDC, engage Advisory Committee to the Director (ACD) in LDX strategy. 	<ul style="list-style-type: none"> At CDC, form an internal laboratory data exchange subcommittee under agency governance.

The Future of Laboratory Data Exchange



**Establish
Enterprise data
exchange for CDC**



**Improve capacity
for data flow
directly to CDC**



**Expand the use of
intermediaries**



**Modernize PHL
Test Order and
Results**



**Enhance CDC's
test order and
reporting**

Guests from CDC's Laboratory Data Exchange (LDX) Group spoke regarding Laboratory Data Exchange Strategy. Speakers provided an overview of LDX's history and noted the rapid progress made following the COVID-19 pandemic onset. As advancements continue, LDX's overall strategy comprises five pillars: 1) data and infrastructure, 2) technical assistance, 3) policy and guidance, 4) partnerships, and 5) governance. The LDX group presented on the future of laboratory data exchange, including achievements made thus far and the emphasis on long-term usage of intermediaries in driving pipelines for both routine and emergency-setting data exchange to and from CDC. Meeting attendees had an opportunity to ask questions and discuss the unique positioning of Public Health Laboratories in setting the stage for industry in data exchange mechanisms and interoperability approaches.

CDC Moving Forward

Presenter(s): Dan Jernigan

DDPHSS-DMI Leadership provided details on the goals and vision of CDC Moving Forward, including the initiative's Support Functions and Core Capabilities. The Agency recognizes there is a need to change both the technology and culture of CDC to better prioritize public health action and ensure CDC's data and guidance reach the public in an easily accessible, timely manner. Information regarding the initiative is posted online at www.cdc.gov/about/organization/cdc-moving-forward.html. Given the upcoming establishment of councils and shared services, feedback is welcome to best shape the transformation experience for partners and other public health agencies.

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