

READY, SET, LET'S GO TO VR STANDARDS



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NAPHSIS
Protecting Personal Identity
Promoting Public Health

VITAL STATISTICS: BUILDING BRIDGES TOGETHER

NAPHSIS ANNUAL MEETING | PITTSBURGH | MAY 31-JUNE 3, 2015

eVital Standards Initiative

“To provide support for the development of Vital Records (VR) standards to enable interoperable electronic data exchanges among electronic health record systems, U.S. vital records systems and potentially other public health information systems for birth, death and fetal death events.”

Electronic Health Record and Vital Record Systems Information Exchange

Capturing birth and death data in electronic health record systems



Improving the timeliness, accuracy, and completeness of vital records data

Electronic exchange using HL7 and IHE-based standards



Published eVital Standards for Trial Implementation

For Birth/Fetal Death and Death Reporting



- Messaging Standards (HL7 V2.5.1) DSTU
- Document Standards (HL7 CDA) DSTU
- Content Profiles (IHE)
- Data Models (HL7)
- Functional Profiles (HL7)

http://www.cdc.gov/nchs/nvss/about_nvss.htm#evital_update

Published eVital Standards for Trial Implementation

Vocabulary Standards

<https://phinvads.cdc.gov/vads/SearchVocab.action>

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



death

Search All Vocabulary

Views (Msg. Guides) (6)

Value Sets (26)

Value Set Concepts (553)

Code Systems (2)

Code System Concepts (719)

6 Views found



1

View Name	Version #	
<input type="checkbox"/> IHE QRPH Birth & Fetal Death Reporting - Enhanced (BFDR-E)	3	Details
<input type="checkbox"/> IHE Vital Records Death Reporting (VRDR)	1	Details
<input type="checkbox"/> HL7 Version 2.5.1 Implementation Guide: Birth & Fetal Death Reporting, R1 DSTU	2	Details
<input type="checkbox"/> HL7 Implementation Guide for CDA Release 2: Birth & Fetal Death Report, DSTU R1	2	Details
<input type="checkbox"/> HL7 Implementation Guide for CDA Release 2: Vital Records Death Report, DSTU R1	1	Details
<input type="checkbox"/> HL7 Version 2.5.1 Implementation Guide: Vital Records Death Reporting, DSTU R1	1	Details

Testing, Testing, Testing!

- Great to have available standards; however, standards can't effectively move from draft standards to final versions without trial and pilot implementation activities
- NCHS continues to support trial implementation testing at Integrating the Healthcare Enterprise (IHE) Connectathons



Supporting for Pilot Implementation Activities



Seeking funding opportunities to support pilot implementation activities

Support for Pilot Implementation Activities

Request for Task Order Proposal	Patient-Centered Outcomes Research Institute (PCORI) Project		
	Death reporting using VR standards	Return of coded cause of death (COD) from NCHS to state VR using standards	Appropriate state dissemination of coded COD to support

Support for Pilot Implementation Activities

**Request
for
Task
Order
Proposal**

Developing a Quality Framework for Initial and Ongoing Evaluation of Birth Data Extracted from Electronic Health Records (EHRs) for Vital Statistics

Evaluate the quality of selected birth data extracted from EHR

Compare 2 jurisdictions and retrospective sample of births

Expanding Standards to Support NCHS and State Specific Implementations

- Published standards include requirements for EHR to VR systems birth/FD and death reporting for:
 - FACILITY WORKSHEET FOR THE LIVE BIRTH CERTIFICATE**
 - FACILITY WORKSHEET FOR THE REPORT OF FETAL DEATH**
- Expanding standard specifications to support
 - Reporting to NCHS
 - State specific requirements
 - » Expansion beginning with state pilot testers

Standards Harmonization

- Collaborating with Standards Development Organizations, state partners and other stakeholders to support interoperability for common data requirements
 - HL7 Birth Defects Implementation Guide
 - IHE Early Hearing Detection and Intervention Profile
 - IHE Healthy Weight Profile

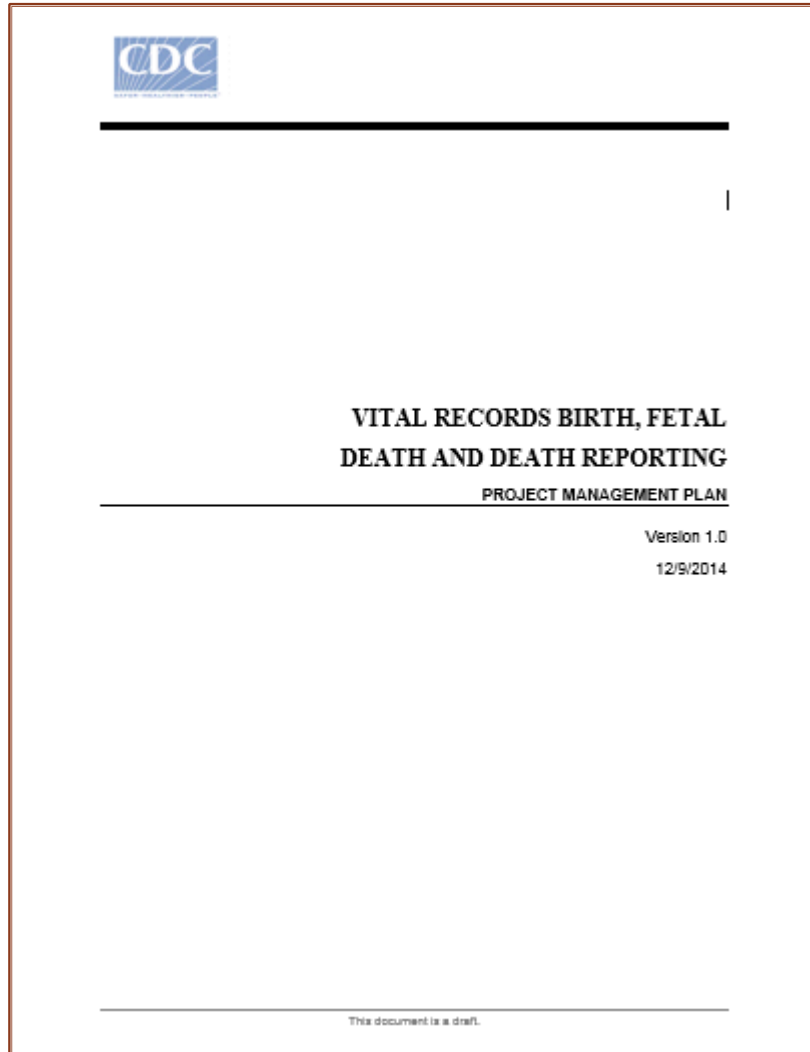


Outreach for eVitals Initiative



- Facilitating outreach to providers and state partners to explore the potential for additional VR pilot implementation activities
- Improving NCHS Website Content to provide information about eVitals initiative
- Developing material for dissemination by broad group of stakeholders: providers, states, vendors, etc.

Project Management Plan

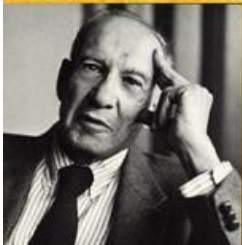


- Developed draft template for a project plan for implementing the VR standards
- Collaboration with VR state agency, EHR vendor and NCHS

Increasing Engagement in VR Standards Implementation Activities



**UNLESS
COMMITMENT IS
MADE, THERE ARE
ONLY PROMISES AND
HOPES... BUT NO
PLANS.**



QUOTEHD.COM

Peter Drucker
Austrian-American Author

1909 - 2005



Thank You

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