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JOHNS HOPKINS
UNIVERSITY

# Section C

## HIT Standardization Phases and Entities

# HIT Standards Categories

1. Data standards
2. Information content standards
3. Information exchange standards
4. Identifiers standards
5. Privacy and security standards
6. Functional standards and business process standards
7. Other

Note: this classification of health IT standards types has been developed by the Health Information Technology Standards Panel (HITSP, www.hitsp.org) in 2006.

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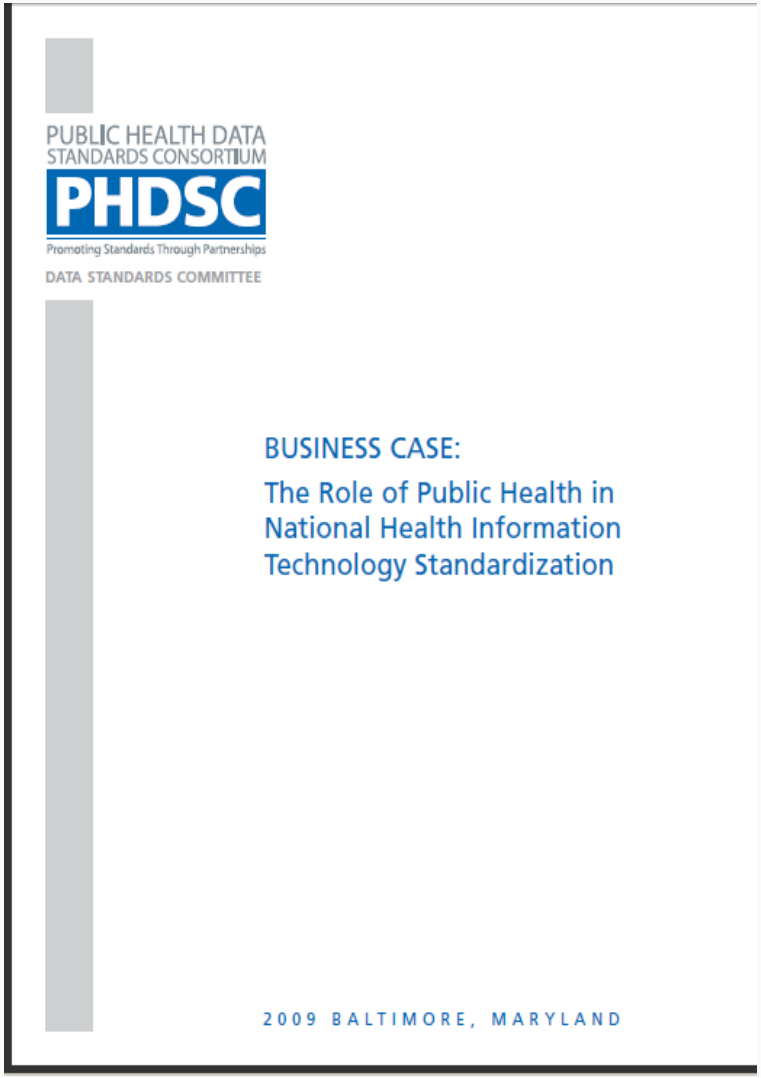
# HIT Standardization Phases

- Priority setting
- Standard development and maintenance
- Standards harmonization and testing
- Standards certification
- Standards adoption

# HIT Standardization Phases and Entities

- Priority setting → *Past:* AHIC
  *Now*: HIT Policy Committee and HIT Standards Committee
- Standard development and maintenance → Standards development organizations, for example—HL7, LOINC, X12, NUBC, NUCC, etc.
- Standards harmonization and testing → *Past:* Health Information Technology Standards Panel (HITSP)
  *Now*: Integrating Healthcare Enterprise (IHE)
- Standards certification → Certification Commission for Health Information Technology (CCHIT)
- Standards adoption → US

# Business Case: Public Health in HIT Standardization




URL: http://www.phdsc.org/standards/business_case.asp

# PHDSC Business Case

PHDSC Business Case: HIT Standardization Phases, Products and Entities

| HIT standard-ization phases | Needs and priorities | Development and maintenance | Selection and Harmonization | Testing/trial implementation | Certification | Deployment |
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| *Goals* | *What should be accomplished?* | *What are the standards?* | *What standards to use?* | *Show what can be accomplished* | *Certify standards-based products* | *Deploy standards-based products* |
| **HIT standards and interoper-ability framework development entities** | HIT policy committee<br><br>HIT standards committee (former AHIC) to be superseded pending ONC decisions | SDOs—for example, HL7, SNOME (IHTSDO), LOINC, ASC X12, NUBC, ISO TC215) | IHE—formerly HITSP, to be superseded pending ONC decisions | NHIN<br><br>IHE | Certification entities (CCHIT, Drummond Group, Inc) | *Proposed*<br><br>IHE and PHDSC deployment workshops |
| **Standards documents** | Use cases (description of the health information exchanges) | Standards | Interoperability specifications<br><br>Technical frameworks<br><br>Integration profiles | Test reports | Functional profiles<br><br>Certification criteria | Deployment reports |
| **On-going activities ( 2008-now)** | Developed methodology for public health participation in HIT standards development and harmonization | | | | | |
| **New activities (2010-11)** | Develop methodology for public health participation in HIT product testing and certification | | | | | |
| **Future activities** | Develop methodology for evaluation of standard-based HIT products (HIT adoption) | | | | | |

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