# What is the Kentucky Immunization Registry?

- The Kentucky Immunization Registry (KYIR) is an Immunization Information System

- It is a web-based, statewide immunization registry for Kentucky residents

- Information is collected and reported by participating providers

- It receives and processes electronic immunization information in real-time via the Kentucky Health Information Exchange (KHIE)

- The registry maintains a record of immunizations throughout an individual's lifespan

Immunization Information Systems

- Immunization information systems (IIS) are confidential, population-based, computerized databases that record all immunization doses administered by participating providers to persons residing within a given geopolitical area. They help providers, families, and public health officials by consolidating immunization information into one reliable source.

- At the *point of clinical care*, an IIS can provide consolidated immunization histories for use by a vaccination provider in determining appropriate client vaccinations.

- At the *population level*, an IIS provides aggregate data on vaccinations for use in surveillance and program operations, and in guiding public health action with the goals of improving vaccination rates and reducing vaccine-preventable disease. IIS helps immunization programs identify populations at high risk for vaccine-preventable diseases and target interventions and resources efficiently.

- IIS combines immunization information from different sources into a single record. It also provides official immunization records for school, daycare, and camp entry requirements.

KYIR Data Flow
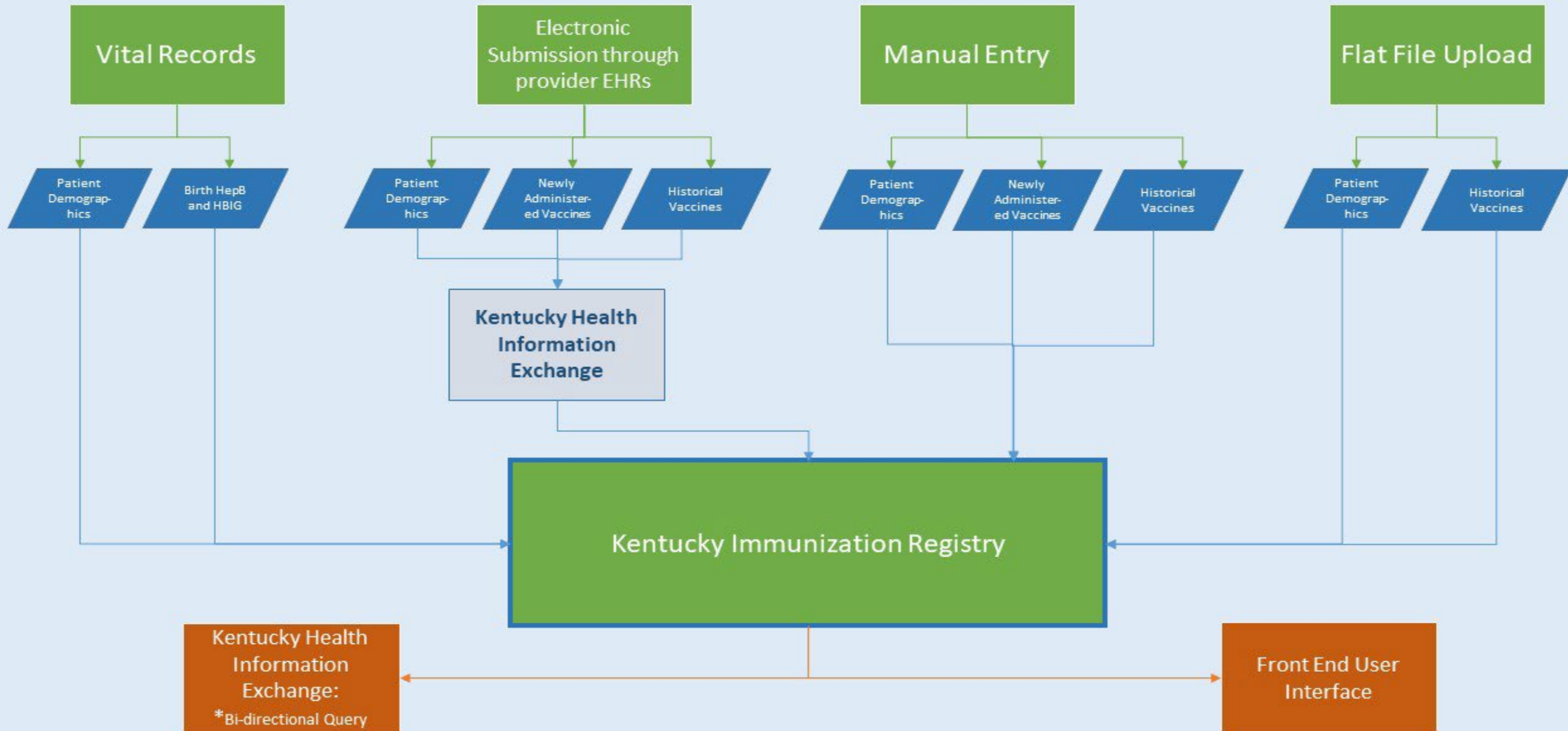
Required Data Elements for Providers Submitting Electronic Data to KYIR

The Kentucky Department for Public Health requires the inclusion of the following data points in incoming HL7 messages to ensure our statewide immunization information system, KYIR, is accurate and complete.

When documenting immunizations, these data points must be accurately and consistently recorded in the provider's electronic health record

Required for Newly Administered Immunizations

- Vaccine Administering Provider
- Vaccine Dose Volume and Unit
- Vaccine Manufacturer Name
- Vaccine Lot Number
- Vaccine Expiration Date
- Vaccine Route of Administration
- Vaccines for Children (VFC) Eligibility
- Vaccine Funding Source
- Vaccine Information Statement Given Date
- Patient Race
- Patient Ethnicity
- Vaccine Product Type Administered

- Patient First Name
- Patient Middle Name
- Patient Last Name
- Patient Address
- Patient Phone Number
- Patient Mother's First and Last Name (if child or adolescent)
- Responsible Person's First and Last Name (if child or adolescent)
- Patient Birth Date
- Patient Sex
- Vaccination Administration Date

Required for Historical Vaccinations

- Patient First Name

- Patient Middle Name

- Patient Last Name

- Patient Address

- Patient Phone Number

- Patient Mother's First and Last Name

  (if child or adolescent)

- Responsible Person's First and Last Name

  (if child or adolescent)

- Patient Date of Birth

- Patient Sex

- Patient Race

- Patient Ethnicity

- Vaccine Product Type Administered

- Vaccination Administration Date

- Vaccine Dose Volume and Unit

Are there benefits to using the registry?

Using the Kentucky Immunization Registry

- Can help increase vaccination rates by identifying disparities in coverage

- Alerts providers of upcoming or overdue vaccinations that can assist with patient scheduling

- Provides measurable coverage rates that can aid in public health responses to outbreaks of vaccine-preventable diseases

- Helps facilitates with vaccine management and accountability through use of reports and assessment programs

How can I participate?

ENROLLMENT
Who Can Enroll in the Registry?

Medical Clinics

Hospitals

Pharmacies

Schools

Enrollment Forms for: Medical Clinics, Hospitals, Pharmacies and Staff

Clinics: 2023 KYIR Enrollment Form

**Facilities:** 2023 KYIR Business Agreement

Users: KYIR User Account Form 2023

School Enrollment Forms

2023 KYIR School Enrollment (complete one per school location)

2023 KYIR Business Agreement (complete one per clinic/facility/school district for public schools/one per facility for private schools)
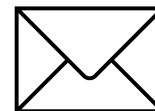
KYIR User Account Form 2023 (complete one per log in user)

What Can Users Do in the Registry?

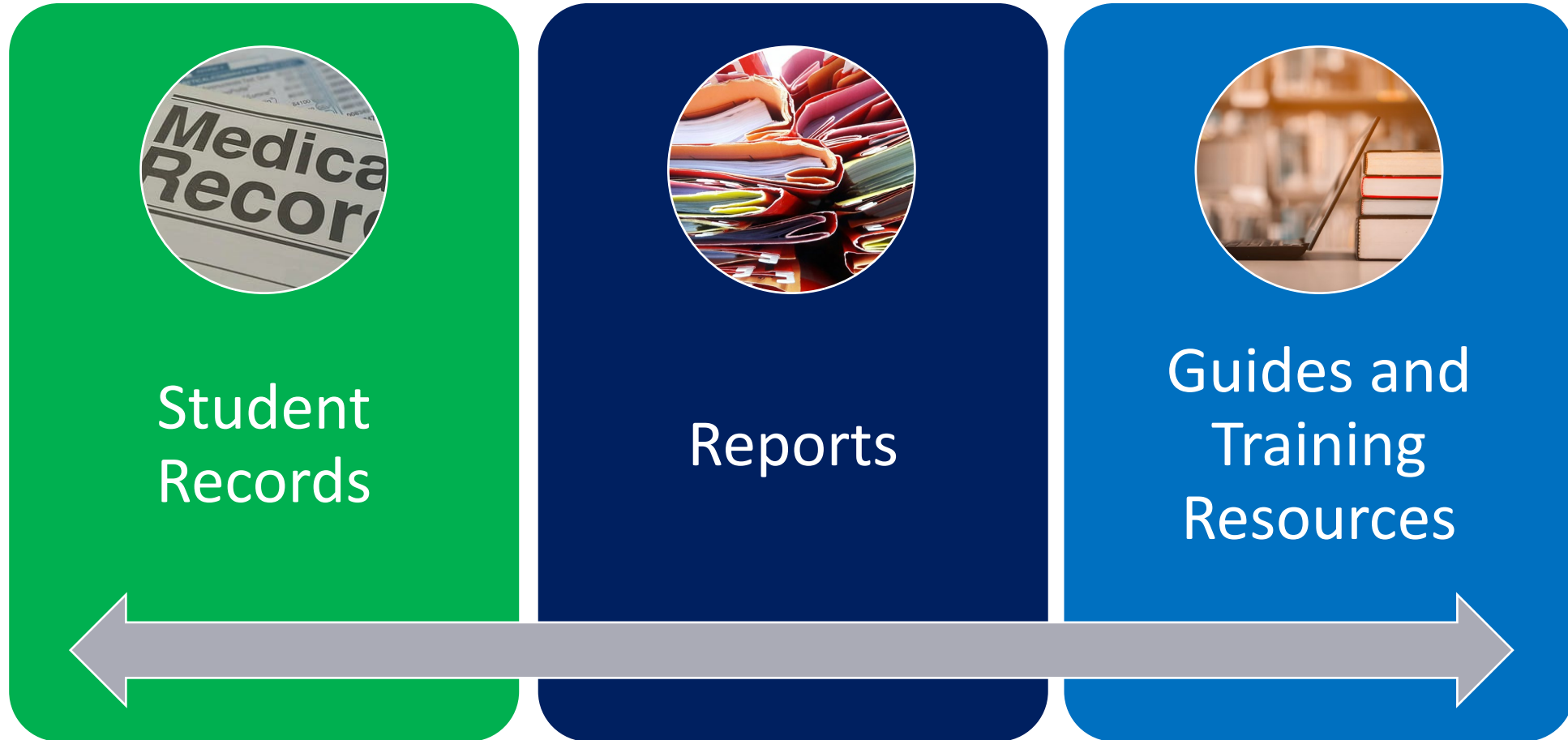| Enter Vaccines	Order VFC & 317 program Vaccines	Trainings and resources	Patient Records
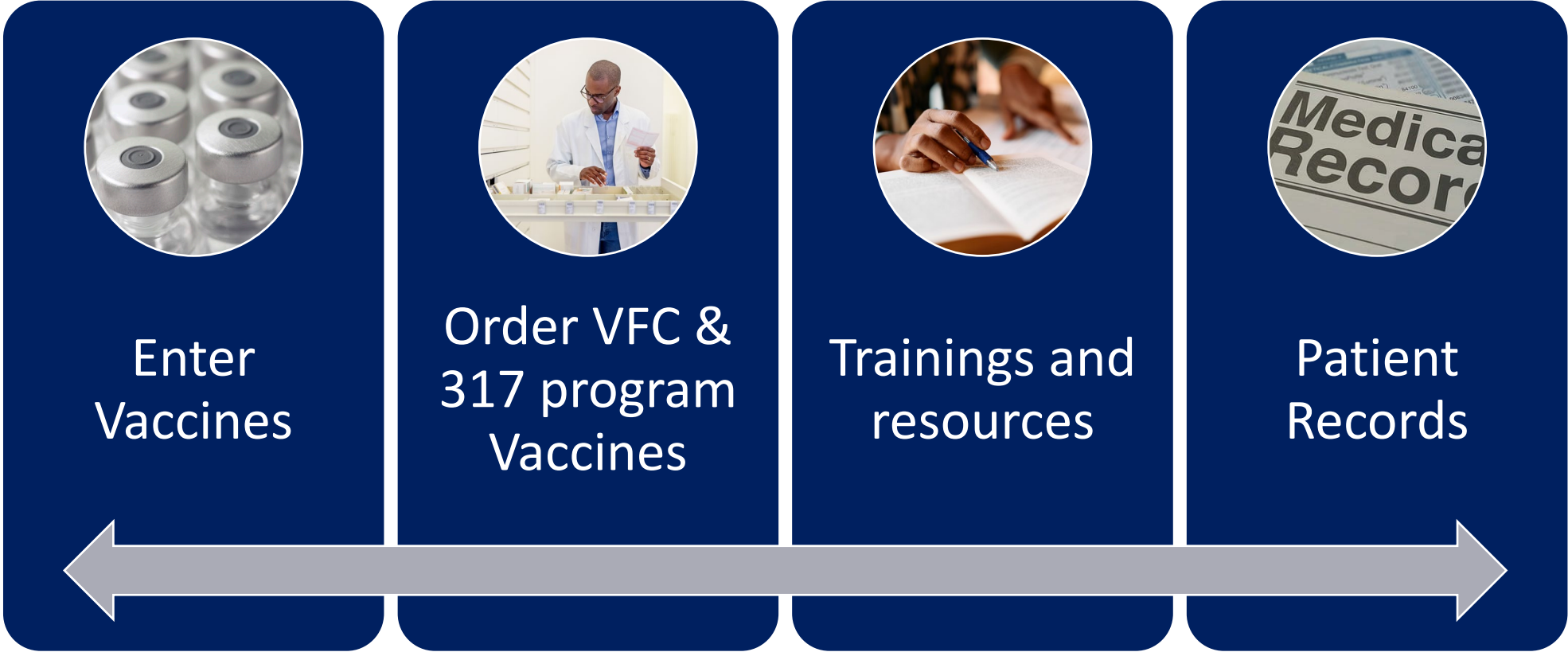
Accessing the Registry as a User

🛡 Clinical staff (hospitals and clinics), health department staff, pharmacy staff, and others deemed eligible by the Immunization Branch and the registry team can **access KYIR through a User Account**

🛡 **A user must be associated with an enrolled facility**

🛡 User Accounts are created when the **CHFS 219 form** is received

🛡 User accounts allow access to respective immunization information for the associated clinic or site and their patients

CHFS-219 Forms

https://www.chfs.ky.gov/agencies/dph/dehp/idb/Pages/kyir.aspx ➡ ✉ KYIRHelpdesk@ky.gov

What Can School Nurses Access in the Registry?

Student Records

Reports

Guides and Training Resources

**School nurses are ONLY able to enter vaccinations if they have written permission**

School Nurses with Signed Consent

- School nurses can add historical vaccinations with **written permission**.

- The privacy of student education records is protected by FERPA.

- School nurses may delete any vaccine that they have added.

  - ➤ Do not use the "Invalidate Dose" option

Update And Return
- Delete
- Update
- Invalidate ❌
- History
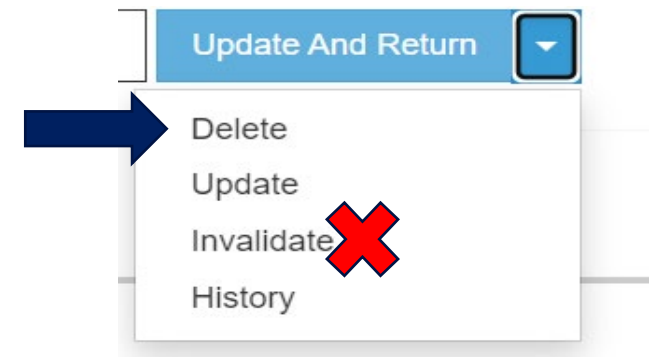
If a dose needs to be removed that was not added by the nurse there must be documentation showing this is an incorrect dose, then email the helpdesk to remove the dose.

KYIR Training and Information Resources

- KYIR users report either manually through the KYIR application or electronically through the Kentucky Health Information Exchange (KHIE).

- If your clinic/pharmacy uses an existing electronic interface (EHR) to enter vaccine data and the system has a live connection with KHIE, you are an electronic reporter.

- If your clinic/pharmacy does not have an existing EHR system or if your current EHR doesn't connect through KHIE, you are a manual reporter.

- For further information about provider requirements, please see the [User Guide for Electronic and Manual Reporters](#).

- [Tips on Logging in to KYIR (video)](#)

- [How to Print a Certificate from KYIR (video)](#)

- [How to Print a Certificate and Immunization Record from KYIR (guide)](#)

KYIR Training Webpage

This page provides links to training information for specific Kentucky Immunization Registry (KYIR) reporter types. KYIR users report either manually through the KYIR application or electronically through the Kentucky Health Information Exchange (KHIE).

If your clinic/pharmacy uses an existing electronic interface (EHR) to enter vaccine data and the system has a live connection with KHIE, you are an electronic reporter.

If your clinic/pharmacy does not have an existing EHR system or if your current EHR doesn't connect through KHIE, you are a manual reporter.

Follow the links under Additional KYIR Web Pages at right to find content specific to your reporting type.

For further information about provider requirements, please see the User Guide for Electronic and Manual Reporters 📄.

KYIR General Information

Tips on Logging in to KYIR (video)

How to Print a Certificate from KYIR (video)

How to Print a Certificate and Immunization Record from KYIR (guide) 📄

Additional KYIR Resources

KYIR Home Web Page

KYIR Manual Entry Providers Web Page

KYIR Electronic Reporting Providers Web Page

KYIR Application

KYIR Helpdesk

Contact the Helpdesk:
Monday – Thursday 8 a.m. – 4 p.m. Eastern time
Friday 8 a.m. – noon. Eastern time

Use the email option Friday from noon – 4 p.m. Eastern time
Phone: (502) 564-0038
Press 0 and tell the operator the general topic you need assistance with to be routed to the appropriate staff.

Email Helpdesk

KYIR Public Portal

Through the secure Kentucky Immunization Registry (KYIR) Public Portal you can obtain a copy of your immunization records

ON THE KYIR PUBLIC PORTAL, YOU CAN ACCESS:

DIGITAL COPY

A digital copy of your immunization records.

SCHOOL CERTIFICATE

For students under 18 years of age a digital copy of school certificates can be obtained.

COVID-19 SMART HEALTH CARD

A copy of your COVID-19 vaccination records or a SMART Health Card: A digital copy of your COVID-19 vaccination records that can be stored on a phone.

To access a copy of your immunization records from the KYIR Public Portal scan the QR code provided or visit:

chfs.ky.gov/KDPHMyVaxRecord

If you are unable to access your immunization records through the KYIR Public Portal please contact the KYIR Helpdesk at:

KYIRHelpdesk@ky.gov

Kentucky Immunization Registry Public Portal

The HELP tab provides further information as well as a link to the online form that can be submitted if there is an issue accessing account information.

When you are logged in to the Public Portal, you have the option of downloading your: full record, a School Certificate, your COVID-19 report, or the COVID-19 QR code.

KYIR - Access My Immunization Records

Kentucky Public Health
Prevent. Promote. Protect.

| ⬇ Download Full Record | ⬇ Download School Certificate | ⬇ Download COVID-19 Record | ▦ View COVID-19 QR Code |

SIMPSON, BART   DATE OF BIRTH: 04/05/2007   AGE: 16 years 1 months 4 days   GENDER: Male

! = Invalid Dose   🚫 = Dose determined invalid by provider

Dose #	Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
DTaP / TD / Tdap		
1	DTaP-IPV-Hib-HepB (Vaxeli	06/15/2007	0 years 2 months 10 days
2	DTaP-IPV-Hib-HepB (Vaxeli	08/18/2007	0 years 4 months 13 days
3	DTaP-IPV-Hib-HepB (Vaxeli	10/23/2007	0 years 6 months 18 days
4	DTaP (Infanrix)	07/07/2008	1 years 3 months 2 days
5	DTaP-IPV (Kinrix)	04/15/2011	4 years 0 months 10 days
6	Tdap, Adsorbed	04/05/2018	11 years 0 months 0 days
	Hep A		
1	Hep A, ped/adol, 2D	04/06/2008	1 years 0 months 1 days
2	Hep A, ped/adol, 2D	10/10/2008	1 years 6 months 5 days
	Hep B		
1	Hep B, ped/adol	04/05/2007	0 years 0 months 0 days
2	DTaP-IPV-Hib-HepB (Vaxeli	06/15/2007	0 years 2 months 10 days
3	DTaP-IPV-Hib-HepB (Vaxeli	08/18/2007	0 years 4 months 13 days
4	DTaP-IPV-Hib-HepB (Vaxeli	10/23/2007	0 years 6 months 18 days
	Hib		
1	DTaP-IPV-Hib-HepB (Vaxeli	06/15/2007	0 years 2 months 10 days
2	DTaP-IPV-Hib-HepB (Vaxeli	08/18/2007	0 years 4 months 13 days
3	DTaP-IPV-Hib-HepB (Vaxeli	10/23/2007	0 years 6 months 18 days
4	Hib, UF	04/06/2008	1 years 0 months 1 days
	MMR		
1	MMRV	04/06/2008	1 years 0 months 1 days
2	MMRV	04/15/2011	4 years 0 months 10 days

Kentucky Department for Public Health

Full Immunization Record

Immunization Record
Kentucky Immunization Registry

Retain this document as proof of immunization.

For appointment or information, contact your local county health department or your physician's office.

A vaccination health record helps you and your healthcare provider keep your/your child's vaccinations on schedule. If you move or change providers, having an accurate record might prevent you/your child from repeating vaccinations you have already had. A shot record should be started when you receive your first vaccination and updated with each vaccination visit. Bring this record to every visit.

If you have questions or need to know where you can get immunizations, call the Kentucky HELP Line at 1-502-564-4478.

Kentucky Cabinet for Health and Family Services
275 E. Main St. HS2E-B
Frankfort, KY 40621

Present this record at each medical visit.

Name BART SIMPSON (2528915)

Date of Birth: 04/05/2007

Precautions - Contraindications:

Vaccine Reactions:

Comments

Date	Note

Vaccines Refused

Date	Note

	Vaccine	Date Given	Doctor or Clinic	Date Next Due MM/DD/YYYY
	Other			
1				
2				
3				
4				
5				
6				

! = Invalid Dose, minimum age/interval not met. ⊘ = Dose determined invalid by provider

	Vaccine	Date Given	Doctor or Clinic	Date Next Due MM/DD/YYYY
	DTaP / TD / Tdap			
1	TaP-IPV-Hib-HepB (Vaxe	06/15/2007	PR	04/05/2028
2	TaP-IPV-Hib-HepB (Vaxe	08/18/2007	PR	
3	TaP-IPV-Hib-HepB (Vaxe	10/23/2007	PR	
4	DTaP (Infanrix)	07/07/2008	PR	
5	DTaP-IPV (Kinrix)	04/15/2011	PR	
6	Tdap, Adsorbed	04/05/2018	PR	
7				
	Polio			
1	TaP-IPV-Hib-HepB (Vaxe	06/15/2007	PR	
2	TaP-IPV-Hib-HepB (Vaxe	08/18/2007	PR	
3	TaP-IPV-Hib-HepB (Vaxe	10/23/2007	PR	
4	DTaP-IPV (Kinrix)	04/15/2011	PR	
5				
	Hib			
1	TaP-IPV-Hib-HepB (Vaxe	06/15/2007	PR	
2	TaP-IPV-Hib-HepB (Vaxe	08/18/2007	PR	
3	TaP-IPV-Hib-HepB (Vaxe	10/23/2007	PR	
4	Hib, UF	04/06/2008	PR	
5				
	Pneumococcal			
1	PCV13	04/06/2008	PR	04/05/2072
2				
	Rotavirus			
1				
	Hep A			
1	Hep A, ped/adol, 2D	04/06/2008	PR	
2	Hep A, ped/adol, 2D	10/10/2008	PR	
3				
	Hep B			
1	Hep B, ped/adol	04/05/2007	PR	
2	TaP-IPV-Hib-HepB (Vaxe	06/15/2007	PR	
3	TaP-IPV-Hib-HepB (Vaxe	08/18/2007	PR	
4	TaP-IPV-Hib-HepB (Vaxe	10/23/2007	PR	
5				
	MMR			
1	MMRV	04/06/2008	PR	
2	MMRV	04/15/2011	PR	
3				
	Varicella (CPOX)			
1	MMRV	04/06/2008	PR	
2	MMRV	04/15/2011	PR	
3				
	Meningococcal			
1	MCV4 (Menactra)	04/05/2023	PR	
2				
	HPV			
1				05/09/2023
2				
	COVID-19			
1	COVID Tris-Suc (PFR 12+	05/09/2023	PR	05/30/2023
2				
	Influenza			
1				05/09/2023
2				
	Travel			
1				

Print Date 5/9/2023 10:52:51AM

Page 1 of 1

Official School Certificate

COMMONWEALTH OF KENTUCKY
CERTIFICATE OF IMMUNIZATION STATUS

Name of Child: SIMPSON (Last)   BART (First)   (Middle)   (Suffix)   Birthdate: 04/05/2007 (MM/DD/YYYY)

Name of Parent: SIMPSON (Last)   MARGE (First)   (Middle)   (Suffix)

Address: 123 MAIN ST (Street)   SPRINGFIELD (City)   IL (State)   62629 (Zip Code)

VACCINE	DOSE 1 MM/DD/YYYY	DOSE 2 MM/DD/YYYY	DOSE 3 MM/DD/YYYY	DOSE 4 MM/DD/YYYY	DOSE 5 MM/DD/YYYY
Hepatitis B	04/05/2007	06/15/2007	08/18/2007	10/23/2007	
Alt. Adult Hepatitis B[1]	__/__/__	__/__/__			
DTaP/DTP/DT[2]	06/15/2007	08/18/2007	10/23/2007	07/07/2008	04/15/2011
Hib[3]	06/15/2007	08/18/2007	10/23/2007	04/06/2008	
Pneumococcal	04/06/2008	__/__/__	__/__/__	__/__/__	
Polio	06/15/2007	08/18/2007	10/23/2007	04/15/2011	__/__/__
Influenza	__/__/__	__/__/__			
MMR	04/06/2008	04/15/2011			
Varicella	04/06/2008	04/15/2011	Had Chickenpox or Zoster Disease Yes [ ] No [X] __/__/__		
Hepatitis A	04/06/2008	10/10/2008			
Meningococcal	04/05/2023	__/__/__			
Td	__/__/__	__/__/__			
Tdap	04/05/2018	__/__/__			
Rotavirus	__/__/__	__/__/__	__/__/__		
HPV	__/__/__	__/__/__	__/__/__		
Men B	__/__/__	__/__/__	__/__/__		
Pneumococcal (PPSV23)	__/__/__	__/__/__			

(1) Alternative two dose series of approved adult hepatitis B vaccine for adolescents 11 through 15 years of age. (2) DTaP, DTP, or DT. (3) Hib not required at 5 years of age or more.

[X] This child **is current** for immunizations until 04/19/2028, (14 days after the next shot is due) after which this certificate is no longer valid and a new certificate must be obtained.

[ ] This child **is not up-to-date** at this time. This certificate is valid until __/__/___, (14 days after the next shot is due) after which this certificate is no longer valid, and a new certificate must be obtained.

Reason child is not up-to-date:

[ ] Provisional Status - Child is behind on required immunizations.

[ ] Medical Exemption - The following immunizations are not medically indicated: _____

_____

If Medical Exemption, can these vaccines be administered at a later date? No: ____ Yes: ____ Date: __/__/__

[ ] Religious Objection

Pursuant to 902 KAR 2:060 § 4(3), a signature is not required
as this Certificate was printed from the Kentucky Immunization Registry

This certificate should be presented to the school or facility in which the child intends to enroll
and should be retained by the school or facility and filed with the child's health record.

Kentucky UNBRIDLED SPIRIT

(Rev 8/2017)

COVID-19 record

COVID-19 Smart Health QR Code

Name
BART SIMPSON

Date of Birth
04/05/2007

05/09/2023
COVID Tris-Suc (PFR 12+)
PATIENT RECORD (PR)

Who to Contact For KYIR

Issue	Contact
Questions regarding your EHR connectivity with KYIR	CHFSOATSKYIR@ky.gov
Questions related to user or clinic accounts and requests for KYIR training	KYIRHelpdesk@ky.gov
Access to the KYIR public portal for vaccination records including digital copy, school certificates and Covid-19 smart health card	chfs.ky.gov/KDPHMyVaxRecord

Additional KYIR Resources

- KYIR Home Web Page

- KYIR Manual Entry Providers Web Page

- KYIR Electronic Reporting Providers Web Page

- KYIR Application

- Release of Patient Immunization Record

Thank you!

KYIRHelpdesk@ky.gov

502-564-5833

Contact the Helpdesk

Monday-Friday 8:00 - 4:00

Contact KYVaxProvider@ky.gov for Provider Enrollment Information