HEALTHCARE INNOVATION STEERING COMMITTEE

HEALTH INFORMATION TECHNOLOGY (HIT) BRIEFING

DECEMBER 11, 2014

Roderick L. Bremby

Commissioner, Department of Social Services

HIT Council, Co-Chair

Briefing Outline

- SIM HIT Plan Overview – 20 Minutes
  - Review HIT Plan components by function
- Level Set Using Analogy – 5 Minutes
- Discuss Conceptual Readiness – 10 Minutes
  - Logic Model
- Next Steps – HIT Council Function – 10 Minutes
- Q & A

Objectives

- To review SIM HIT plan components
- To demystify plan technology – Analogize A Journey to Well-being
- To discuss next steps in the evolution of the plan.

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HIT Plan Technical Components

- **#** *CareAnalyzer*® (DST Healthcare Solutions)
- **#** HIT Strategic Plan
- **#** APCD – All Payers Claims Database
- **Consent Registry -**
- **Disease Registries -**
- Crowd Sourcing- method of engaging large groups to contribute to an outcome
- **#** EMPI - enterprise Master Patient Index (Nextgate)
- **Personal Health Record – MyChart (Epic)**
- **#** Provider Directory- (NextGate)
- **#** Direct Messaging/Admission, Discharge, Transfer - Secure Exchange
- **Edge Servers/Indexing/eCQM (e Clinical Quality Measures)**
- Electronic Health Records Service as Software Model

 # Current assets in process or production

SIM HIT Plan - Proposed initiatives

- HIT Governance Structure

- Consent Registry

- Disease Registries

- eCQMs reporting engine using edge servers

- Alert/Notification Engine

- Personal Health Record

HIT Governance

- Starting on October 15, 2014 a set of six-planning meetings with a focus on the following:
  - Create a HIT vision statement for our state
  - Identify common HIT goals
  - Identify and support an enterprise built on an interoperability framework
  - Operationalize across-agency governance structure that builds upon and ties the various initiatives that have been undertaken in the last 4-years with respect to health and human services.

SIM HIT Plan Budget

SIM HIT Budget - Request Grant & Bond Funding		State	Federal
Personnel (5.5 FTE)	Research Associate 2		**2,245,269**
Travel/Supplies	Travel (Instate & NE Region/Mileage)		80,000
	Printing/Publishing educational materials		12,000
	Computers and software		10,000
	Office Supplies		6,000
	Subtotal		**108,000**
Procurement/Contractor Cost	BEST Hosting EMPI and PD		480,000
	Care Analyzer		700,000
	HIT Strategic Plan		200,000
	APCD		540,000
	Consent Registry	900,000	1,100,000
	Disease Registries		2,200,000
	Crowd Sourcing		360,000
	EMPI-Nextgate		208,600
	Provider Directory- NextGate		225,000
	Direct Messaging/ADT - Secure Exchange		450,000
	Edge Servers/Indexing/eCQM	900,000	1,000,000
	EHRs SAAS Model		735,000
	Subtotal		**8,198,600**
Indirect			**233,727**
Grand Total		**1,800,000**	**10,769,596**

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A Journey to Well-being

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Input/Resources

Activities
HIT Council
Other SIM workgroups
Meetings with Stakeholders

Outputs
Short-term
Long-term Outcomes

Current Assets
(in process/production)

Provider Directory

Enterprise Master Patient Index

Direct Health Information Service Provider

All Payers Claims Database

Integrated Eligibility System

CareAnalyzer ® (risk stratification tool used by Medicaid Medical ASO)

Proposed Assets

eCQMs reporting engine

Consent Registry

Disease Registries

Alert/notification Engine

Personal Health Record

HIT Interventions

Person-level

Personal Health Records/Patient portal to provide patient access to EHRs (Use Blue Button)

Self-management programs

Use of mobile technology

System level

Identifying High-risk population using LACE Index/care analyzer

Predicting readmissions using disease specific algorithms

Monitoring system health through Performance Measures

Data mining to identify patterns

Provider Level

Alert Notification

Community Support Resources

Medication Reconciliation

Care Coordination - Use of secure messaging for document transport (Direct message)

Outputs

Increased capacity to process data

Increased capacity to analyze integrated data

Use of Standards for exchange of information

Use of standard terminologies and vocabularies

Harmonized systems and procedures

Outcomes

Published Results based on the domains and quality measures selected to demonstrate value. For example:

o Reduction in Hospital readmission

o Reduction in maternal depression

o Increased Diabetes control

o Enhanced rate of age-appropriate screenings

Impact

Improvement in targeted HP 2020 population health indicators

Lower per capita costs

Improved care experience

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HIT Council Function

- Representatives
- Meeting frequency
- Charter
- How the work will be performed
- Recommendations to the SIM Steering Committee

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