

Kentucky Health Information Exchange (KHIE)

**e-Health Network Board
2/02/2011**



HIE Defined

Health Information Exchange:

The electronic movement of health-related data and information among organizations according to agreed standards, protocols, and other criteria (ONC)



ARRA Funding

State HIE Cooperative Agreement

- Strategic & Operational Plan submitted August 27, 2010
- ONC must approve plan before operational funds will be made available
- Kentucky expected to receive \$9.75M



KHIE GOAL

Provide HIE Connectivity
to as many providers as possible
over the next two years
with little or no startup cost to the
providers



KHIE and CHFS Cabinet Resources

- KHIE is the resource for Cabinet data
 - 2 years of Medicaid Claims Data currently available in production with nightly data load updates
- State Laboratory Results
 - Newborn Screenings
 - All other legally available state lab tests available
 - Currently in testing mode with the two lab vendors
- Immunization Registry
 - In production in pilot stage
 - Currently in design phase to connect the Immunization Registry to the KHIE
- Future interfaces with Public Health planned



Current Work & Progress(!)

- Live:
 - Pikeville Medical Center
 - Central Baptist Hospital
 - University of Kentucky Medical Center
 - Murray-Calloway Hospital
 - University of Louisville Medical Center
- Connectivity in progress:
 - Murray Vision Center Paducah
 - Kings Daughters Medical Center Ashland
 - Commonwealth Health Corporation Bowling Green
 - St. Joseph's Healthcare System
 - Regional Healthcare Affiliates Providence, Calhoun
 - Trover Foundation Madisonville
 - TJ Samson Hospital Glasgow
 - Methodist Hospital Henderson County
 - Harrison Memorial Hospital
 - Big Sandy Health Care Prestonsburg
 - Manchester Memorial Hospital
 - Lourdes Healthcare Owensboro



Current Work & Progress(!)

- Hardin Memorial Hospital Elizabethtown
- Saint Claire Medical Center Morehead
- Laurel Medical Associates London
- Highlands Regional Medical Center Prestonsburg
- Frankfort Regional Medical Center
- Fleming County Hospital
- Family Practice Associates of Lexington
- Ephraim McDowell Medical Center Danville
- Cardinal Hill Rehabilitation Hospital Lexington
- Bluegrass Mental Health & Mental Retardation Board
- Center for Orthopedic Services Madisonville
- Jewish Hospital & Saint Mary's Healthcare Louisville
- Baptist Healthcare System
- Pikeville Medical Center
- Appalachian Regional Healthcare
- Lexington Fayette County Health Department
- Pediatric Associates of Frankfort



Current Work & Progress(!)

- Wayne County Hospital
- Breckinridge Hospital
- Rockcastle County Hospital
- Jennie Stuart Medical Center Hopkinsville
- Twin Lakes Regional Medical Center Leitchfield
- Quantum Healthcare Hazard
- Hometown Family Care Prestonsburg, Paintsville
- Office of Veterans Affairs (Long Term Care)
- Dr. Carl Smith Harlan
- Dr. George Griffith Mount Vernon
- Family Medicine Clinic of Danville
- Monticello Medical Management



KHIE Connectivity in Progress

- In addition to the hospitals connecting to KHIE, we have the following connections in progress:
 - State Lab data*
 - Private lab data (Labcorp, Quest, LabDX, Cumberland Lab)
 - KY Cancer Registry
 - Immunization Registry
 - Public Health Disease Reporting
 - Trauma Registry
 - EMR vendors
 - Kentucky RHIOs (Healthbridge, NeKyRHIO, LouHie)
 - (Possibly) KASPER

Benefits to KHIE Participation

- Real-Time Information
 - Detailed patient summary
 - RX/Medication History
 - Laboratory Results
 - Encounters
 - Clinical Rules that alert ‘Opportunities for Care’
 - Allergy and Drug to Drug Interaction Alerts
 - Radiology Reports and Images

Medicaid Incentive Payments

4 Hospitals paid	\$6.12 million
3 more to be paid	\$1.95 million
10 Providers paid	\$212,000
26 more to be paid	<u>\$552,500</u>
	total \$8.83 million

18 hospitals registered for payment
228 providers registered for payment

**More information on the KHIE can
be found on the Governor's Office
of Electronic Health Information
website at**

<http://chfs.ky.gov/os/goehi/>

