Connecting Kentucky: Facilitating Immunization Data Reporting with KHIE
Kentucky Health Information Exchange

**WHAT IS KHIE?**

The Kentucky Health Information Exchange (KHIE) is the state designated health information exchange. KHIE is the data intermediary in Kentucky for health care providers seeking to electronically submit patient immunization data to KYIR.

**KHIE DATA INCLUDES:**

- Patient demographics
- Lab and pathology results
- Transcribed reports
- **Immunization data**
- Summaries of care
- Admit, discharge, and transfer data
- Behavioral health data...*and more!*

KHIE facilitates critical public health reporting by sending accurate and comprehensive data to various public health registries, including KYIR.
The Kentucky Immunization Registry (KYIR) is a Web-based, statewide system that collects and reports immunization data across a variety of metrics. The system protects data quality and combines individual immunization information into a single, accurate record. KYIR can receive and send data securely to ensure privacy, confidentiality and accuracy through the Kentucky Health Information Exchange (KHIE).

Overall Types of KYIR Contributors

- Clinics
- Hospitals
- Mobile Clinics
- Pharmacies
- Home Health
- Long Term Care
KHIE Facilitates Immunization Data

**SUBMIT IMMUNIZATION DATA**
Any Authorized Provider that administers any type of immunization (influenza, pneumococcal, HPV, chickenpox, shingles, etc.) can submit electronically to the immunization registry.

Facilitates the electronic **reporting** of immunization data through **manual entry**.

**QUERY IMMUNIZATION DATA**
Any Authorized Provider that wants to receive immunization forecasts and histories from the public health immunization registry/immunization information system (IIS) can query the immunization registry.

Facilitates the electronic **exchange** of immunization data through **QBP**.
Immunization Data Highlights

2021 YTD IMMUNIZATIONS AND QUERIES

FAST FACTS

3,000 + Participants Onboarded to Contribute Data to KHIE-KYIR

7.5 Million + Immunization Messages Submitted in 2021

13 Million + Queries Submitted in 2021
KHIE COVID Response

REPORTING REQUIREMENTS

KHIE rapidly implemented solutions to keep pace with the evolving requirements set forth by the CDC, regarding the vaccine reporting requirements for COVID-19. The KYIR and KHIE teams can confirm that your COVID-19 vaccine messages have been received and can validate that the CDC required fields are appropriately structured.

*KHIE also facilitates the exchange of COVID-19 tests through NEDSS, the National Electronic Disease Surveillance System, to fulfill public health reporting requirements.
Benefits of KYIR-KHIE Integration

KHIE is instrumental to the KYIR Patient Population for 4.7 million patients – vaccination records from birth to death. The benefits of this integration include:

- Facilitate access to **accurate patient data**
- Communicate with **NEDSS, ePartnerViewer, and CDC**
- Follow **CDC directives** and abide by **AIRA recommendations**
- Pull **accurate demographical data** on Immunization rates
- Increase **Immunization coverage**
- Track **COVID-19 vaccination data**
- Share data with adjoining states and other jurisdictions
Learn More About KHIE

Visit kchie.ky.gov to learn more. You can also email us at KHIE@ky.gov to begin the connection process or call us at 502-564-7992 EXT 2800.