READY, SET, LET’S GO TO VR STANDARDS

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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

Electronic exchange using HL7 and IHE-based standards

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

<table>
<thead>
<tr>
<th>Request for Task Order Proposal</th>
<th>Patient-Centered Outcomes Research Institute (PCORI) Project</th>
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<tbody>
<tr>
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<td>Death reporting using VR standards</td>
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<td>Return of coded cause of death (COD) from NCHS to state VR using standards</td>
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<td>Appropriate state dissemination of coded COD to support</td>
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### Support for Pilot Implementation Activities

<table>
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<tr>
<th>Request for Task Order Proposal</th>
<th>Developing a Quality Framework for Initial and Ongoing Evaluation of Birth Data Extracted from Electronic Health Records (EHRs) for Vital Statistics</th>
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<tr>
<td>Evaluate the quality of selected birth data extracted from EHR</td>
<td>Compare 2 jurisdictions and retrospective sample of births</td>
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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.

Peter Drucker
Austrian-American Author
1909 - 2005

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Thank You

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