QBP IN MCIR

ONBOARDING PROCESS

QUERY BY PARAMETER

CONTACT SALLIE SIMS TO BEGIN TESTING!

- EMAIL: simss7@Michigan.gov
- PHONE: (517)284-4880

WHEN SHOULD YOU CONTACT SALLIE?

- With initial interest
- If you have questions
- If you are having problems formatting your messages
- To ensure data quality when testing through your HIE

SEE NEXT PAGE FOR FORMATTING TIPS!



STEPS FOR ONBOARDING A PROVIDER SITE

STEP 1: Ensure provider site is able to send VXU messages through their EHR prior to onboarding

Ensure that your EHR vendor is using HL7 version 2.5.1

STEP 2: Successfully format and send messages through e-mail to Sallie who will test the messages through the data hub

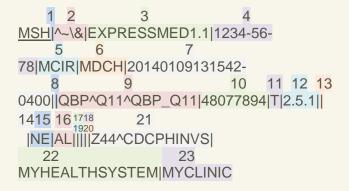
STEP 3: Once test messages have been successfully sent (error free), sites should contact their HIE to begin validation connect for queries through their HIE

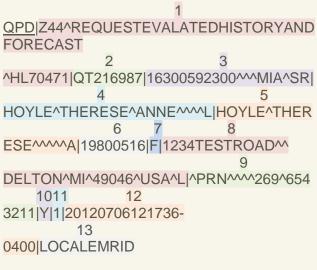
STEP 4: Test connection Go-Live with MiHIN

- Let Sallie know when you, your HIE & MiHIN feel ready for the final go live through complete pipeline
- Sallie will need to assure that all queried data is being sent back appropriately before going live
- Go-To Meeting will be set up by MiHIN for quality assurance purposes and is then Sallie will turn your sites on in QBP production when you pick a date.
 There will be a short go-to meeting on that date for all stakeholders.

SAMPLE MESSAGE

Each sequence is highlighted and numbered





1 2 3 RCP|I|1^RD|R

QBP IN MCIR

REQUIRDED FIELDS & FORMATTING TIPS

QUERY BY PARAMETER

+ MSH REQUIRED FIELDS

- MSH-1: |
- MSH-2: ^~\&
- MSH-3: Sending Application (Unique identifier)
- MSH-4: Facility ID (Unique identifier)
- MSH-5: System receiving the message (MCIR)
- MSH-6: The supplier (MDCH)
- MSH-7: Date/Time (Formatted as

YYYYMMDDHHMMSS-ZZZZ, where Z =Time Zone)

- Must have precision down to the minute
- MSH-9: Message type (QBP^Q11^QBP_Q11)
- MSH-10: Message control ID (Unique identifier)
- **MSH-11**: Processing ID (T for test, P for Production)
- MSH-12: HL7 Version ID (2.5.1)
- MSH-15: Accept acknowledgment type (Default is NE, never)
- MSH-16: Application acknowledgement type (Default is AL, always)
- MSH-21: Message profile identifier (Z44^CDCPHINVS)
- MSH-22: Sending Responsible Organization
- MSH-23: Receiving Responsible Organization

+ QPD REQUIRED FIELDS

- QPD-1: Message query name (Z44^Request Evaluated History and Forecast^HL70471)
- QPD-2: Query tag (Valued by the HL7 Data Partner's system)
- **QPD-3**: Unique patient ID (Medicaid number, Medicare number, Medical record number, etc.)
- QPD-4: Patient name
- QPD-6: Patient DOB (Formatted YYYYMMDD)
- QPD-7: Patient sex (M or F)
- **QPD-8**: Patient address (See QBP Onboarding document for formatting specifications)
- **QPD-9**: Patient phone number (Example ^PRN^^^212^5551212)

+ RCP REQUIRED FIELDS

- RCP-1: Query priority (I meaning Immediate)
- RCP-2: Maximum number of patients to be returned (1) and units (RD, meaning records)
- Example: 1^RD
- RCP-3: Response modality (R, meaning real-time)

A placeholder should be left for non-required fields in the middle of a line (example: ||)

*Placeholders are not needed after the last required field of a segment, unless a non-required field is entered (Example: QPD-10 through 14 are not required, but if QPD-11 is entered, QPD-10 needs a placeholder)