

The Office of the National Coordinator for
Health Information Technology



OST Update

Health IT Policy Committee
March 14, 2013

Doug Fridsma, MD, PhD, FACP, FACMI
Chief Science Officer & Director, Office of Science & Technology

Putting the **I** in **HealthIT**
www.HealthIT.gov



S&I Initiative Portfolio Snapshot



Pre-Discovery

Use Case

Harmonization

RI, Test & Pilot

Evaluation

Direct Project
(S&I Archetype)

In production

Transitions of Care

Companion Guide Completed

Lab Results Interface

IG Published, Pilot Planning In Progress

Query Health

Pilots Underway, QRDA III Published, HQMF in Comment Reconciliation

Data Segmentation for Privacy

Executive Summary of IG In Progress, Pilots Underway

Public Health Reporting

Community-Led; Consensus for Data Harmonization profiles closed on 1/20/13; community will be meeting on a monthly basis

esMD

esMD AoR Level 1 IG is now in E2E review; AoR Level 2 UC development is underway; IG consensus closed for UC 1, UC 2, and Prov. Dirs. Guidance IG's

Longitudinal Coordination of Care

Community-Led initiative; 1st UC Completed, PAS in Comment Reconciliation, Creating a 'Care Plan' Glossary for HITPC & HL7

Laboratory Orders Interface

LOI IG ballot ended on 1/7/13 and ballot reconciliation conts; Lab pilot efforts include LRI, LOI, and eDOS

Health eDecisions

Knowledge Artifact Sharing Model, Schema and IG Submitted for January HL7 ballot, Examples In Development

Automate Blue Button

Three WGs (Push, Pull, and Payer Content) are formed and underway in various stages of IG development

Structure Data Capture

Developing UC skeleton with targeted completion date in mid-February to prep for 2/28 UC kick-off

2013 HITSC Work Plan

Q1	Q2	Q3	Q4
Additional standards to support transport of data to and from patients	Improvements to the CCD standard to facilitate unambiguous parsing, longitudinal record sharing, and bulk record sharing	Standards to support closed loop referral workflow	Standards which support measurement of EHR usability
Standards to support image exchange	Standards to record advanced directives/care preferences	Standards which support Record Locator Services	Standards to support representation of patient generated data including consumer device data
Standards which address current content gaps - HL7 version 2 lab orders, formulary downloads, cancel transaction needed for hospital discharge medication e-prescribing, representing genomic data in the EHR	Standards for application programming interfaces supporting modular application integration	Standards which support query/response of provider and patient identity in directories	Standards to support data comparability across entities including detailed clinical models
Standards for securing data at rest, especially genomic data and consumer downloads	Standards which support flexible platforms for measuring and reporting quality (QueryHealth, QRDA/HQMF)	Standards which support consent in a query/response architecture such as granular patient privacy preferences hosted in a managed service ("pull") and sent as part of the request for records ("push")	Standards supporting Digital signature
	Standards for clinical decision support, both knowledge representation and application programming interfaces (APIs) for query/response to knowledge resources	Standards to record care plans/care team	Standards and certification criteria that anticipate broad NISTIC adoption
	Standards which support defect reporting to PSOs	Standards supporting data segmentation for privacy	Standards which support query of data within organizations and targeted query for patient data
	Standards needed for registry support including structured data capture and transmission to third party repositories	Standards for clinical documentation supporting new payment models (includes ICD10, smart problem lists, computer assisted coding)	
		Standards which support query of data within organizations and targeted query for patient data	2

Putting the I in HealthIT 

 **S&I FRAMEWORK**