

National Committee on Vital and Health Statistics (NCVHS)
Subcommittee on Standards
in collaboration with the
Subcommittees on Population Health and
Privacy, Confidentiality and Security

Hearing on Public Health Data Standards

National Center for Health Statistics
3311 Toledo Road, Hyattsville, MD 20782

Tuesday, November 12, 2013

Program Agenda

8:30–8:45 am	Welcome and Introductions	Standards Subcommittee Co-Chairs Walter Suarez, Ob Soonthornsima
8:45–9:00 am	Public Health Data Standards Landscape	Michelle Williamson, NCHS
9:00–10:30 am (90 minutes)	Panel 1 – National/Federal PH Perspective	
	<ul style="list-style-type: none"> ■ PH Data Stds: Federal Laws and Regs ■ PH Standards Organizations ■ PH Standards Organizations ■ State Organizations ■ Cross-Industry Organization ■ Public Health Informatics 	CDC (Nikolay Lipskiy) JPHIT (Marcus Cheatham) <i>via phone</i> PHDSC (Anna Orlova) NAHDO (Denise Love) PHII (Dave Ross) <i>via phone</i> AMIA (John Loonsk)
10:30 –10:45 am	Break	
10:45–12:00 pm (75 minutes)	Panel 2 – State/Local Public Health Perspective	
	<ul style="list-style-type: none"> ■ State/Territorial PH Perspective ■ City /County PH Perspective ■ PH Laboratory ■ PH Immunization ■ PH Vital Records ■ Biosurveillance 	ASTHO (Paula Soper) NACCHO (Roland Gamache) APHL (Wesley Kennemore) AIRA (Rebecca Coyle) NAPHSIS (Larry Nielsen) CSTE (Janet Hamilton)
12:00–1:00 pm	LUNCH	
1:00 – 2:30 pm (90 minutes)	Panel 3 – PH Data Standards Developers	
	<ul style="list-style-type: none"> ■ HL7 Public Health Emerg Resp (PHER) WG ■ X12 HCSDRG and PACDR 	HL7 PHER (Ken Pool) X12 (Robert Davis)

- IHE Quality, Research, PH Comm (QRPH) IHE QRPH (Didi Davis)
- CDC PHIN VADS CDC (Sundak Ganesan)
- BioSense: Implementation of Data Stds CDC (Nikolay Lipskiy)
- ONC S&I Framework ONC (Jim Daniel)
- Internat’l Society for Disease Surveillance ISDS (Charlie Ishikawa)

2:30 – 3:30 pm **Panel 4 – Software and Application Vendors and Public Health Data Standards**
(60 minutes)

- EHR Vendor EPIC (John Stamm)
- PH Information Systems OZ Systems (Ken Pool)
- Interoperability and Exchange Care Evolution (Vik Kheterpal)
- Vital Records System Vendor Genesis (Rich Huber)

3:30 – 3:45 pm **Break**

3:45–5:00 pm **Panel 5 – State Initiatives and Readiness for Standards Implementations**
(75 minutes)

- Tennessee DOH John Roberts
- Minnesota DOH Marty LaVenture *via phone*
- Indianapolis (Marion County Hlth Dept) Joe Gibson
- Maryland HIE (CRISP) Scott Afzal

5:00–5:20 pm **Subcommittee Discussion**
(20 minutes)

- Themes
- Next Steps

(Note: to be continued during Subcommittee Breakout Sessions Nov 13-14)

5:20–5:30 pm **Public Comments**

Purpose:

The purpose of this hearing is to gather industry input on the state of health data standards used by public health and population health programs.

The scope of this hearing includes standards used for electronic exchange of information between public health and external stakeholders. This includes standards for data coding, document-type standards, message content, structure and format standards, transport, vocabulary and terminology, and data management standards across various public health functions and activities including but not limited to vital statistics, bio-surveillance, syndromic surveillance, screening, immunizations, public health laboratory, environmental health, and public health/population health analytics. Coding and classification systems for certain core public health data elements will be included.

The hearing will start with an overview of where and how health data standards are used across public health functions, and the current status of public health data standards. A series of panels will follow with testifiers representing public health data standards organizations, public health agencies, standards developers, and software/application vendors. Important work has been done in standard

development organizations to advance the development of public health standards. These developments will be highlighted in the hearing.

The Subcommittees on Population Health and Privacy, Confidentiality and Security will explore the need for convening a second hearing to focus on important considerations for standardized definitions of public health variables, privacy and security, population management, and community health data. This second hearing could build from the recent work performed by the Standards Subcommittee on health information standardization and the Population Health Subcommittee on community health data initiatives.

QUESTIONS FOR PANELISTS

Topics to include:

- Current state of public health related standards; coordination of standards development activities; representation and participation by public health in standards activities; where is public health strongest and where is weakest?
- What are the incentives and drivers for adopting and using public health data standards; what are the barriers and challenges?
- What is the state of information exchanges of public health data from EHR systems; what are the standards being used; what are the drivers, and incentives; what are the challenges and issues?
- What are implementation challenges from the public health agency perspective; what are the needs (technical, resources, education, etc.) to advance adoption and use of standards by public health agencies?
- How is privacy and security covered in public health data standards? Are there privacy and security elements embedded in the standards? Is privacy and security under a different workflow process?
- What security standards should apply to what types of data possessed by public health?
- What interoperability standards are needed for transfer of data from electronic health records to public health?