

KSWebIZ HL7 Interface Information

Interested in Exchanging Data?

There are three ways to exchange data with the Kansas Immunization Registry and it is your agencies' choice on which exchange method you use.

Exchange Method	Send VXUs?	Registry Accept & Process VXUs?	Send QBPs?	Registry Accept & Process QBPs?	Need Additional Information About Exchanging Data?
1-1 with EMR/EHR	Yes	Yes	Yes	Yes	immregistry@kdeks.gov
Health Information Organization – Kansas Health Information Network (KHIN)	Yes	Yes	Yes; based on an ADT trigger from providers' local EMR/EHR	Yes	http://www.khinonline.org/contact-us
Health Information Organization – Lewis And Clark Information Exchange	Yes	Yes	No; slated for Fall 2015 release	No; the registry will be able to accept and process QBPs at the Fall 2015	http://lacie-hie.com/contact-lacie/

If you are interested in exchanging data with the Kansas Immunization Registry, please reach out to the respective contacts sites listed above. Also, here are a few tips to ensure you have all the information you will need when reaching out:

- Know what your EHR/EMR vendor is and a contact from the EHR/EMR vendor
- Know your EHR/EMR product and what version you currently have
- Know if your EHR/EMR product and version is capable of HL7 2.5.1 messaging exchange

On-boarding

The process of bringing a new agency on to the KSWebIZ through an EHR will be done in five phases:

1. Kick Off Meeting
2. Pre-Testing
3. Connectivity
4. Data Quality
5. Go-Live

Please be aware of the following:

- **MSH4 IDs and web server credentials are ONLY assigned once the pre-testing phase is complete**
- On-boarding is completed, tracked, and monitored in an external Kansas Immunization Program system called IV-4
- Clients who currently have direct entry access to KSWebIZ will lose that access effective the date they go live to KSWebIZ
 - This includes access to any reporting functions in KSWebIZ
- Dual access to KSWebIZ is not available
- Those clinics participating in the Vaccines for Children (VFC) program will keep their tokens and will be able to access KSWebIZ solely for the purpose of meeting VFC program monthly reporting and vaccine ordering requirements
- Due to reporting restrictions, VFC provider clinics can only change over (or go-live) on the 1st of the calendar month
 - VFC Provider clinics will have an additional 7 days before their token is converted to vaccine reporting and ordering
- **If you are on-boarding but not attesting for Meaningful Use, you may be placed in the queue behind those that are attesting for Meaningful Use**

With regard to hospitals... 96% of all births occurring in Kansas are recorded into KSWebIZ through a direct feed from Kansas Office of Vital Statistics. This information will include the child's legal name and the first HepB vaccination administered as part of the birthing process. Within a week's time, we will already have this information as part of our established process.

Since KSWebIZ already receives birth information and initial dose of HepB, **this information will need to be filtered out from the data feed to KSWebIZ.** If the child has been legally named and receives vaccinations other than the initial dose of HepB, then the information should be include in the KSWebIZ data feed. This also covers extended-stay patients.

Specifications

The Kansas Immunization Registry has been designed in compliance with CDC specifications. KSWebIZ went live in 2005 with HL7 capability added in 2007. Named KSWebIZ, the registry is fully capable of bi-directional communication using HL7 version 2.5.1. KSWebIZ supports HTTPS SOAP or POST transport. However, SOAP is preferred. KSWebIZ has two HL7 servers, testing and production. The testing server is identical to the production server in every way, including security.

CDC HL7 messaging specifications can be found at the following website: <http://www.cdc.gov/vaccines/programs/iis/technical-guidance/hl7.html>. In addition to the CDC guidelines, the Kansas Immunization Registries has supplemented these guidelines with our own documentation. When considering the electronic requirements of HL7 messaging, EHR coders need to make sure that CDC and Kansas specifications are considered. In cases where there are contradictions between the two specifications, the Kansas specifications shall take precedence.

Vaccination Codes

KSWebIZ adheres to the [CDC CVX code table](#). In accordance with [45 CFR 170.207](#); Vocabulary Standards for Representing Electronic Health Information, all participating EHR's are likewise required to use this data in their coding system. In addition to all Active codes being used, all Inactive CVX codes must be present as well in order to successfully report the CVX code associated to the vaccine at the time it was administered.

Meaningful Use

The Kansas Immunization Registry stands ready to work with providers capable of sending or exchanging HL7 2.5.1 messages (both bi-directional and uni-directional). For those wanting to meet the requirements of Meaningful Use, visit the following web site: http://www.kdheks.gov/health/meaningful_use/.