

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



**State Innovation Model (SIM) Model Design
Health Information Technology (HIT) Infrastructure
Workgroup Kickoff Meeting**

**March 26, 2015
1 PM – 4 PM**

Agenda

- **Welcome and Introductions** 1:00 – 1:10 PM
 - **“As-Is” HIT Infrastructure National and Kentucky Landscape** 1:10 – 1:30 PM
 - **National and Kentucky SIM Goals** 1:30 – 1:50 PM
 - **Workgroup Charter** 1:50 – 2:20 PM
 - *Break* 2:20 – 2:30 PM
 - **Driver Diagram Exercise** 2:30 – 3:50 PM
 - **Next Steps and Q&A** 3:50 – 4:00 PM
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Welcome and Introductions

“As-Is” HIT National and Kentucky Landscape

State Landscape – Existing HIT Organizations

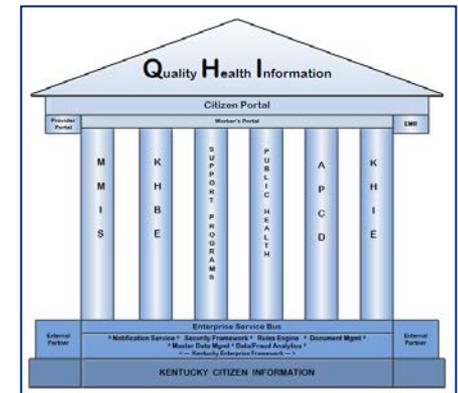
There are multiple successful health information technology (HIT) organizations and systems operating in Kentucky and they are laying the groundwork for an expanding HIT infrastructure necessary to support a SIM Model Design

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.

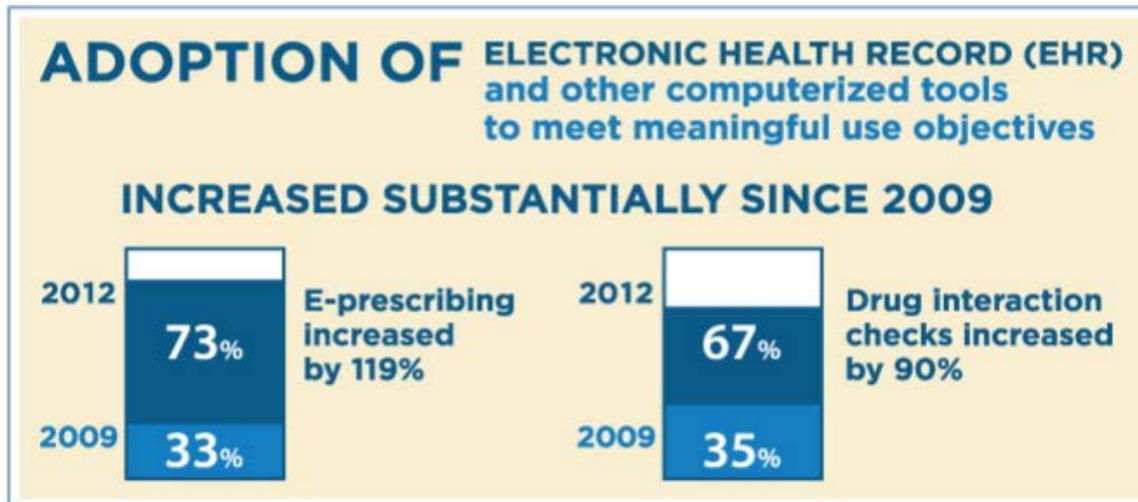
Kentucky Regional Extension Center (Kentucky REC)

- 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.

National Landscape – HIT Infrastructure

HIT makes it possible for health care providers to better manage patient care through secure use and sharing of health information, and the ONC reports on HIT adoption and advances regularly

- In general, current EHR adoption and interoperability data show growth in exchange capability and activity.
- While physician exchange activity with outside providers was limited in 2013, hospital exchange activity has grown significantly since 2008.
- Interoperability measurement will be a key focus for the ONC moving forward as it works to expand the national HIT landscape.



ONC Infographics

National and Kentucky SIM Goals

CMS Goals for the SIM Program

The CMS State Innovation Model (SIM) initiative is focused on testing the ability of state governments to use regulatory and policy levers to accelerate health transformation

- CMS is providing financial and technical support to states for developing and testing state-led, multi-payer health care payment and service delivery models that will impact all residents of the participating states
- The overall goals of the SIM initiative are to:
 - *Establish public and private collaboration with multi-payer and multi-stakeholder engagement*
 - *Improve population health*
 - *Transform health care payment and delivery systems*
 - *Decrease total per capita health care spending*

Current System	Future System
<ul style="list-style-type: none"> • Uncoordinated, fragmented delivery systems with highly variable quality • Unsupportive of patients and physicians • Unsustainable costs rising at twice the inflation rate 	<ul style="list-style-type: none"> • Affordable • Accessible to care and to information • Seamless and coordinated • High-quality – timely, equitable, and safe • Person- and family-centered • Supportive of clinicians in serving their patient’s needs

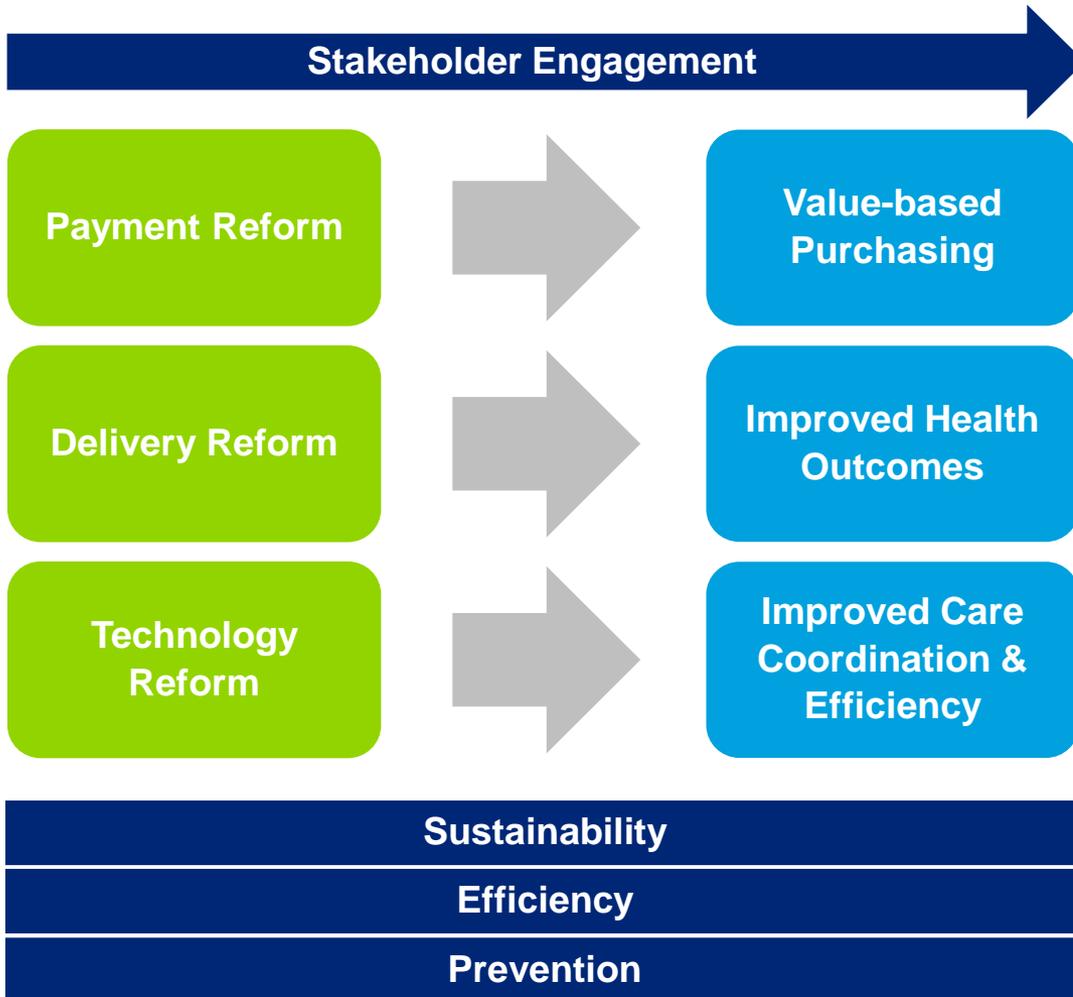
Source: CMS SIM Round Two Funding Opportunity Announcement Webinar

CMS’ Triple Aim Strategy



Kentucky's Vision for its SIM Model Design

Kentucky's Model Design will incorporate multiple payers, including Medicaid managed care organizations (MCOs), the Kentucky Employee Health Plan, insurers offering Qualified Health Plans (QHP) through kynect, and Medicare in an effort to achieve health system transformation



Goal

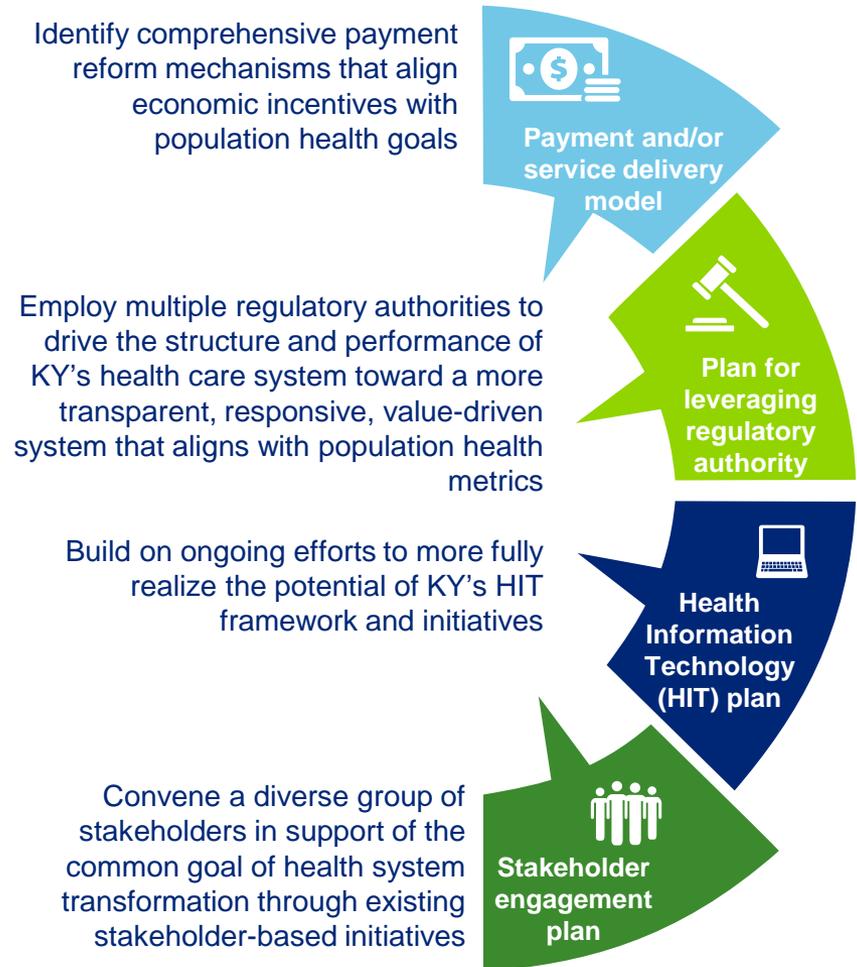
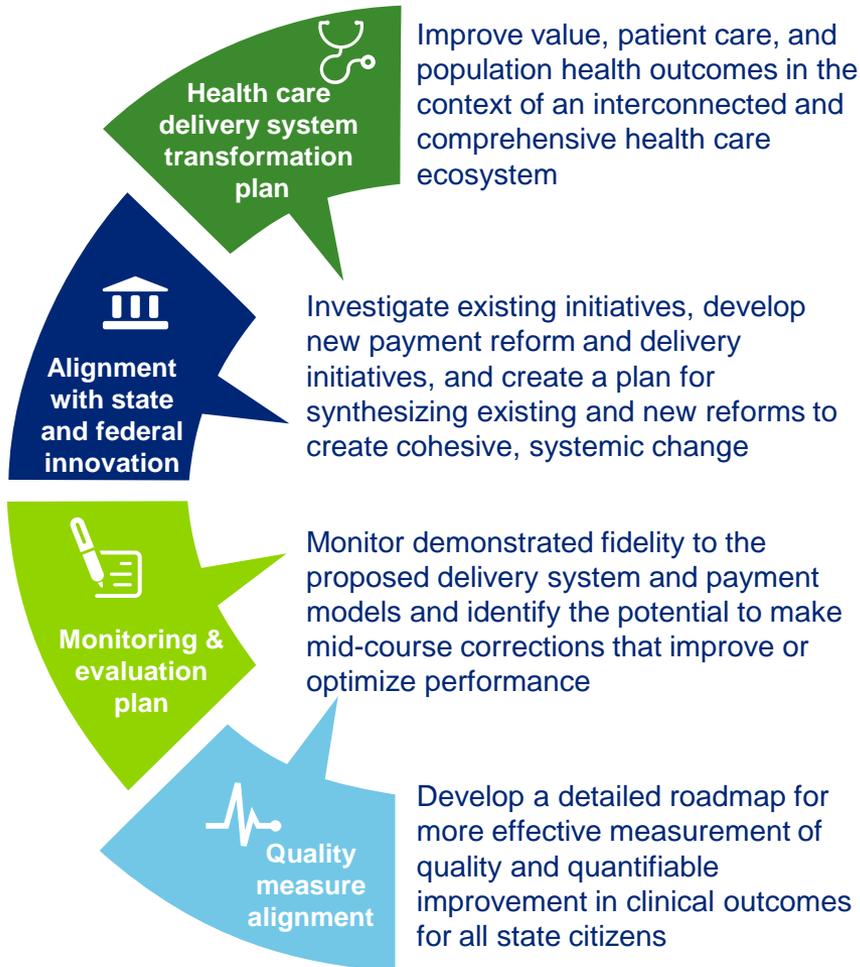
KY Annual Health Care Expenditures	\$28.4 B
CMS Savings Goal	2%
Estimated Savings	\$568 M



Kentucky's SIM Model Design application established the goal of reducing health care spending by 2% at the end of the four year implementation period.

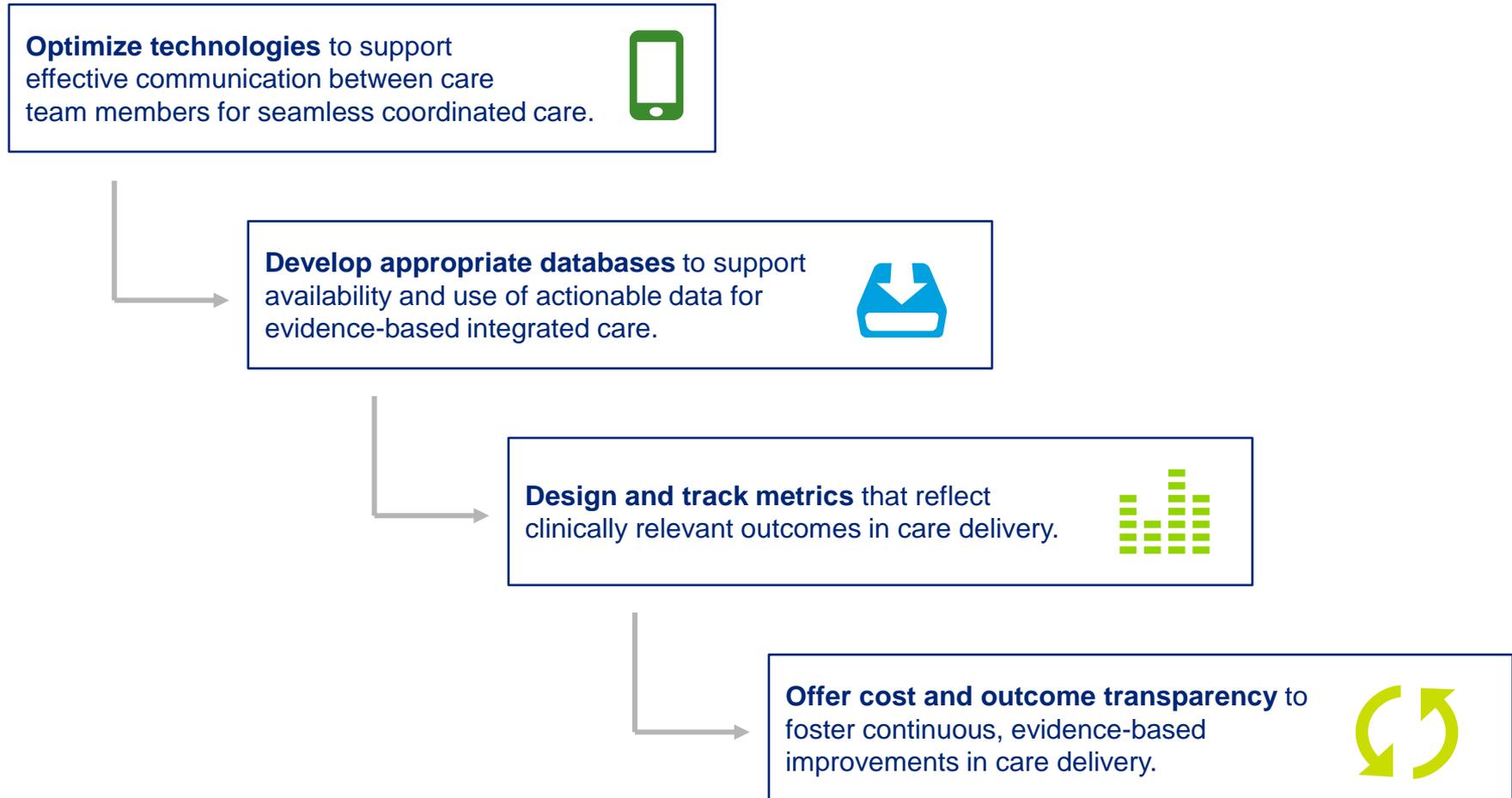
Kentucky's Vision for the State Health System Innovation Plan

The State Health System Innovation Plan (SHSIP) is the final deliverable of the SIM Model Design period and has a number of components. Kentucky will leverage existing state infrastructure and established programs to meet its goals for each plan component



Kentucky's Goals for Service Delivery Reform

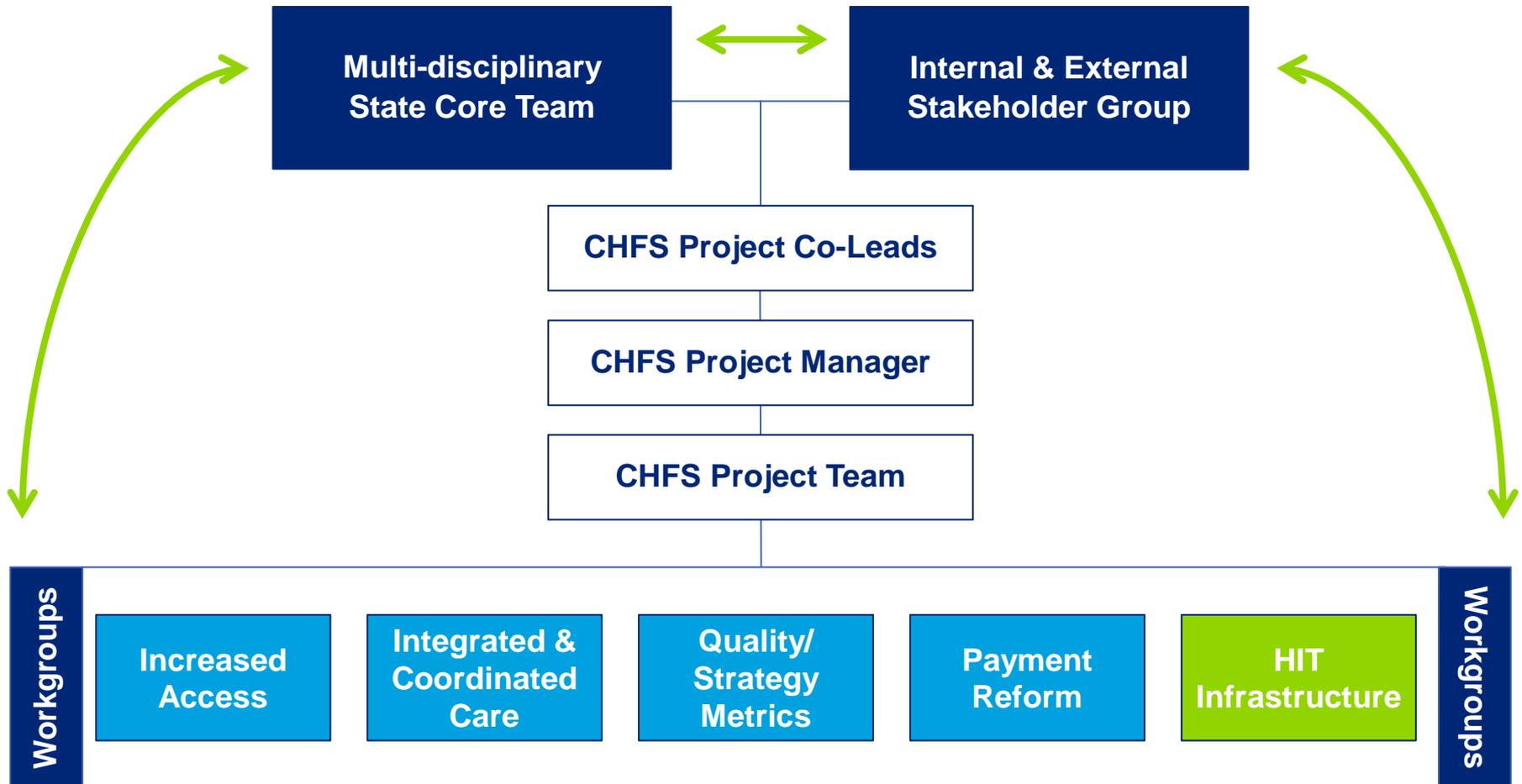
Kentucky has established three primary goals with respect to health care delivery transformation, one of which is focused on expanding the HIT infrastructure in the state to enable more efficient and accessible care delivery



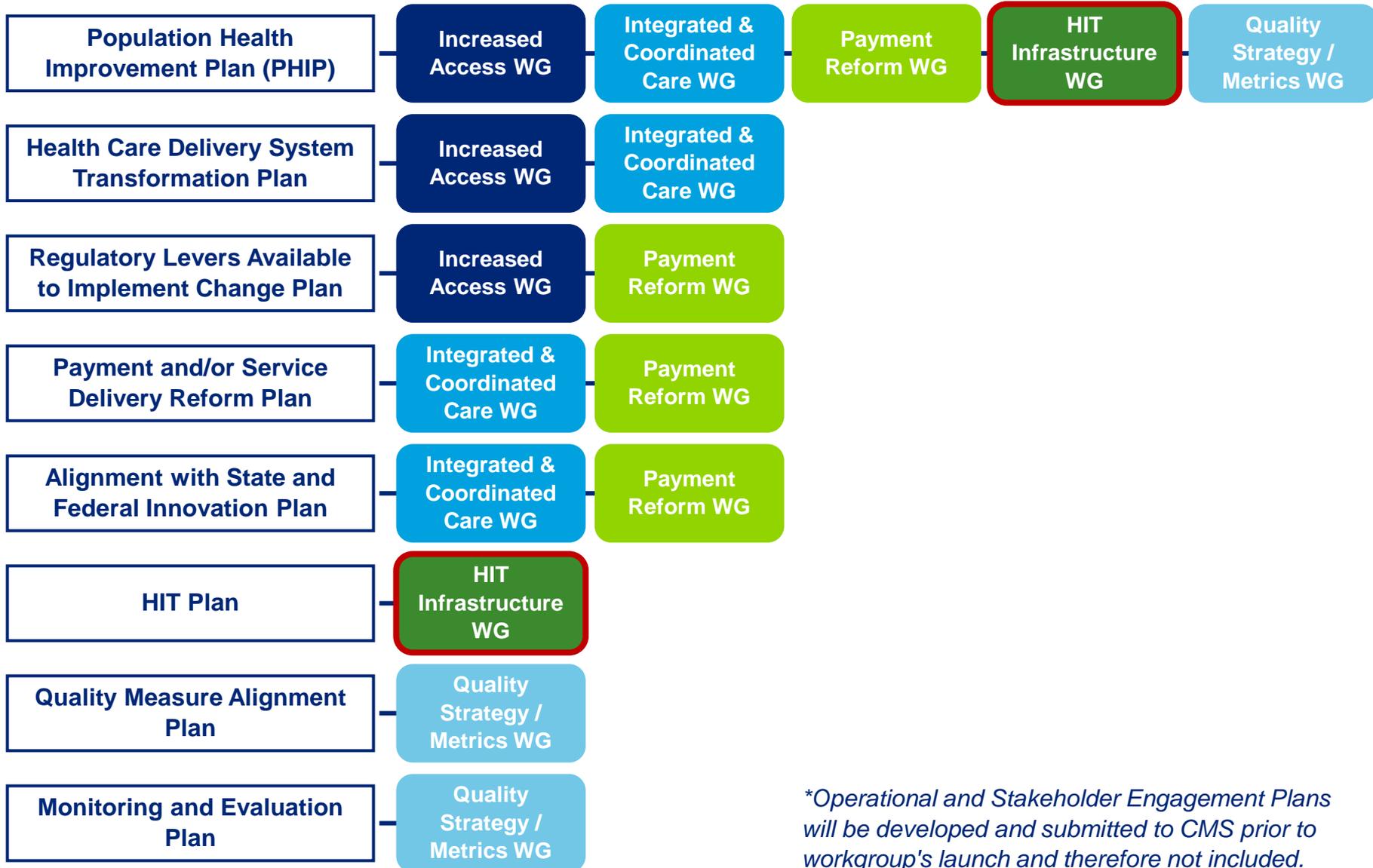
Workgroup Charter

Workgroup Process Overview

The workgroup process will rely on consistent input from and two-way communication among a multi-disciplinary state Core Team and internal and external stakeholders to develop, implement, and sustain the SIM initiatives



Workgroup Alignment with SHSIP Sections



**Operational and Stakeholder Engagement Plans will be developed and submitted to CMS prior to workgroup's launch and therefore not included.*

Workgroup Roles and Responsibilities

The HIT Infrastructure Workgroup will take a consensus-based approach to leveraging the elements of Kentucky's QHI to develop new recommendations for key components of the HIT Plan as part of the SIM Model Design.

The primary role of the HIT Infrastructure Workgroup is to establish a vision for and develop an HIT Plan that provides the data and analytical capability needed to support provider organizations, improve care coordination and delivery, and facilitate the real time exchange of clinical data in order to improve population health.



Workgroup Timeline

An organized work plan and adherence to its steps and timeline will be critical in the development of the workgroup’s components of the Model Design.

Task	2015									
	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	
	Workgroup Sessions									
Phase 1: Assess Current Landscape and Discuss Key Topics <ul style="list-style-type: none"> Review workgroup charter Conduct as-is review of current initiatives in Kentucky Conduct driver diagram/goal setting exercise Discuss key topics related to integrated and coordinated care: <ul style="list-style-type: none"> Kentucky QHI alignment Telehealth and telemonitoring programs Governance and decision-making best practices Review of federal IT resource investments Expanding coordination across the care continuum Patient engagement and transparency Collecting population health data 										
Phase 2: Design HIT Plan <ul style="list-style-type: none"> Develop straw person outline for HIT Plan Reach consensus on HIT Plan 										
Phase 3: Review HIT Plan <ul style="list-style-type: none"> Review draft HIT Plan Incorporate workgroup feedback into HIT Plan 										





 | HIT Plan Draft Due  Final Workgroup Meeting

Driver Diagram Exercise

Guidelines for Developing Statewide HIT Goals

To facilitate stakeholder commitment to the changes that SIM will require during future testing, Kentucky is taking a consensus-based approach to developing the goals and objectives for its Model Design.

Key components of each goal and objective

- Identify what will be improved, by how much, for whom, and by when
- Be bold yet attainable
- Create a focus and sense of urgency amongst providers and payers
- Derive from a data-driven and evidence-based approach
- Support improved health outcomes related to tobacco, obesity, and diabetes

Key HIT questions to consider

- How can we use HIT to improve care coordination across the full continuum of care?
- How will the Medicaid and state enterprise IT systems complement, support, and leverage an interoperable HIT infrastructure?
- How do we assure patient privacy in our new care coordination and integration model?
- How can we use HIT to expand access to care in rural areas of the state?

Specific

Measurable

Attainable

Realistic

Timely

To be successful, the stakeholder-developed goals and objectives for SIM should be consistent with the **SMART** methodology.

Driver Diagram Process Overview

Using a driver diagram exercise to clearly define a goal and its drivers will provide the workgroup with a shared view of the theory of change to Kentucky’s health care system. This “cause and effect” process will set the stage for defining the “how” elements of the SIM Model Design in alignment with CMS’ key three population health goals.

CMS/CDC Population Health Goals
<ul style="list-style-type: none"> • Reduce the rate of tobacco use statewide • Reduce the incidence of obesity statewide • Reduce the incidence of diabetes statewide



Current Drivers

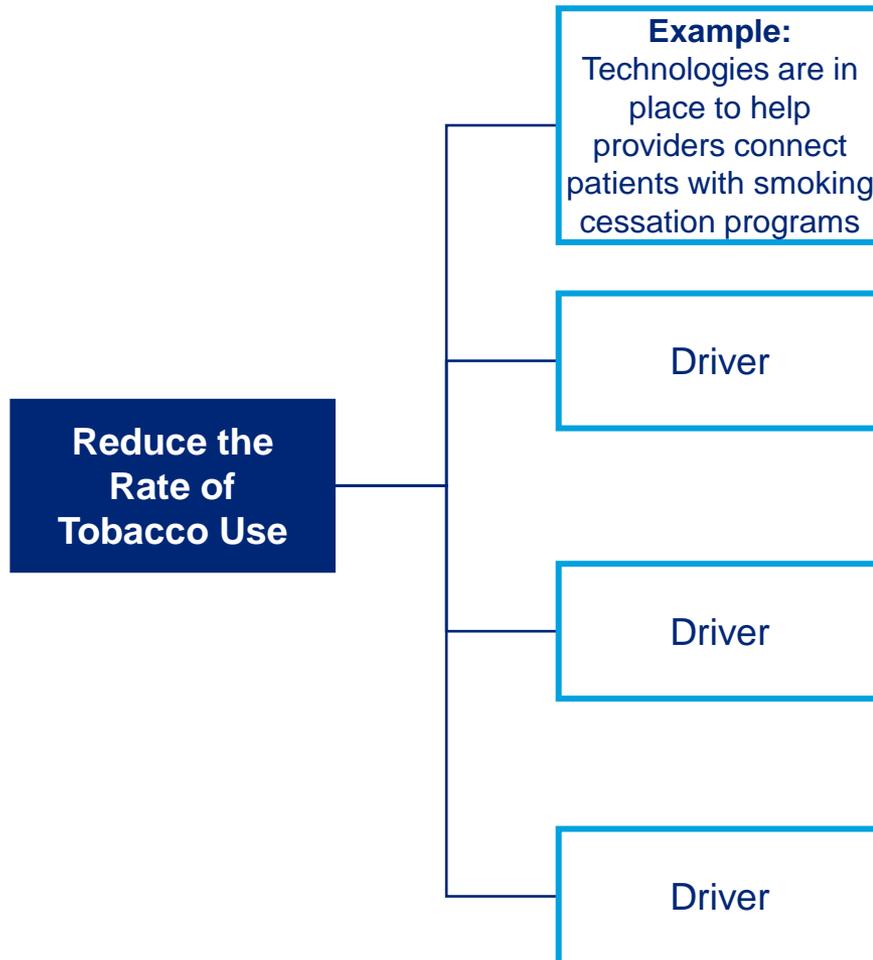
- What are the current drivers of high tobacco use, obesity rates, and diabetes incidences in Kentucky?

SIM Initiatives

- What initiatives can this workgroup develop that would positively impact those drivers from a HIT infrastructure perspective?

Goal Setting Exercise – Tobacco Use

What are the current barriers to reducing tobacco use in Kentucky? What would be the key drivers to reducing those barriers? What initiatives could support those drivers from an HIT infrastructure perspective?



- **Example:** Create a registry of smoking cessation programs that can be accessed by EHRs .

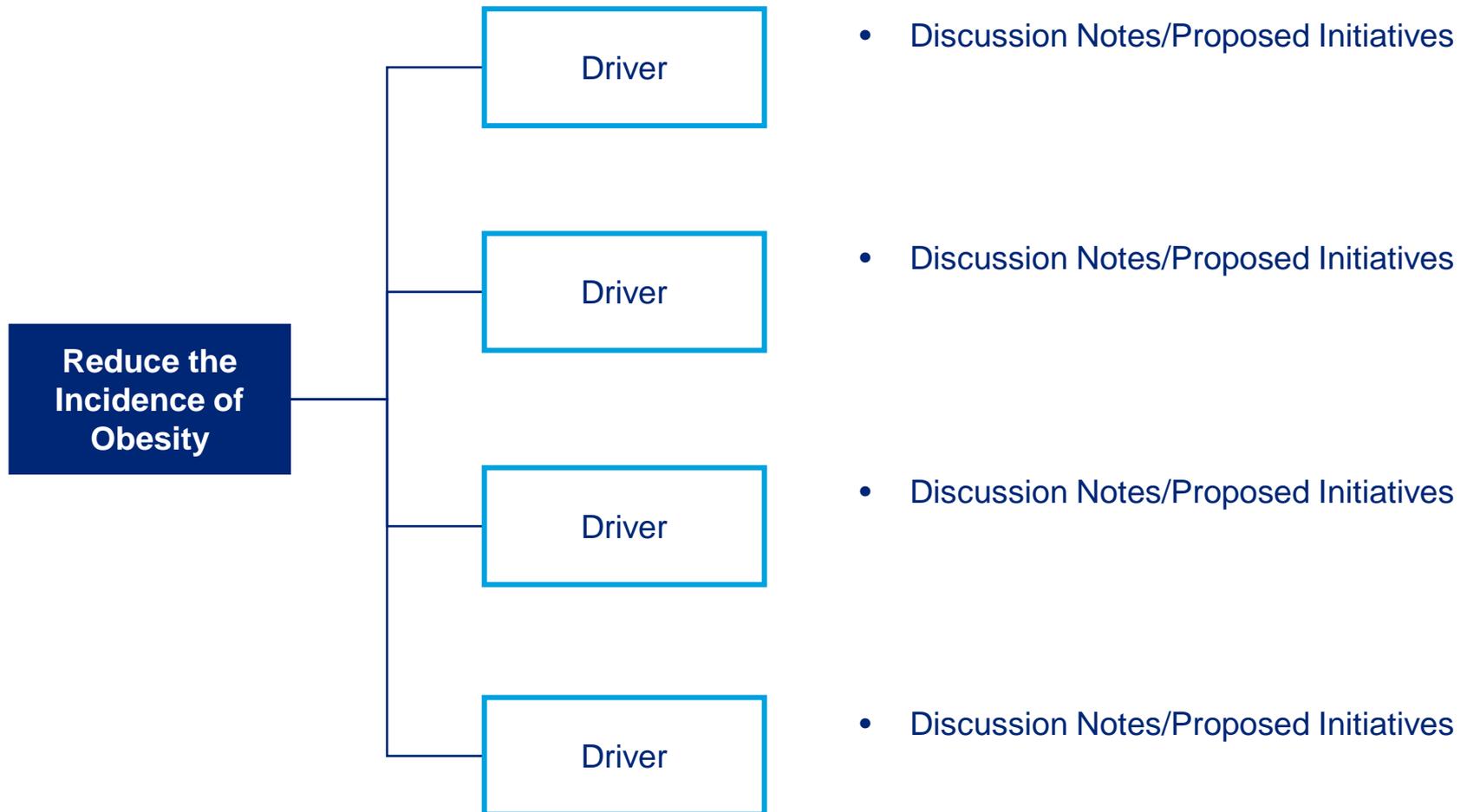
- Discussion Notes/Proposed Initiatives

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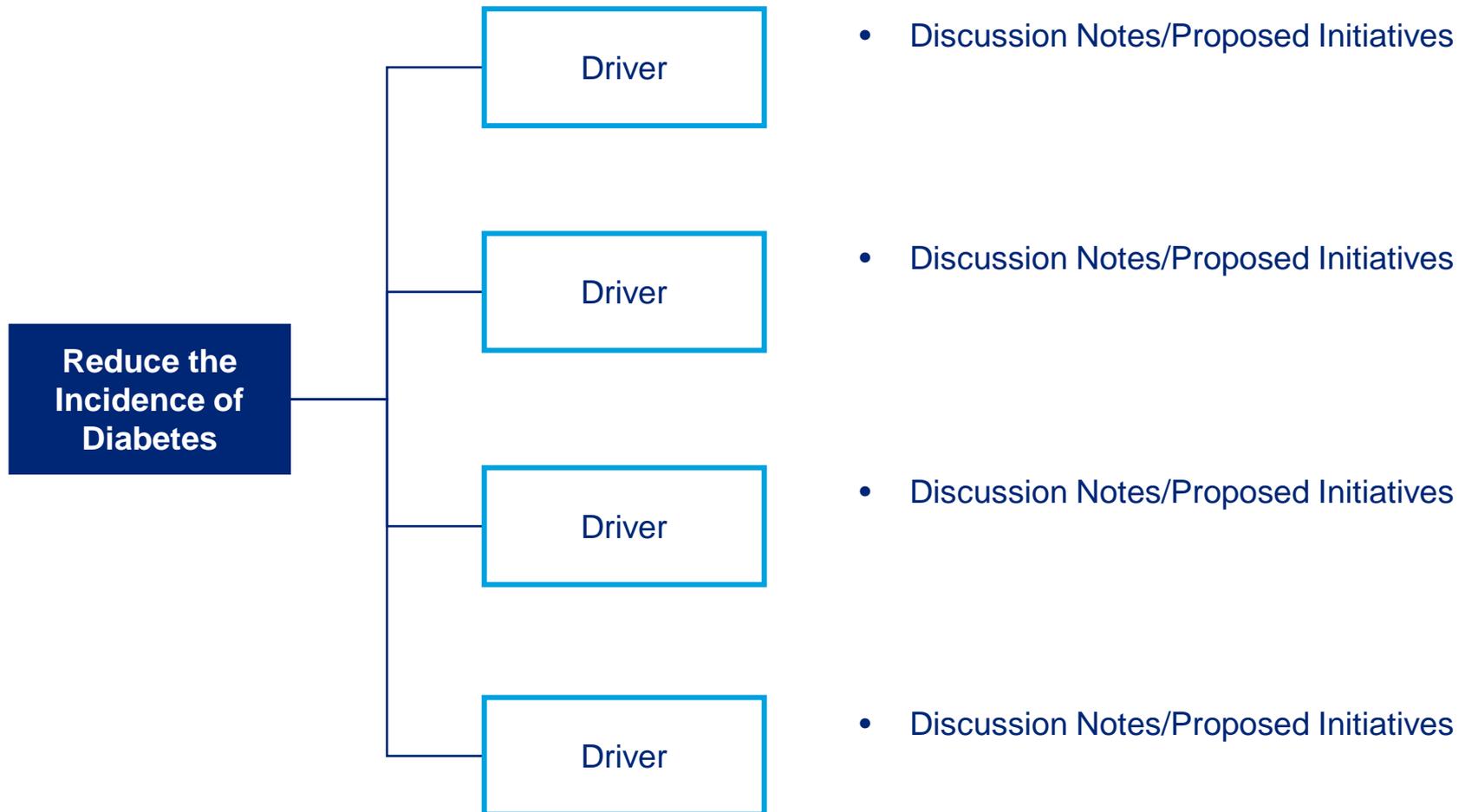
Goal Setting Exercise – Obesity

What are the current barriers to reducing the incidence of obesity in Kentucky? What would be the key drivers to reducing those barriers? What initiatives could support those drivers from an HIT infrastructure perspective?



Goal Setting Exercise – Diabetes

What are the current barriers to reducing the incidence of diabetes in Kentucky? What would be the key drivers to reducing those barriers? What initiatives could support those drivers from an HIT infrastructure perspective?



Next Steps

Upcoming Schedule

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

April 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	

May 2015

M	T	W	T	F
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

June 2015

M	T	W	T	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30			

Calendar Legend

Workgroup Meeting

Stakeholder Meeting

Next Steps

- As a reminder, the next full stakeholder meeting is scheduled for **Thursday, April 2, 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 two rounds of the HIT Infrastructure workgroup will be held on **April 16, 2015** and on **May 21, 2015**.

Workgroup	April Date	April Time	May Date	May Time	Location
Payment Reform	Tuesday, April 14, 2015	9AM to 12PM	Tuesday, May 19, 2015	9AM to 12PM	TBA – Frankfort, KY <i>*Please see website</i>
Integrated & Coordinated Care	Tuesday, April 14, 2015	1PM to 4PM	Tuesday, May 19, 2015	1PM to 4PM	TBA – Frankfort, KY <i>*Please see website</i>
Increased Access	Wednesday, April 15, 2015	9AM to 12PM	Wednesday, May 20, 2015	9AM to 12PM	TBA – Frankfort, KY <i>*Please see website</i>
Quality Strategy / Metrics	Wednesday, April 15, 2015	1PM to 4PM	Wednesday, May 20, 2015	1PM to 4PM	TBA – Frankfort, KY <i>*Please see website</i>
HIT Infrastructure	Thursday, April 16, 2015	9:30AM to 12:30PM	Thursday, May 21, 2015	9:30AM to 12:30PM	TBA – Frankfort, KY <i>*Please see website</i>

- Please visit the dedicated Kentucky SIM Model Design website: <http://chfs.ky.gov/ohp/sim/simhome>
 - This website contains a 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