



Public Health Data Systems Task Force 2021 Kickoff

Janet Hamilton, Co-Chair

Carolyn Petersen, Co-Chair

May 6, 2021

Health Information Technology Advisory Committee

The Office of the National Coordinator for Health Information Technology



Meeting Agenda

- Opening Remarks
- Introductions
- Overarching Charge and Specific Charge
- Executive Order Background and Key Definitions
- Meeting Schedule by Topic
- HITAC Public Health Data Systems Hearing Overview – May 13
- Discussion/Next Steps
- Public Comment
- Final Remarks
- Adjourn

Public Health Data Systems Task Force 2021 Roster

Name	Organization
Janet Hamilton (Co-Chair)	Council of State and Territorial Epidemiologists
Carolyn Petersen (Co-Chair)	Individual
Danielle Brooks	AmeriHealth Caritas
Denise Chrysler	Network for Public Health Law
Jim Daniel	Amazon Web Services
Steve Eichner	Texas Department of State Health Services
Ngozi Ezike	Illinois Department of Public Health
Claudia Grossmann	Patient-Centered Outcomes Research Institute
Steve Hinrichs	Individual
Jim Jirjis	HCA Healthcare
John Kansky	Indiana Health Information Exchange
Bryant Karras	Washington State Department of Health
Steven Lane	Sutter Health

Name	Organization
Nell Lapres	Epic
Leslie Lenert	Medical University of South Carolina
Denise Love	National Committee on Vital and Health Statistics
Arien Malec	Change Healthcare
Clem McDonald	National Library of Medicine
Aaron Miri	The University of Texas at Austin, Dell Medical School and UT Health Austin
Larry Mole	Veterans Health Administration
Abby Sears	OCHIN
Sheryl Turney	Anthem, Inc.



Health IT Advisory Committee (HITAC) Public Health Data Systems (PHDS) Task Force 2021

Charge – This Task Force will inform HHS’s response to President Biden’s Executive Order on Ensuring a Data-Driven Response to COVID-19 and Future High-Consequence Public Health Threats.

The PHDS Task Force shall:

1. Identify and prioritize policy and technical gaps associated with the effectiveness, interoperability, and connectivity of information systems relevant to public health. This would include a focus on surveillance systems, infrastructure improvements, health equity, clinical engagement, research and innovation, educating and empowering individuals.
2. Identify characteristics of an optimal future state for information systems relevant to public health and their use.



Executive Order Background and Data Definitions

Executive Order on Ensuring a Data-Driven Response to COVID-19 and Future High-Consequence Public Health Threats

Sec. 3. Public Health Data Systems. The Secretary of HHS, in consultation with the COVID-19 Response Coordinator and the heads of relevant agencies, shall promptly:

- (a) review the effectiveness, interoperability, and connectivity of public health data systems supporting the detection of and response to high-consequence public health threats, such as the COVID-19 pandemic;
- (b) review the collection of morbidity and mortality data by State, local, Tribal, and territorial governments during high-consequence public health threats, such as the COVID-19 pandemic; and
- (c) issue a report summarizing the findings of the reviews detailed in subsections (a) and (b) of this section and any recommendations for addressing areas for improvement identified in the reviews.

Key Definitions

High-Consequence Public Health Threat:

A public health threat that requires rapid multi-sector and cross-jurisdictional coordination and response. A high-consequence public health threat can lead to severe illness, death, and substantial economic and societal impact, including pandemics, natural disasters, extreme weather, and chemical, biological, radiological, or nuclear threats.

Key Definitions

- ***Effectiveness, interoperability, and connectivity***

Connectivity: Basic transport

- Ability to send or receive electronic information, regardless of format, content, coding

Interoperability: Usability of data and patterns of exchange

- Ability to automate use of data for public health purposes
- Ability to support unidirectional and bidirectional exchange

Effectiveness: Adoption of systems to meaningfully achieve public health goals

- Integration into actionable workflows
- Measures of public health effectiveness
- Measures of public health outcomes

Key Definitions

Public health data systems

- Information technology system (or systems) to collect, analyze, and disseminate health related data to monitor, assess, and improve the health of populations
 - **Traditional systems:** Surveillance systems, Reportable conditions (lab-reporting, case-reporting), Vital Statistics, Registries (immunization, condition-specific)
 - **Expanded view of public health data systems:** Electronic Health Records (EHRs), clinical interoperability networks, claims, non-government registries, PHM systems, Social Determinants of Health (SDOH) networks, patient-controlled apps, patient-controlled services (e.g., ROI services), resource availability (Personal Protective Equipment (PPE), ventilators, bed capacity), Admission Discharge Transfer (ADT) feeds, wearables, geolocation services
 - **Non-traditional systems:** Wastewater, web search queries/social media posts

PHDS Task Force 2021 Meeting Schedule

Meeting Dates	Discussion Topics
May 6, 2021	Kickoff/Introductions
<i>May 13, 2021*</i>	<i>HITAC Public Health Hearing</i>
May 14, 2021	Public Health Surveillance Discussion
May 20, 2021	Public Health Surveillance Discussion (continued)
May 27, 2021	Public Health Infrastructure Improvements Discussion
June 3, 2021	Public Health Infrastructure Improvements Discussion (continued)
June 10, 2021	Research/Innovation Discussion
June 17, 2021	Research/Innovation (continued)
June 24, 2021	Engaging and Empowering Individuals and Providers/Clinicians
July 1, 2021	Catch up/Recommendations Prep

PHDS Task Force 2021 Meeting Schedule

Meeting Dates	Discussion Topics
July 8, 2021	Finalize Recommendations
<i>July 14, 2021</i>	<i>Recommendations Presented to HITAC</i>



HITAC Public Health Hearing Overview – May 13

HITAC Meeting and Hearing Overview

- May 13th – An all day HITAC meeting, with Public Health Data Systems Hearing starting around 10:00 AM ET with various panel discussions



Discussion & Next Steps

Public Comment

To make a comment please call:

Dial: 1-877-407-7192

*(Once connected, press “*1” to speak)*

All public comments will be limited to three minutes.

You may enter a comment in the
“Public Comment” field below this presentation.

Or, email your public comment to onc-hitac@accelsolutionsllc.com.

Written comments will not be read at this time, but they will be delivered to members of the Task Force and made part of the Public Record.

Health Information Technology Advisory Committee

The Office of the National Coordinator for Health Information Technology



Contact ONC

Brett Andriesen brett.andriesen@hhs.gov

Brenda Akinngbe brenda.akinngbe@hhs.gov



Phone: 202-690-7151



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