

KENTUCKY HEALTH INFORMATION EXCHANGE

Connecting Kentucky's Healthcare

Connecting Kentucky's Healthcare Community

Patients often receive care from multiple providers, hospitals, specialists, and clinics throughout their healthcare journey. The Kentucky Health Information Exchange (KHIE) connects these points of care by securely sharing health information across participating organizations, giving providers access to a more complete view of their patients.

By delivering timely clinical information and actionable insights, KHIE supports informed decision-making, improved care coordination, enhanced patient safety, and better health outcomes.



How KHIE Supports Better Care

- **Connects** information from healthcare organizations across Kentucky
- **Creates** a longitudinal patient record that follows the patient throughout the care continuum
- **Delivers** up-to-date clinical information at the point of care
- **Supports** care coordination across providers and care settings
- **Allows** easier identification of care gaps and at-risk populations
- **Simplifies** reporting and public health data exchange

Key Benefits		
 For Providers	 For Patients	 For the Healthcare System
• Access to longitudinal patient records • Reduced duplicative testing • Improved care coordination • Streamlined public health reporting • Supports value-based care initiatives	• Better coordinated care • Safer prescribing decisions • Fewer duplicate tests and procedures • Faster diagnosis and more informed treatment decisions • Privacy protections and consent controls	• Improved quality outcomes • Reduced administrative burden and costs • Better population health management • Enhanced public health surveillance and response

OVERVIEW OF KHIE SERVICES

KHIE Portal and Clinical Information Application

This is KHIE’s secure, web-based access to comprehensive patient records.

Access a comprehensive patient record that includes:

- Clinical notes
- Medications and allergies
- Laboratory and imaging results
- Immunizations
- Encounter history
- Discharge summaries

Support informed clinical decisions with information from across participating healthcare organizations.

POPULATION EXPLORER AND EVENT NOTIFICATIONS

Identify patients who need attention and stay informed about care events.	
Capabilities <u>include</u>: • Admission and discharge notifications • Care gap identification • Population health management • Quality reporting support • Follow-up and outreach prioritization	Event notification types <u>include</u>: • Hospital admission, discharge, and transfer • Emergency department admission • Behavioral health admission • Hospital readmission • Overutilization • Abnormal A1c result



Public Health Reporting

As Kentucky’s designated public health reporting authority, KHIE supports automated reporting of:

- **Electronic** lab reporting for reportable disease lab results
- **Electronic** case reporting of notifiable conditions directly from the EHR
- **Syndromic** surveillance from real-time ER monitoring for outbreak detection
- **Immunization** reporting via bidirectional exchange with Kentucky Immunization Registry