

**Kentucky Health Information Partnership (K-HIP)  
Medicaid Transformation Grant Overview  
Cabinet for Health and Family Services (CHFS)**

**Sandeep Kapoor**



# Why e-Health is important

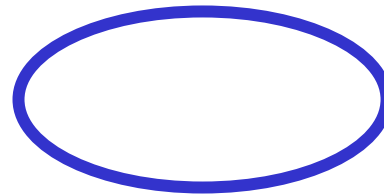
**We are on the cusp of enormous change...**

## **TRENDS**

- Health care affordability
- Quality improvement
- Pay for performance
- Consumer-driven care
- Health information on the Internet
- Transparency
- Personal Health Records

**...e-Health is fundamental to all of these**

# Poor Health Outcomes



NOTE: ORANGE OR RED IS NOT GOOD ON THIS MAP



# E-Health Dilemma

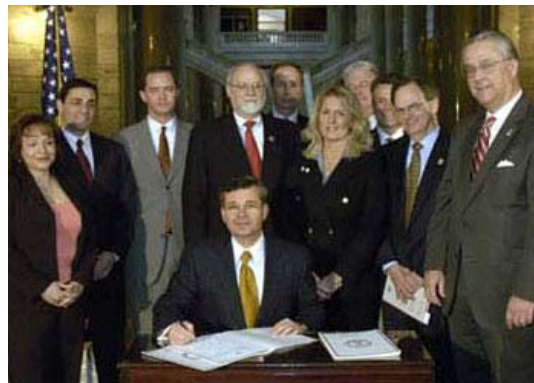
## E-Health = Electronic Information (HIT) + Connectivity (HIE)



- Objective: By 2014, all Kentuckians have interoperable EHR with statewide e-Health network for instant access anywhere.
- HIT: But currently only about 25% of KY doctors use electronic health records (EHRs).
- HIE: On average only 80% of claims are submitted electronically; little clinical information shared.

# KeHN Enabling Legislation

- Senate Bill 2 (SB2) was passed by the General Assembly and signed into law by Governor Fletcher on March 8, 2005.
- SB2 calls for the development and implementation of a statewide Kentucky e-Health Network, or “KeHN.”
- The goal of KeHN is to improve the quality and reduce the cost of health care for Kentuckians.



# Current e-Health Projects

- Privacy and Security Collaboration
- e-Prescribing Partnerships in Kentucky (ePPIK) Grant Program
- Kentucky e-Health Summit
- Kentucky Health Information Partnership (K-HIP)



# Kentucky Health Information Partnership (K-HIP)

- Received **\$4.9 million Medicaid Transformation Grant** funding - support initial development of partnership and Medicaid's portion of costs for first 2 years
- K-HIP as proposed would have 3 parts:
  - A **statewide web-based portal**
  - **Clinical**: A **patient health summary** using claims data initially
  - **Administrative**: standardized, multi-payor **electronic administrative transactions**

# K-HIP Portal Information & Functions

- **Patient Health Summary would include:**
  - Medication history
  - Provider visits – including outpatient, inpatient and emergency room visit information
  - Diagnosis codes
  - Lab and diagnostic test history
  - Immunization information
  - Patient demographic information
- **Administrative features would include:**
  - Request for eligibility verification
  - Submission of request for pre-authorization
  - Check status of prior authorization request
  - Submission of new medical claims
  - Check status of submitted claims

# Kentucky Health Information Partnership (K-HIP)

- Trend among insurers: use claims-based information for clinical purposes
- But use is low among physicians and efficacy uncertain because information is still fragmented by payor
- **Big Idea:** Involve not just Medicaid and state employees, but all payors in Kentucky – one stop information access for providers

# The Future of e-Health in Kentucky: Vision and Recommendations



# Objective and Guiding Principles

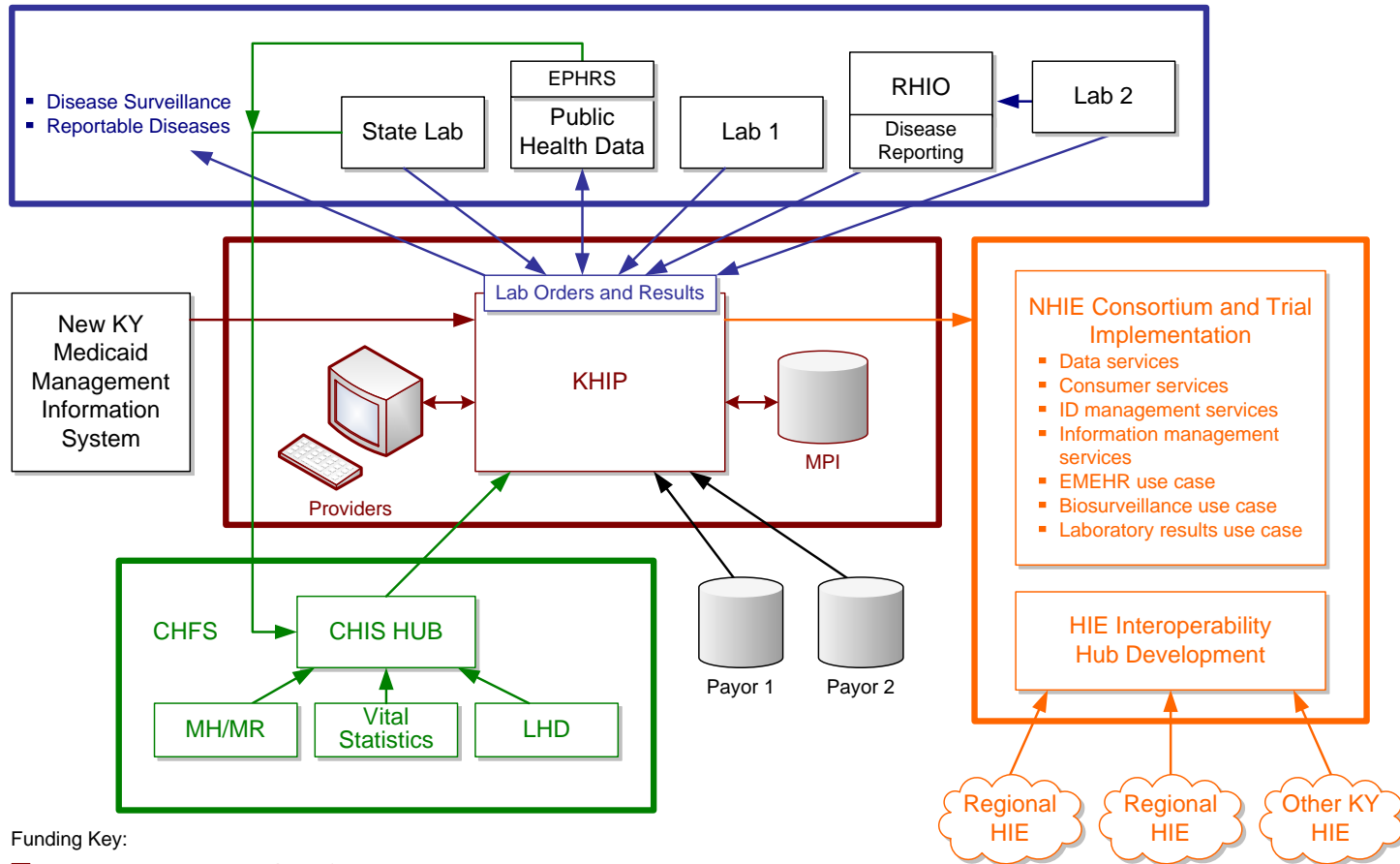
## Objective:

By 2014, all Kentuckians have interoperable EHR with statewide e-Health network for instant access anywhere.

## Guiding Principles:

- **Standards-based: embrace emerging national standards**
- **Interoperable**
- **Public/private partnership**
- **Non-profit / non-governmental organization management**
- **Sustainable business model**
- **Protect patient privacy**
- **Foster and support local HIE organizations**

# Kentucky e-Health Network Development

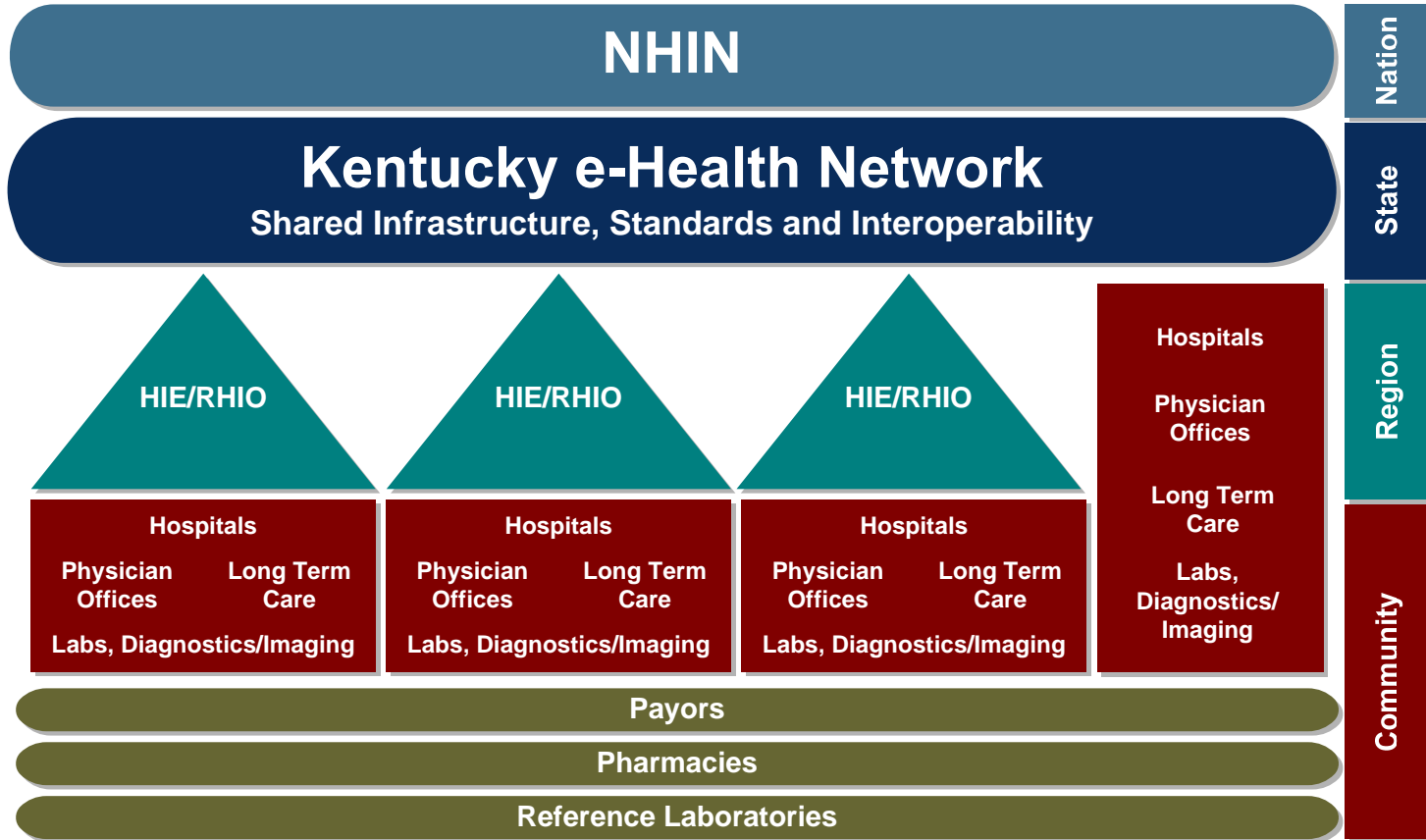


Funding Key:

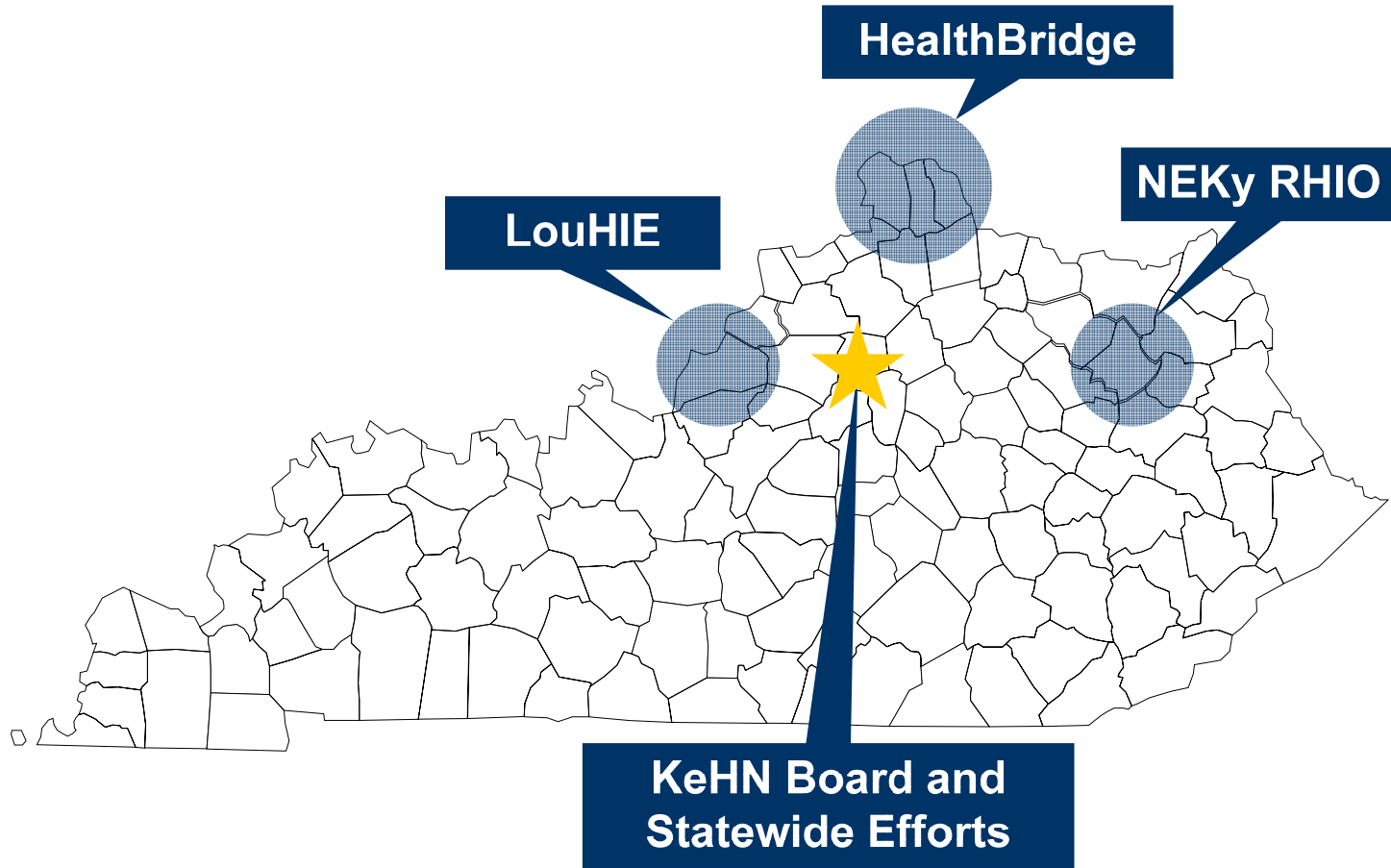
- Medicaid Transformation Grant Components
- Cabinet Health Interchange System Capital Request
- Existing System or Payor Funding
- CDC Situational Awareness Contract Proposal
- NHIN Trial Implementation II Contract Proposal

Kentucky Cabinet for Health and Family Services, July 2007

# Kentucky Electronic Health Network: State & Community Collaboration



# Kentucky HIE Efforts



# Kentucky e-Health Action Plan

- 1. Foster improvement in quality of care and health outcomes while containing health care costs**
- 2. Facilitate statewide health information exchange**
- 3. Foster consumer empowerment through HIT and HIE**
- 4. Foster increased use of information technology**
- 5. Facilitate and collaborate with local HIE Efforts**
- 6. Collaborate with federal and interstate eHealth efforts**
- 7. Link e-Health with economic development efforts**

# Questions?

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