Addendum to the Envision Local Implementation Guide
Kentucky Immunization Registry (KYIR)

KY Addendum to the WebIZ Immunization Information System HL7 2.5.1 Local Implementation Guide
Document Version 5.1

Table 1.

Segment	Element Name	Registry System Usage	Code Tables / Notes
MSH-5	Receiving Facility	R	Set to: **KY0000** Any other value will be considered invalid, and the Registry will not process the message. It will return an ACK message with an Acknowledgement Code of "AR" indicating the message has been rejected.
MSH-6	Receiving Facility	R	Since the Immunization Registry covers the *Jurisdiction*, the only appropriate Receiving Facility codes is: **KY0000**
PID-11.7	Address Type	R	"M" for mailing is the only acceptable value in this field.
PID-11.9	County Parish Code	R	County name or FIPS code is required in this field.
PID-13	Home Phone Number	R	The state requires both a home/cell phone number as well as an email address in this field.
RXA-5	Administered Code	R	*Note: This requirement is for New Immunizations only.* The state requires both CVX and NDC codes in this field, and KYIR prefers that the CVX details appear in the first triplet and NDC details appear in the second triplet.
RXA-7	Administered Units	R	Currently the only value that is accepted by the state of Kentucky is "mL" for milliliters. Any other value sent will cause a warning message.
RXA-10	Administering Provider	R	*Note: This requirement is for New Immunizations only.* This shall be the WebIZ user (Provider) who administered the immunization. The Immunization Registry System will interpret the Unique ID (first component) of this field in the incoming message as the person's NPI (National Provider Identifier). If this matches a user within the Immunization Registry System associated with this clinic, then this user will be indicated in the Administered By field for the immunization. If a match cannot be found, the Immunization Registry System will return a warning but will continue to process the incoming message and will enter the prefix, name, and the suffix into the vaccination comments field.
RXA-11	Administered At Location	R	*Note: This requirement is for New Immunizations only.* The first component contains the location at which the vaccine was administered (if applicable). The default (null) value is the current census location for the patient. Site specific table. This

| | | | first component has the same form as *PV1-3-assigned patient location*. The second component can be used to specify an address. This could be used to fill mail orders to a patient or provider, or to account for home health care. RXA-11.4 has truncated address in all reviewed messages which may be clinic address, but is not complete and recognized by Postal Codes

For incoming messages, the Immunization Registry System has been updated to accept HL7 Facility Codes (in component 4 of this field) to identify the administering immunization provider if it is different than the sending facility code (MSH-4) in the case of HIE, Hubs, etc. |

Table 2. OBX Segments

OBX 3 (LOINC code)	Optionality	Description	Example
29768-9	Optional	VIS Published date	OBX|1|TS|29768-9^Date Vaccine Information Statement Published^LN|1|20130227||||||F|||20130227000000
29769-7	Required	VIS Presented date	OBX|2|TS|29769-7^Date Vaccine Information Statement Presented^LN|1|20160113||||||F|||20150113000000
30963-3	Required	Vaccine funding source	OBX|3|CE|30963-3^Vaccine funding source^LN||PHC70^Private Funds^CDCPHINVS||||||F|||20160113
64994-7	Required	VFC Eligibility *Note: V00 eligibility code is not accepted.*	OBX|4|CE|64994-7^Vaccine funding program eligibility category^LN||V01||||||F||||||VXC40^Eligibility captured at the immunization level^CDCPHINVS
69764-9	Required	VIS Barcode	OBX|5|CE|69764-9^Document Type^LN|4|2530886983000012711190815^MMR^cdcgs1vis||||||F|||20220222
30945-0	Optional	Vaccine Contraindication/precaution (Immunocompromised)	OBX|1|CE|30945-0^Vaccination contraindication/precaution^LN|1|370388006^Immunocompromised^SCT||||||F

Alternative Connection methods

In addition to the KHIE WSDL, the KYIR offers a direct connection type via the CDC WSDL

Connecting via the CDC WSDL entails:
- KYIR staff creating a CDC WSDL credentials for participant
- Successful connection KYIR QA region via the CDC WSDL URL endpoint
- Going through data validation and review
- Improving data quality to meet KYIR standards
- Successful connection to KYIR prod region via production endpoint

A free testing tool is available to expedite the testing process. While you are waiting to test, please use the NIST Tool to vet messages: http://hl7v2-iz-testing.nist.gov/mu-immunization/ and apply the

corresponding corrections. (Note: this tool <u>does not cover all aspects</u> of the testing immunization program performs, but it will help speed up the testing process.)