

Commonwealth of Kentucky
Cabinet for Health and Family Services (CHFS)
Office of Health Policy (OHP)



State Innovation Model (SIM) Model Design
April HIT Infrastructure Workgroup

April 16, 2015
9:30 AM – 12:30 PM

Agenda

- **Welcome and Introductions** 9:30 – 9:40 AM
 - **SIM HIT Plan(s) Overview** 9:40 – 10:10 AM
 - **SWOT Analysis of Kentucky's HIT Landscape** 10:10 – 10:40 AM
 - **Guiding Principles Exercise** 10:40 – 11:10 AM
 - *Break* 11:10 – 11:20 AM
 - **Expanding Coordination Across the Care Continuum** 11:20 AM – 12:20 PM
 - **Next Steps and Q&A** 12:20 – 12:30 PM
-

Welcome and Introductions

SIM HIT Plan(s) Overview

SIM Round One Model Design HIT Plan – Michigan

The Blueprint for Health Innovation is Michigan’s final product of the state’s SIM Round One Model Design. When Michigan developed goals for the Blueprint for Health Innovation and described the characteristics of the transformed service delivery and payment models, HIT infrastructure was often discussed as a vital component. The Blueprint’s HIT includes five key elements.

Technological Foundation of Health Information Exchange



- Further development of statewide health provider directory and attribution services
- Further development of a statewide identity management service
- Standardized reporting of cost, quality, and outcome data that allows for robust data analysis and that will support a performance recognition program

Coordinating Health Information Infrastructure Activities



- Michigan Health Information Network Shared Services / HIT Commission
- Medicaid Health Information Technology Department
- Regional Extension Center
- Southeastern Michigan Beacon Community

Reaching All Providers



- Rural providers – focus on capacity-building and help expand coverage of HIEs
- Small provider practices – assist with EHR implementation and practice transformation
- Behavioral health providers – facilitate appropriate information exchange between physical and behavioral health care providers

Medicaid Management Information System (MMIS) Impacts



- Leverage the Medicaid Information Technology Architecture (MITA) maturity model that contains changes to provider enrollment and management, member management, case management, and claims adjudication

Cost Allocation Plan



- Fund Accountable Systems of Care and participating practices for the adoption of HIT and HIE
- Use existing funding streams that support central MMIS functions
- Use grant funds to support investments that are necessary and specific to the Blueprint

SIM Round One Model Test HIT Plan – Massachusetts

Massachusetts SIM funding for HIT innovation is focused on five key initiatives.

1

HIE Functionality for Quality Reporting

Funding will be used to establish a quality and clinical data repository. EHR connectivity to the HIE will be leveraged in the collection of quality information. This will also require the upgrade of an existing provider web portal for data input.

2

MMIS Modifications for Primary Care Payment Reform (PCPR) Support

Funding will be used to cover additional development work that is necessary for the Massachusetts PCPR initiative. However, the bulk of the SIM grant funds will be used to support ongoing operations and maintenance for the PCPR initiative.

3

Linkages between Primary Care Practices and LTSS/Data Infrastructure for LTSS

Funding will be used to increase communication supporting coordination of care between a consumer's interdisciplinary care team. This system will ultimately interface with the HIE.

4

Electronic Referrals to Community Resources

An open-source platform is being developed and piloted for a vendor-neutral referral system. The system is designed to enable clinical providers to send electronic referrals directly from their EHRs to community services such as the Tobacco Quitline and the YMCA for weight loss programs.

5

Technical Assistance to Behavioral Health and LTSS Providers

Because behavioral health and LTSS providers do not qualify for federal governmental EHR adoption incentive programs, SIM funding is being used to research the current EHR adoption landscape and develop an outreach/education program to encourage EHR and HIE adoption for these provider types.

SIM Round One Model Test – Oregon Year 1 Accomplishments

Oregon has used part of its SIM funding to accomplish three major HIT initiatives in the first year of their testing grant.



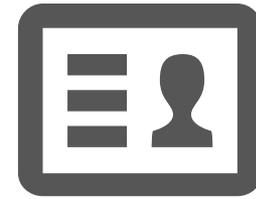
Dashboard Reports

- Quarterly dashboard reports are published showing statewide multi-payer performance and coordinated care organization (CCO) performance
- Dashboards include:
 - Quality measure performance
 - Utilization trends
 - Expenditure trends



Clinical Quality Metrics Registry

- Implementation of a state-level clinical quality metrics registry received more funding
- The registry will help to support quality reporting and the development of pay-for-performance methods
- The goal is to transition from claims-based reporting to using data captured within an EHR



Common Credentialing

- Oregon is establishing a database for providing credentialing organizations, such as health plans, CCOs, and hospitals, access to information necessary to credential all health care practitioners in the state
- Health care practitioners submit credentialing information once to a database, and all in-state credentialing organizations have access to the data

ONC State Innovation Model Health IT Resource Center

The Office of the National Coordinator for Health Information Technology (ONC) recently developed and released a comprehensive set of tools to provide technical support and expertise to both SIM Model Design and Test states that can be leveraged to support the health IT infrastructure development and innovation included in SIM states' plans to transform the care delivery and payment systems.



Program Specific Resources

- Aligning Health IT Implementation with Delivery System Transformation
 - Clinical Alerting and Event Notifications
 - Health IT Optimized Care Coordination: Care Plans and Data To Support Care Plans
- Virtual Workshop: A Facilitated Conversation Around HIT Optimized Care Coordination
- Clinical and Claims Data Integration Required for Total Cost of Care/Efficiency Measurement



Patient-Centered Care Planning Tools

- Care Coordination Tool for Transition to Long-Term and Post-Acute Care
- Providing Patient Specific Education Resources Challenges and Solutions
- Case Study: Community Action Health Clinic Uses Health Information Technology to Improve Care Coordination
- Medical Home: Practice-Based Care Coordination Workbook
- Putting the Person at the Center: Integrating Plans for LTSS and Health Care Delivery through HIT



Other Topics Coming Soon

- Behavioral Health Integration
- Interoperability
- Interoperability Across the Continuum
- Data Warehousing
- Data Analytics
- ID Management
- Alerting and Clinical Messaging

Experience with HIT Infrastructure in Kentucky

State Landscape – Existing HIT Organizations

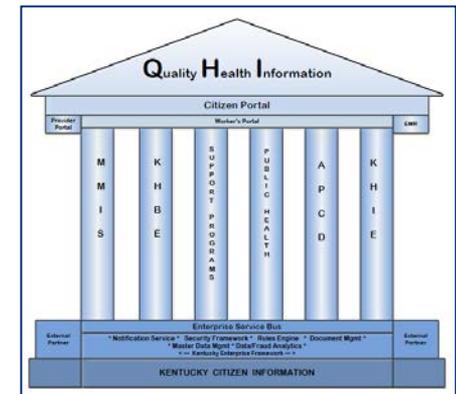
There are multiple successful health information technology (HIT) organizations and systems operating in Kentucky and they are laying the groundwork for an expanding HIT infrastructure necessary to support a SIM Model Design

kynect

- Through Executive Order 587 in July of 2012, Kentucky established Kentucky’s Health Benefit Exchange (HBE), or **kynect**.
- Kentucky is one of fourteen states that decided to build a state-based health insurance marketplace.
- Kynect created the infrastructure to accept and store plan information from issuers in preparation for Open Enrollment and subsequently went live in October 2013 to support CHFS and Kentucky residents.
- Today, more than **500,000 Kentuckians** have obtained affordable health insurance through kynect and this number continues to grow.

Kentucky Quality Health Information (QHI) Framework

- The Kentucky **Quality Health Information (QHI) framework** is CHFS’ overall HIT strategy that facilitates the implementation of technology standards and approaches for the development of an interoperable, scalable, and easily adaptable cross-technology framework.
- The QHI initiatives include the Medicaid Management Information System (MMIS), HBE, Child Support Programs, Kentucky’s Immunization Registry, an All-Payer Claims Database (APCD), and the Kentucky Health Information Exchange (KHIE).
- As outlined in Kentucky’s SIM application, the current QHI initiatives will be used as a starting point for integrating stakeholder systems.



State Landscape – Existing HIT Organizations (Continued)

There are multiple successful HIT organizations and systems operating in Kentucky and they are laying the groundwork for an expanding HIT infrastructure necessary to support a SIM Model Design

The Kentucky Health Information Exchange (KHIE)

- The **KHIE** is a secure, interoperable network in which participating providers with certified electronic health record technology (CEHRT) can access, locate, and share needed patient health information with other providers, at the point of care.
- KHIE is administered by the Division of Kentucky Electronic Health Information within CHFS and is committed to supporting statewide adoption of electronic HIE.
- The KHIE architecture meets national standards to ensure interoperability across various health systems and connectivity to the National Health Information Network. The system offers healthcare providers the functionality to support preventive health and disease management through alerts, messaging and other tools.
- The design of KHIE is flexible. As criteria to determine meaningful use expands beyond stage 1, functionality will be added to support providers in further achieving meaningful use.

Kentucky Regional Extension Center (Kentucky REC)

- The **Kentucky REC** is housed at the University of Kentucky College of Medicine and is one of a select group of organizations throughout the US charged with assisting providers, practices, and hospitals in the achievement of meaningful use of Electronic Health Records (EHRs).
- The Kentucky REC was selected by the US Department of Health and Human Services' (HHS) Office of the National Coordinator (ONC) for HIT to serve providers in the Commonwealth of Kentucky.
- Today, the Kentucky REC is a leader in HIT implementation, working to improve the quality and effectiveness of care through electronic health information.

Exercise: SWOT Analysis of Kentucky's HIT Landscape

Based on stakeholder experience in the previously described initiatives, what are the strengths of and challenges with current HIT initiatives in Kentucky? In the following exercise, participants will assess the current state of Kentucky's HIT landscape using a SWOT analysis.



S What are the advantages and strengths of the HIT landscape?

Notes:

W What do you believe are the current weaknesses?

Notes:

O Are there opportunities that could benefit the existing HIT landscape?

Notes:

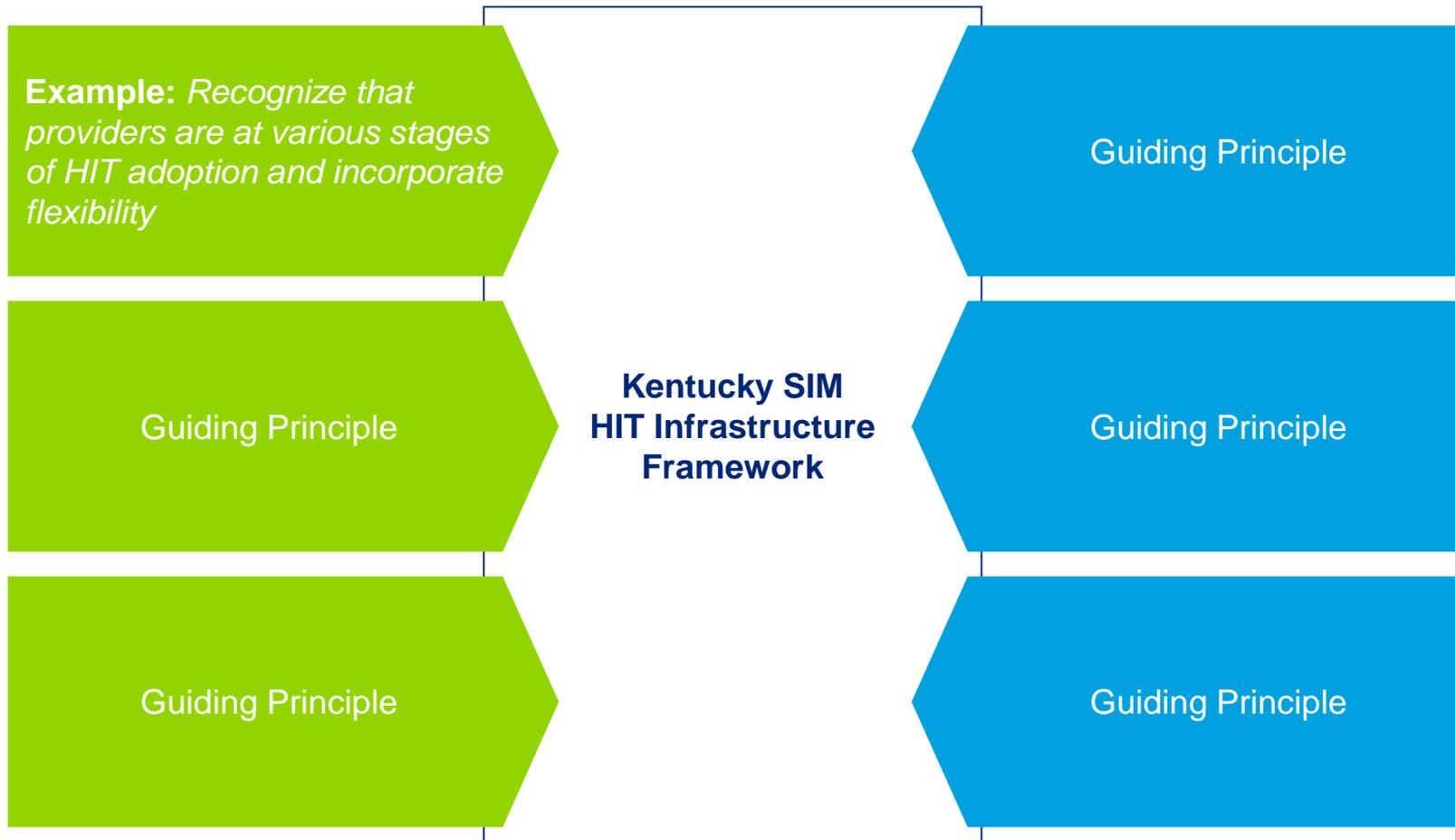
T Are there threats to the current HIT landscape – financial and/ or competitive?

Notes:

Guiding Principles in Expanding HIT Infrastructure

Exercise: Guiding Principles in Expanding HIT Infrastructure

Using Kentucky's experience, as well as approaches taken in other states, what should be Kentucky's guiding principles when developing its HIT infrastructure strategy for the SIM initiative?

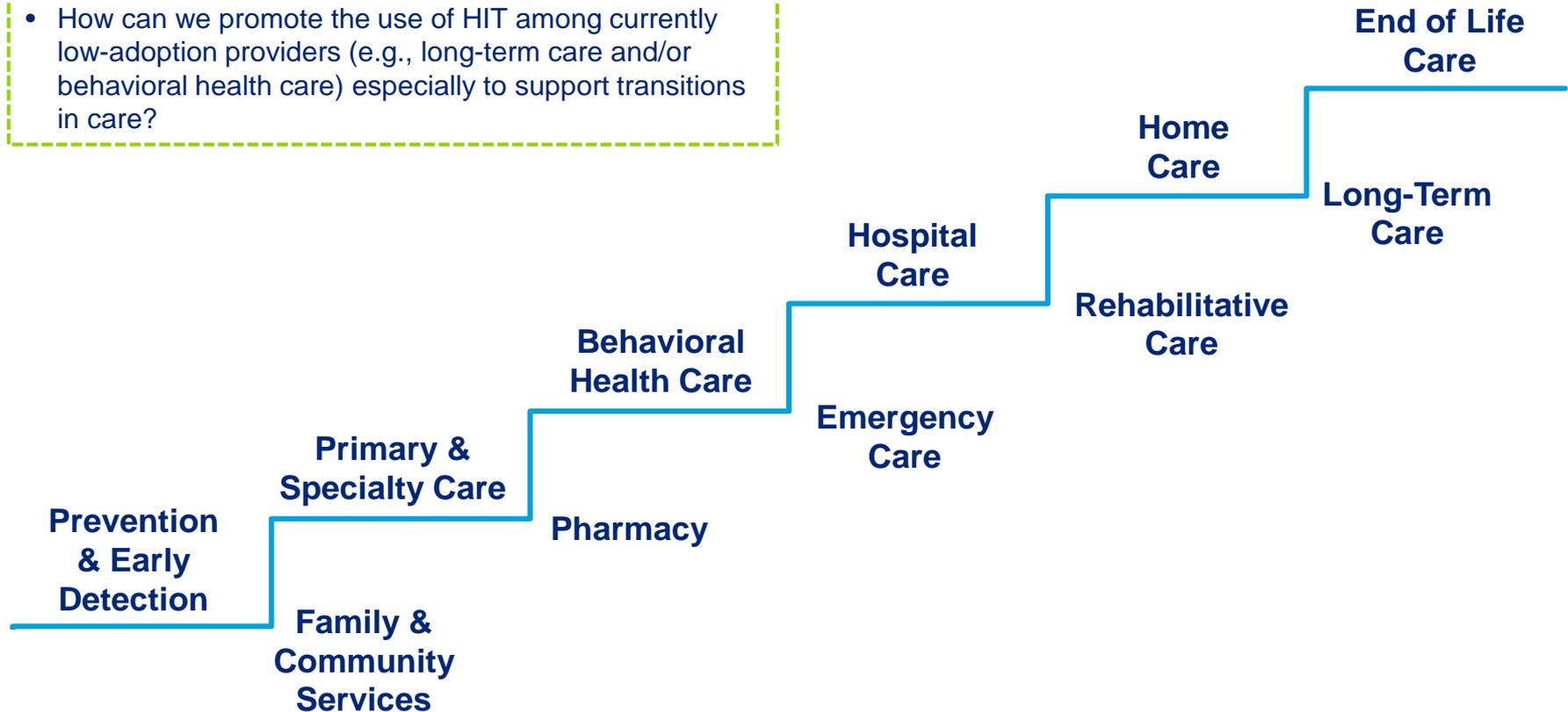


Expanding Coordination Across the Care Continuum

Exercise: HIT Along the Delivery System Continuum

Each provider and/or organization that falls on the health care delivery system continuum has different stakeholders and needs in terms of leveraging HIT and/or expanding HIT infrastructure. The potential HIT strategies for each level of this continuum should consider these individual factors. In the following exercise, participants will discuss these factors by individual provider-type groups.

- How can we promote the use of HIT among currently low-adoption providers (e.g., long-term care and/or behavioral health care) especially to support transitions in care?



Note: All exercises were conducted in real time. Results will be compiled and posted at a later date.

Exercise: Goals to Supporting Provider Readiness/Capacity

How can we address provider concerns that their systems don't have capacity to support value based care? Using SIM, how can we provide training and/or financial support, consider their analytical needs, etc.?

Provider Training

- *Notes*

Infrastructure Funding

- *Notes*

Data Analytics

- *Notes*

Other Categories?

Next Steps

Upcoming Schedule

A monthly workgroup meeting will be essential for discussing key topics, reaching consensus, and driving the development of a successful Model Design. The exact meeting dates, times, and locations for the workgroups will be communicated in advance of each session.

May 2015

M	T	W	T	F
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4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

June 2015

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July 2015

M	T	W	T	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	31

Calendar Legend

Workgroup Meeting

Stakeholder Meeting

Next Steps

- As a reminder, the next full stakeholder meeting is scheduled for **Wednesday May 6, 2015** from **1 – 4 PM** at the **Administrative Office of the Courts**, Main Conference Room, 1001 Vandalay Drive, Frankfort, KY 40601
- Mark your calendars! The next HIT Infrastructure workgroup will be held on **May 21, 2015**.

Workgroup	May Date	May Time	Location
Payment Reform	Tuesday, May 19, 2015	9 AM to 12 PM	KY Department for Public Health (DPH), Conference Suites A-C , 275 E Main St, Frankfort, KY 40601
Integrated & Coordinated Care	Tuesday, May 19, 2015	1 PM to 4 PM	KY Department for Public Health (DPH), Conference Suites A-C , 275 E Main St, Frankfort, KY 40601
Increased Access	Wednesday, May 20, 2015	9 AM to 12 PM	KY Department for Public Health (DPH), Conference Suites A-C , 275 E Main St, Frankfort, KY 40601
Quality Strategy / Metrics	Wednesday, May 20, 2015	1 PM to 4 PM	KY Department for Public Health (DPH), Conference Suites A-C , 275 E Main St, Frankfort, KY 40601
HIT Infrastructure	Thursday, May 21, 2015	9:30 AM to 12:30 PM	KY Department for Public Health (DPH), Conference Suites B-C , 275 E Main St, Frankfort, KY 40601

- Please visit the dedicated Kentucky SIM Model Design website: <http://chfs.ky.gov/ohp/sim/simhome>
 - This website contains an HIT Infrastructure workgroup section that will contain meeting presentations, outputs, and additional resources
- Please contact the KY SIM mailbox at sim@ky.gov with any comments or questions

Thank you!

Q&A