



KENTUCKY

HEALTH INFORMATION EXCHANGE

Connecting Kentucky. Improving Healthcare.

**DYNAMIC AND POWERFUL
INFLUENCING THE WAY HEALTHCARE IS
PLANNED, COORDINATED, AND DELIVERED.**

As the state designated health information exchange, KHIE strives to be the single, trusted source of patient health information aggregated from all participating providers across the Commonwealth.

KHIE is a healthcare game changer.

KHIE is a robust, interoperable health information exchange network. More than 100 hospitals and approximately 2500 ambulatory healthcare locations are connected through KHIE. This represents 5600 data feeds that offer healthcare providers secure access to essential patient health information from multiple sources. The value is recognized at the point of care, when healthcare providers can quickly access a comprehensive, more holistic view of a patient's health history.

This facilitation of information exchange empowers healthcare providers to improve the quality, safety, and efficiency of care. It can influence the way healthcare is planned, coordinated, and delivered. KHIE is a tool that, if utilized, could support improved health outcomes and reduce healthcare costs in Kentucky, including in the Commonwealth's rural areas.

KHIE INITIATIVES

eHealth Exchange

Member of eHealth Exchange ensures future access to the following data:

- Veterans
- DOD
- SSA
- Carequality

Heartland Patient Centered Data Home

Multi-state data exchange collaboration

- Seven HIEs collaborating to share patient information centered around where the patient resides

KHIE PARTICIPANTS HAVE ACCESS TO THE FOLLOWING TYPES OF DATA

Patient Demographics

**Lab Results
(and Pathology)**

Transcribed Radiology Reports

Other Transcribed Reports

Summaries of Care

**ADTs: Admit, Discharge,
& Transfer Data**

Immunizations

Behavioral Health Data

**Health Data from Correctional
Facilities**

EMS Data



A MORE DYNAMIC AND POWERFUL HIE

Your ability to deliver patient-centered care improves dramatically when using KHIE, the single tool through which the Commonwealth's healthcare providers can share vital health information in any healthcare setting that will, over time, positively influence the efficacy and delivery of healthcare in Kentucky. KHIE's enhanced features will enable users to more easily and effectively streamline workflow and have data when and where it's needed - all to improve the overall health of the Commonwealth.



ENHANCED FUNCTIONALITY

Event Notifications

Offers the ability to inform providers about specific healthcare events that have occurred with specific patients in their care.

ePartnerViewer, KHIE's Customizable Health Record

Offers users the ability to customize the display of essential patient data in a functional and easy-to-use format.

KASPER Integration

Offers KASPER users the ability to view KASPER data in KHIE.

Immunization Query

Offers users the ability to view the Kentucky Immunization Registry (KYIR) information directly from their electronic medical/health record system.

KHIE MENU OF SERVICES

SERVICE

DESCRIPTION

KHIE'S PLATINUM SERVICE

Health Information Exchange via Integration with Electronic Record Systems

Featuring access to:

- Real-time clinical data
- PDMP
- Medicaid Claims Data

KHIE implements an HIE interface to push/pull data between the HIE and the KHIE Participant's electronic medical record (EMR)/electronic health record (EHR) system. KHIE supports Cross-Enterprise Document Sharing (XDS.b) and Cross-Community Access (XCA) IHE framework standards.

Healthcare providers can query KHIE from within their EMR/EHR to quickly access the patient health information from multiple healthcare sources (other Participants such as hospitals, physician practices, and clinics). Authorized users of KASPER will be able to view KASPER data in KHIE.

Data integration into EMR/EHR patient charts is available, depending on the Participant's system capabilities.

EVENT NOTIFICATIONS SYSTEM

Partnering with KHIE for Event Notifications can keep providers 'in the know' as their patients transition from various healthcare settings back to the practice. The use of Event Notifications to inform healthcare providers when a patient is admitted to or discharged from an Emergency Department, for example, supports care coordination across disparate providers.

In order to receive notice of these events, KHIE requires you to supply a list of patients that you desire to monitor.

DIRECT SECURE MESSAGING

Direct Secure Messaging is the simple and secure way for providers to send authenticated and encrypted patient health information (PHI) to known and trusted recipients over a secure and encrypted network. Providers can utilize KHIE's Health Information Service Provider (HISP) and Direct Secure Messaging web portal, CareAlign, to improve care coordination efforts.

KHIE host a Direct Email Catalog where healthcare providers can submit and share their Direct Secure email address with the community at large. Participants can utilize this tool to search for referral partners across the Commonwealth and bordering states.

CLINICAL DATA REGISTRY REPORTING

KHIE supports Clinical Data Registry reporting objectives for Promoting Interoperability.

Health Information Exchange

KHIE Participants in active engagement with KHIE's Platinum Service can utilize the Kentucky Health Information Exchange as a Clinical Data Registry.

Advance Directive Registry

Available for healthcare providers who want to send an advance directive document via Direct Secure Messaging to the registry.

KHIE MENU OF SERVICES

SERVICE

DESCRIPTION

ePartnerViewer

The ePartnerViewer is a view-only portal that offers healthcare providers a view of patient clinical data from multiple healthcare sources.

Features:

- Real time clinical data
- PDMP
- Medicaid Claims Data

The customizable display of essential patient data is in a functional and easy-to-use format that results in real-time information at your fingertips.

Login through the Kentucky Online Gateway (KOG) OR

Single Sign On (SSO) functionality allows you to launch the ePartnerViewer in your EMR/EHR.

PUBLIC HEALTH REGISTRIES AND REPORTING

KHIE serves as the data intermediary for healthcare providers seeking to electronically submit immunization data, syndromic surveillance data, cancer case reporting, and communicable disease reporting. As the designated public health authority in Kentucky, KHIE supports objectives for Promoting Interoperability and QPP.

Immunization Query

Immunization Query allows healthcare providers the ability to look at the Kentucky Immunization Registry (KYIR) information directly from their electronic medical/health record system. This connection eliminates the need to navigate to the KYIR website separately and log in; therefore, more quickly informing the provider of the critical immunization information.

Immunization Delivery

In Kentucky, we strive to achieve a single source for immunization information. The KYIR provides healthcare providers with up-to-date patient immunization history, which can help reduce vaccine-preventable diseases and over-vaccination.

Reportable Labs (ELR)

Electronic Laboratory Reporting (ELR) is the automated reporting of communicable diseases to the Kentucky Department of Public Health, in accordance with 902 KAR 2:020. The benefits of ELR include improved timeliness of reports and reduction of manual errors.

Syndromic Surveillance

Syndromic Surveillance is the use of data collection and analysis with the intent of detecting and monitoring trends or disease outbreaks. KHIE helps healthcare providers seeking to electronically submit syndromic surveillance data to the CDC National Syndromic Surveillance Program.

Kentucky Cancer Registry

The Cancer Registry records cases of cancer and other specified tumorous and precancerous diseases that occur in the state.

**HEALTHCARE'S BETTER WHEN IT'S
CONNECTED. CONNECT WITH KHIE TODAY.**



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khie.ky.gov

Phone: (502) 564-7992 EXT 2800

Email: khie@ky.gov