



**KHIE**

**KENTUCKY**

**HEALTH INFORMATION EXCHANGE**

---

Connecting Kentucky. Improving Healthcare.



Vital Statistics

Aging

Community Based Services

Medicaid

Public Health

Behavioral Health

Information Technology

KASPER

KHIE

HOSPITAL



eHealth Exchange



Lexington-Fayette Corrections



103 Hospitals



## KHIE Data Sets

ADT/Patient Demographics	Name, Address, Phone, DOB
Lab Results	Include any pathology results
Radiology Reports	Transcribed findings and recommendations
Other Transcribed Reports	Any other type of transcribed reports. Ex: Operative report, ED report, Cancellation Notice, H&P. ANY document that is transcribed that a hospital wants to send.
CCD/CCDA	<p>Summary of Care: Included when info is available in patient record</p> <p><u>Required</u></p> <ul style="list-style-type: none"><li>• Patient name *</li><li>• Current problem list *</li><li>• Current medication list *</li><li>• Current medication allergy list *</li><li>• Encounter diagnosis *</li><li>• Immunizations *</li><li>• Demographic information (preferred language, sex, race, ethnicity, date of birth) *</li></ul> <p><u>Optional</u></p> <ul style="list-style-type: none"><li>• Referring or transitioning provider's contact information (EP only)</li><li>• Procedures</li><li>• Laboratory test results</li><li>• Vital signs (height, weight, blood pressure, BMI)</li><li>• Smoking status</li><li>• Functional status, including activities of daily living, cognitive and disability status</li><li>• Care plan field, including goals and instructions</li><li>• Care team</li><li>• Reason for referral (EP only)</li><li>• Discharge instructions (eligible hospitals and CAHs only)</li></ul>
Medicaid Claims Data	Anything Medicaid or MCO has paid
Immunization	Anything available in WebIZ
Syndromic Surveillance	ADT and Diagnosis
Reportable Labs	Requirements from Public Health

# Number of Data Feeds

	Total	Hospital	Other
Immunization	1911	83	1828
ADT – Demographics	1002	101	901
Syndromic Surveillance	915	95	820
Lab Results	342	62	280
Reportable Lab	83	60	23
Radiology	40	35	5
Transcribed Notes	23	15	8
Platinum	330	33	297

95%

of hospitals  
submit data to  
KHIE

## Additional Contributors

EMS &  
Correctional Facilities

Behavioral Health



Khie.ky.gov

https://khie.ky.gov/Pages/index.aspx

Ky.gov An Official Website of the Commonwealth of Kentucky

SEARCH

**KHIE**  
KENTUCKY HEALTH INFORMATION EXCHANGE

CONNECT WITH KHIE | MEANINGFUL USE | NEWS AND RESOURCES | FAQS | DIRECT MESSAGING | EHEALTH SUMMIT | KHIE ALERTS

NEWS  
CALENDAR  
EHEALTH SUMMITS  
GLOSSARY OF TERMS  
HOT TOPICS  
KHIE LIVE CONNECTIONS MAP  
RESOURCES  
BEHAVIORAL HEALTH

EMERGENCY  
Main Entrance

EHR Incentives  
Eligible providers may qualify for incentives.  
Learn More

Meaningful Use  
Learn More

News and Resources  
Read recent press releases, view a provider map and more.  
Learn More

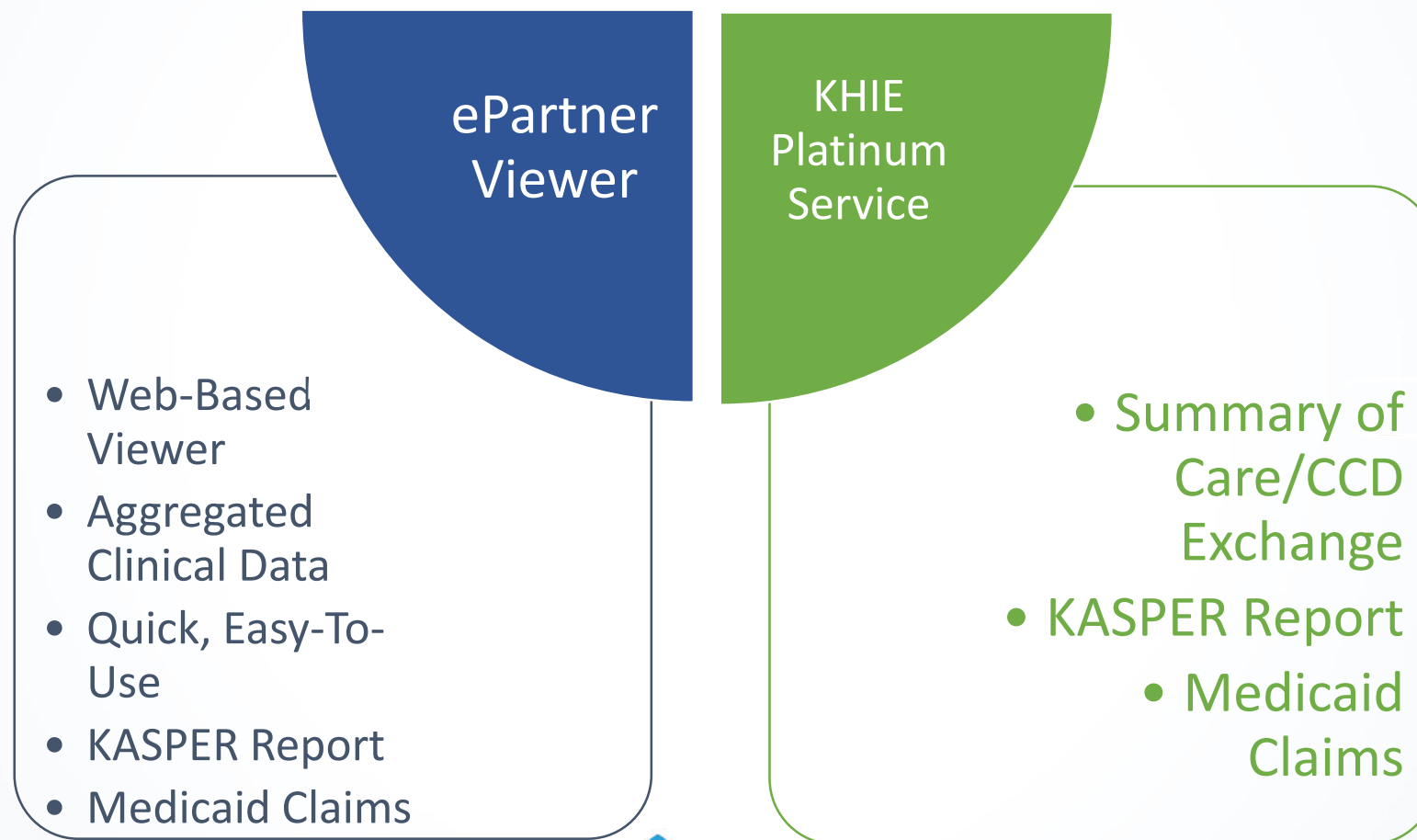
- [EHR Fact Sheet - Kentucky](#)
- [KHIE Annual Report - 2014](#)
- [Live on KHIE - List of Connected Facilities](#)
- [Sample Notice of Privacy Practices](#)
- Please read [more news](#)
- Please read about a [new](#)

Click here for list of connected facilities and a list of their data being submitted



Business Name	Point of Care	POC Type	County	Patient Demographics	Patient Demographics - Syndromic Surveillance	Laboratory	Laboratory - Reportable Diseases	Radiology	Transcriptions	Pathology	Immunizations	Cancer Registry	IHE Profiles - CCDA Query & Contribute
2020 Eyecare of London, PLLC	2020 Eyecare of London	Provider/Clinic	Laurel		X								
Advanced Chiropractic Care, PLLC	Advanced Chiropractic Care	Provider/Clinic	Rowan	X	X								
Alzai, Mohammad MD, Internal Medicine, LLC	Alzai, Mohammad MD	Provider/Clinic	Pulaski								X		
Albarea Health Services LLC	Albarea Health Services-ALL 4 KIDS	Provider/Clinic	Magoffin								X		
AI Children Pediatrics Holdings PLLC	AI Children Pediatrics	Provider/Clinic	Jefferson	X							X		
Allergy Asthma Sinus Center PLLC	Allergy, Asthma and Sinus Center - Danville	Provider/Clinic	Boyle	X									
Allergy Asthma Sinus Center PLLC	Allergy, Asthma and Sinus Center - Leasington - Monarch Road	Provider/Clinic	Fayette	X									
Allergy Asthma Sinus Center PLLC	Allergy, Asthma and Sinus Center - London	Provider/Clinic	Laurel	X									
Allergy Asthma Sinus Center PLLC	Allergy, Asthma and Sinus Center - Winchester	Provider/Clinic	Clark	X									
Allergy Asthma Sinus Center PLLC	Allergy, Asthma and Sinus Center - City Hill	Provider/Clinic	Laurel	X									
Allergy Care of Bowling Green, PSC	Allergy Care of Bowling Green	Provider/Clinic	Warren								X		
Ambulatory Care Services, PLLC	Saint Luke's Clinic dba Crompton Clinic	Provider/Clinic	Wolfe								X		
Amra's Family Practice Assoc PSC	Amra Family Medical Center	Provider/Clinic	Jefferson								X		
Amra's Family Practice Assoc PSC	Amra Family Medical Center - Dixie	Provider/Clinic	Jefferson								X		
Amra's Family Practice Assoc PSC	Amra Family Medical Center - Preston	Provider/Clinic	Jefferson								X		
Anderson, William B III, MD	Anderson, William B. MD	Provider/Clinic	Trigg								X		
Appalachian Regional Healthcare Inc	ARH Harlan	Hospital	Harlan	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH Hazard	Hospital	Perry	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH Mary Brockridge Hospital	Hospital	Letcher	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH McDowell	Hospital	Floyd	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH Middleboro	Hospital	Bell	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH Morgan County	Hospital	Morgan	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH Whitesburg	Hospital	Letcher	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH Williamson dba Tug Valley	Hospital	Pike	X	X	X	X	X					
Appalachian Regional Healthcare Inc	ARH-Reference Lab	LAB	Perry	X		X	X						
Appalachian Regional Healthcare Inc	Barbourville ARH Hospital	Hospital	Knox	X	X						X		
Ashland Hospital Corporation	Cardiology - KHI Ashland	Provider/Clinic	Boyd	X	X								
Ashland Hospital Corporation	KDMC - Burlington Urgent Care Center	Provider/Clinic	Out of State - OH	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Albarea (Salersville)	Provider/Clinic	Magoffin	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Grayson	Provider/Clinic	Carter	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Inez	Provider/Clinic	Martin	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Ironton	Provider/Clinic	Out of State - OH	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Jackson	Provider/Clinic	Out of State - OH	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Louisa	Provider/Clinic	Lawrence	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Portsmouth	Provider/Clinic	Out of State - OH	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Prestonsburg	Provider/Clinic	Floyd	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Sandy Hook	Provider/Clinic	Elliot	X	X								
Ashland Hospital Corporation	KDMC - Cardiology - KHI Vanceburg	Provider/Clinic	Lewis	X	X								
Ashland Hospital Corporation	KDMC - George Estham, MD	Provider/Clinic	Out of State - OH	X	X								
Ashland Hospital Corporation	KDMC - Grayson Pediatrics	Provider/Clinic	Carter	X	X								
Ashland Hospital Corporation	KDMC - Jackson Urgent Care Center	Provider/Clinic	Out of State - OH	X	X								
Ashland Hospital Corporation	KDMC - PM and R Portsmouth	Provider/Clinic	Out of State - OH	X	X								
Ashland Hospital Corporation	KDMC - Russell Walk-in Care Center	Provider/Clinic	Greensburg	X	X								
Ashland Hospital Corporation	KDMC Ashland Urgent Care Center	Provider/Clinic	Boyd	X	X						X		
Ashland Hospital Corporation	KDMC Burlington Family Care Center	Provider/Clinic	Out of State - OH	X	X						X		
Ashland Hospital Corporation	KDMC Cardiothoracic Surgery	Provider/Clinic	Boyd	X	X								
Ashland Hospital Corporation	KDMC Caledonia Family Care Center	Provider/Clinic	Boyd	X	X						X		
Ashland Hospital Corporation	KDMC Cedar Knoll Family Care Center	Provider/Clinic	Boyd	X	X						X		
Ashland Hospital Corporation	KDMC Cedar Knoll Pediatrics	Provider/Clinic	Boyd	X	X						X		
Ashland Hospital Corporation	KDMC Plateau Family Care Center	Provider/Clinic	Greensburg	X	X						X		

# Health Information Exchange



**KHIE**



# Clinical Data - ePartnerViewer

The screenshot displays the KHIE ePartnerViewer interface for a patient named Bill E. Ashland. The top navigation bar includes links for Patient Search, Bookmarked Patients, Notifications, Secure Messaging, and Support. The patient's profile shows they are 41 years old, with a DOB of 03/11/1978, sex M, and address MAN OWAR BLVD LEXINGTON KY 40502. The interface is divided into several tabs: Patient Summary, Medications & Allergies, Clinical Documents, Laboratory & Pathology, Results, Encounters, Immunizations, and Uncategorized. The Clinical Documents tab is active, showing a list of documents with columns for DATE and NAME. The Laboratory & Pathology tab is also visible, showing a list of tests with columns for COMPLETED DATE and NAME. The Radiology tab shows a single entry for a SHOULDER MIN 2V LT. The interface includes a 'Bookmarked' status and a 'View More' button. The KHIE logo is prominently displayed at the bottom center of the slide.

**KHIE** | ePartnerViewer

Patient Search    Bookmarked Patients    Notifications    Secure Messaging    Support

Home > Patient search > BILL E ASHLAND

**41** years old    **ASHLAND, BILL E**    Sex: M    Address: MAN OWAR BLVD LEXINGTON KY 40502    Bookmarked    View More

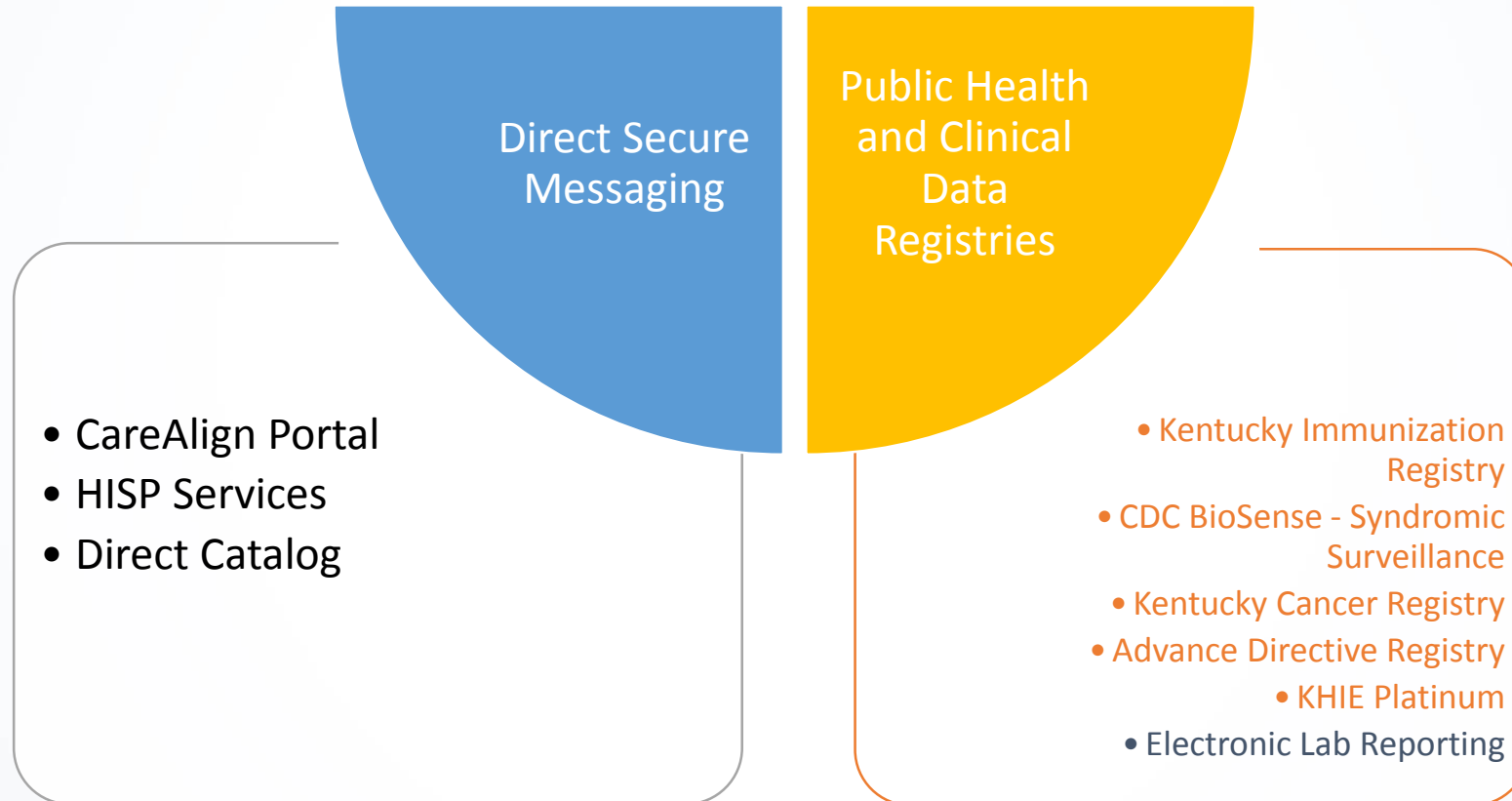
Patient Summary    Medications & Allergies    Clinical Documents    Laboratory & Pathology    Results    Encounters    Immunizations    Uncategorized

CLINICAL DOCUMENTS		PDMP PROGRAM	LABORATORY	RADIOLOGY
DATE	NAME	Restricted Access Authorized users must consent to the Terms of Use prior to viewing information contained in this record.	COMPLETED DATE	NAME
08/05/2019	Summary Note		09/08/2018	URINALYSIS
07/03/2019	Summary Note		09/02/2018	PROTIME-INR
07/03/2019	Summary Note		07/10/2013	Chemistry
09/08/2018	Laboratory Report		07/10/2013	Chemistry
09/07/2018	Visit Notification Note			
<a href="#">VIEW ALL CLINICAL DOCUMENTS</a>		<a href="#">VIEW PDMP REPORT</a>	<a href="#">VIEW ALL LABORATORY</a>	<a href="#">VIEW ALL RADIOLOGY</a>

PATHOLOGY    TRANSCRIBED REPORTS    UNCATEGORIZED    IMMUNIZATIONS



# Additional Services



# Public Health Reporting Authority

- Highway = Interface  
Lanes = Data Feeds
- ADT
  - Lab
  - Immunization
- Cars = Messages
- Patient Specific



**KHIE**

**KHIE**

Immunization  
Registry

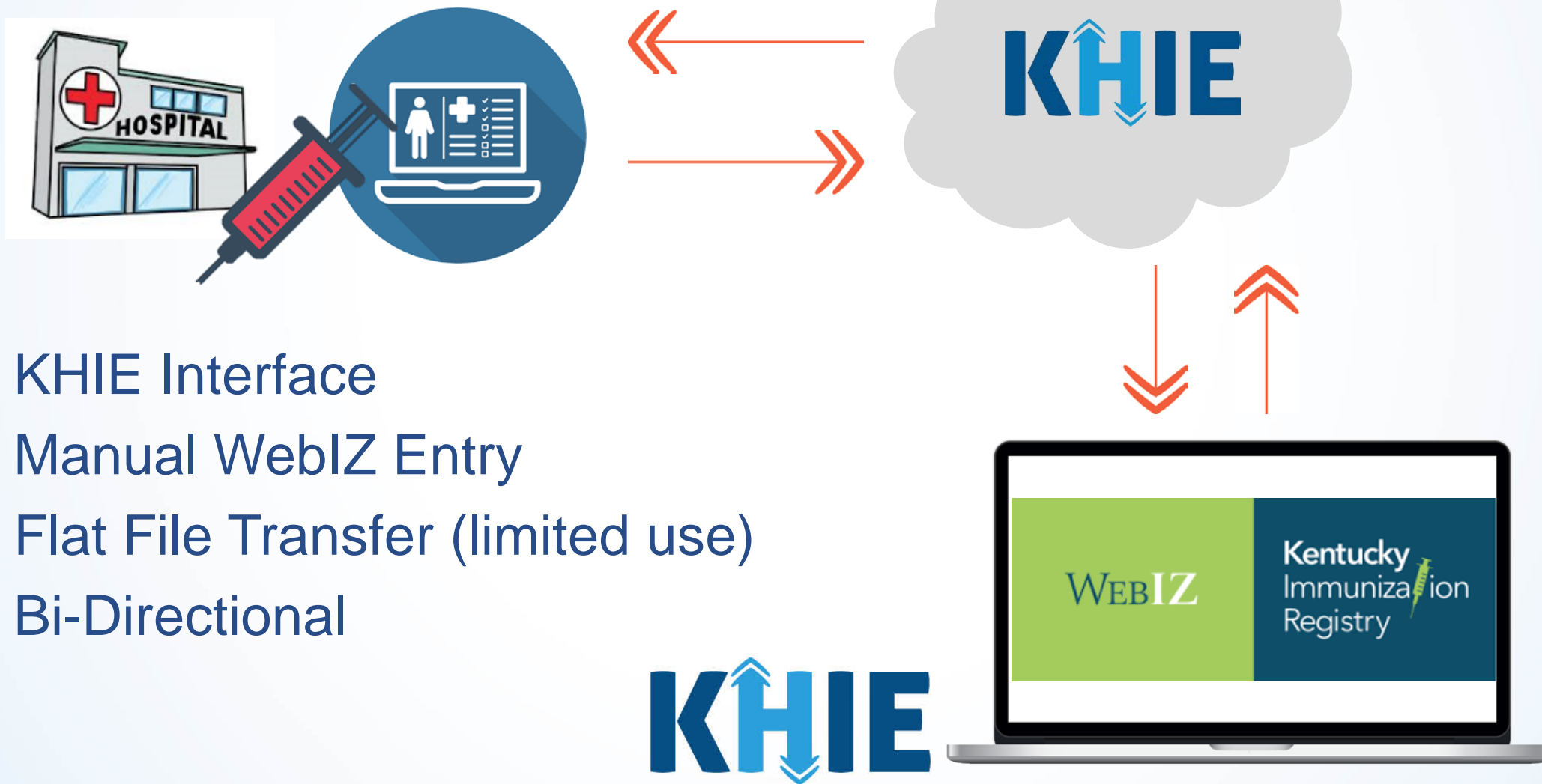
Cancer Registry

NEDSS  
(Electronic  
Lab Reporting)

Syndromic  
Surveillance



# Immunization Reporting

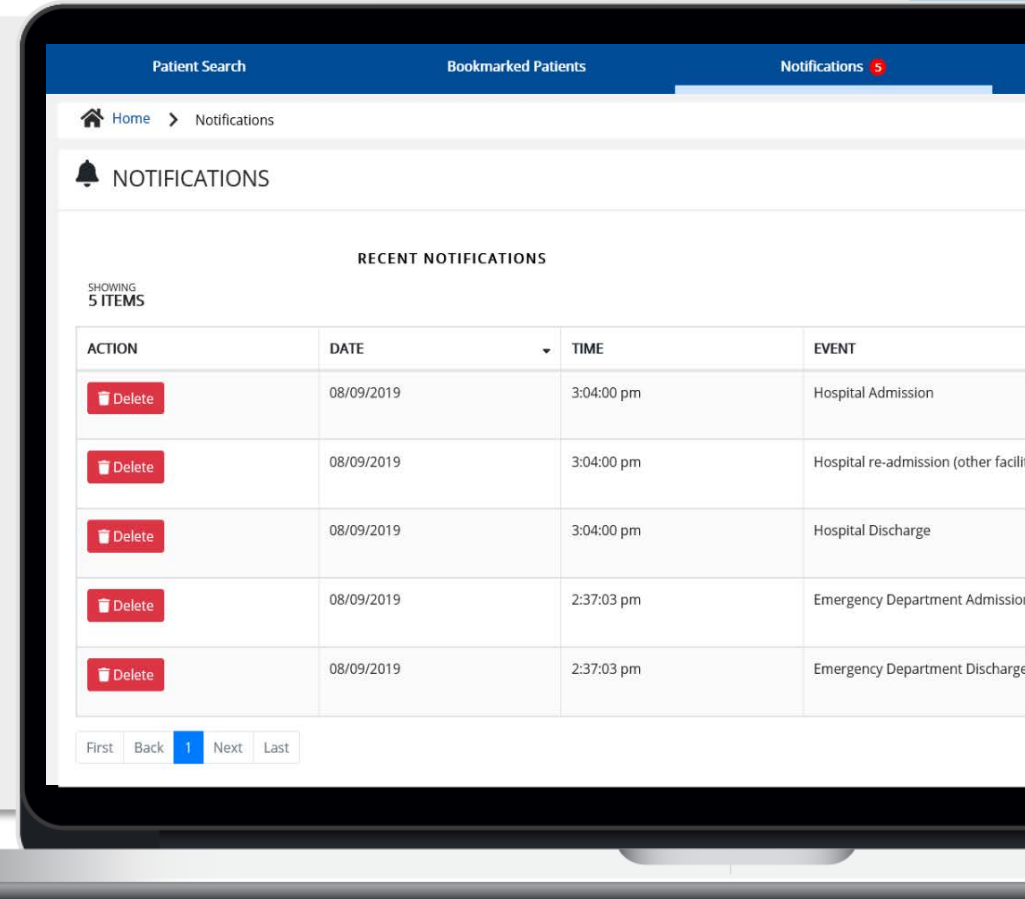


- KHIE Interface
- Manual WebIZ Entry
- Flat File Transfer (limited use)
- Bi-Directional

# Event Notifications

## Event Notifications

- Hospital Admission
- Hospital Discharge
- ED Admission
- ED Discharge
- ED Re-Admit w/in 30 Days to a different facility
- **Delivered INSIDE EHR or in ePartnerViewer**
- **Facility Identifies Patients to receive notifications from**



The screenshot shows a web application interface with a blue header. The header contains navigation links: "Patient Search", "Bookmarked Patients", and "Notifications 5". Below the header, there is a breadcrumb trail "Home > Notifications" and a bell icon followed by the word "NOTIFICATIONS". The main content area is titled "RECENT NOTIFICATIONS" and indicates "SHOWING 5 ITEMS". Below this is a table with columns for "ACTION", "DATE", "TIME", and "EVENT". Each row in the table has a red "Delete" button in the "ACTION" column. The "DATE" column shows "08/09/2019" for all items. The "TIME" column shows "3:04:00 pm" for the first three items and "2:37:03 pm" for the last two. The "EVENT" column lists various hospital events. At the bottom of the table, there is a pagination control with buttons for "First", "Back", "1", "Next", and "Last".

ACTION	DATE	TIME	EVENT
Delete	08/09/2019	3:04:00 pm	Hospital Admission
Delete	08/09/2019	3:04:00 pm	Hospital re-admission (other facility)
Delete	08/09/2019	3:04:00 pm	Hospital Discharge
Delete	08/09/2019	2:37:03 pm	Emergency Department Admission
Delete	08/09/2019	2:37:03 pm	Emergency Department Discharge

# KASPER KHIE Integration

## Platinum

- Delivers KASPER Report as CCD

## ePartnerViewer

- Provides KASPER Report

## Direct Integration

- Provides KASPER Report in Prescribing Module



# Medicaid Claims

Viewable in ePartnerViewer and Platinum

Previous 4 Years

Anything Paid by MCO or Medicaid

- Claims
- Medicines
- Immunizations

Quality Use-Cases

- Care Gap Closures
- Attributed Patients

Additional Use-Cases

- Abuse Patients in Pediatric Populations
- ED Overutilization
- Substance Use



# 42 CFR Part 2

Substance and  
Alcohol Treatment  
Data

Special Opt-In  
Policies and  
Procedures

All Community  
Behavioral Health  
Centers Submitting

Available in  
ePartnerViewer  
and via Platinum



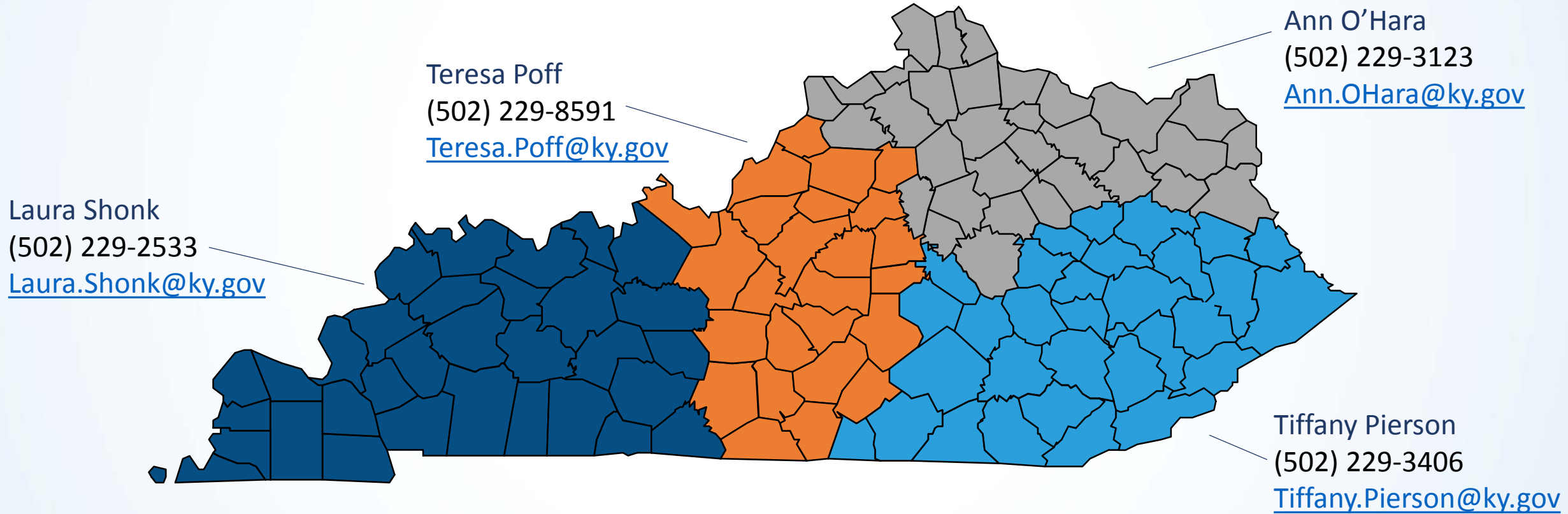


# Provider Assistance Program

- \$8,000 per Business with EP (Pharmacists Included)
- \$15,000 per Hospital
- Dec. 10 – June 30, 2020.
- Rolling Approvals
- Provided to facilities who demonstrate need for financial assistance in connecting to KHIE for public health reporting
- KHIE does NOT charge for services, these are meant to offset expense of EHR, IT work or interface development



# Outreach Coordinators





**KHIE**

**KENTUCKY**

**HEALTH INFORMATION EXCHANGE**

---

Connecting Kentucky. Improving Healthcare.