

Maine Immunization Information System

Immunization Onboarding

Immunization onboarding is the process of working with Maine Immunization Program (MIP) staff to set up and test ongoing immunization data from an Electronic Health Record to Maine's Immunization Information System, ImmPact. During the onboarding process, transport for the immunization messages will be put in place and the HL7 immunization messages will be reviewed by the MIP staff to ensure correct format and quality. Once the messages have been reviewed and approved, your organization will be asked to send data to ImmPact production environment.

Onboarding Expectations

Your organization's interface team will review:

- Onboarding guide
- HL7 VXU specifications
- QBP/Bi-directional specifications. If applicable

You will submit the Data Exchange Application.

These documents can be found here:

<https://www.maine.gov/dhhs/mecdc/health-professionals/immunization/impact>

If you have a test EMR that should be an accurate representation of your production system.

Your EMR vaccine mapping will be up to date per the CDC Vaccine Data Code Sets.

General Onboarding Plan

A. Complete and review Data Exchange Onboarding Application

Your organization will go to our website and download the Data Exchange Application. Once you submit the application, we can arrange a kick off call to discuss next steps.

B. Review and Refine Onboarding Plan (Kickoff Call)

MIP staff and your organization's team will establish an agreed upon kickoff call date.

1. MIP staff will meet with the organization's team to discuss the project plan and expectations. Your organization will need to:
 - a. Provide sufficient resources to complete the project.
 - b. Be responsible for timely communication and work on onboarding.

C. Set up Data Transfer to ImmPact TRN (Test)

MIP staff will set up the test profile, provide the HTTPS test URL and the Webservices credentials to the EMR vendor, or sending facility if different. If participating in dose level exchange a standard list of inventory will be provided to the team, along with testing expectations.

NOTE: Webservices credentials belong to sending facilities (vendors). These vendors often send for multiple organizations. More than 2 failed attempts to log onto Webservices will lock that account for all that vendor's clients. Notify data exchange at MEIIS.DEXCDC@maine.gov if you have issues logging in.

D. Message Review

This step should show that your Production system can create messages that meet format and coding standards and verifies the quality of the messages received into ImmPact. For dose level reporting: Lot numbers, CVX codes, VFC eligibility codes, expiration dates, and administration dates are being accurately represented and decrement from the ImmPact inventory.

During this phase you will submit Test messages to ImmPact's Test environment.

1. Your organization sends HL7 messages to the ImmPact test environment.
 - a. All messages will be for fake patients only.
 - b. General expectation – messages will be sent that test all required scenarios sent on the testing expectations sheet.
2. MIP staff will review the HL7 messages to ensure the format of the messages is correct. For example:
 - a. All messages have full client name, date of birth and address.
 - b. All messages have appropriate sending Facility ID and Responsible Org ID.
 - c. All messages have race and ethnicity codes when available.
 - d. All administered immunizations have active and specific CVX codes.
 - e. All historic immunizations have historically correct CVX codes.
 - f. All dose-level immunizations must have VFC eligibility codes (Note: applicable eligibilities must be tested.)
 - g. All immunizations have Lot number and expiration date when available.
 - h. All administered immunizations have a VIS date
 - i. All patients should include a next of kin (NK1)
 - j. All immunization dose amounts are in milliliters (mL).
3. If the HL7 messages meet the established standard, then the provider will proceed to quality review.

E. Review Feedback

This step is to notify your interface team of issues.

1. We will develop a list of issues with the messages and send it to you to review.
2. Your organization fixes the indicated issues, then submits new messages for review.
3. If no further issues are found, a go-live date will be agreed upon.
4. Error correction Demo call may be scheduled with the Practice Staff.

F. Move to Production

The purpose of this step is to connect your organization's production system to ImmPact's production system.

1. Production Webservices credentials and Org Ids will be sent to the sending facility vendor prior to go-live.
2. Your organization or vendor will notify us if you are unable to connect or will not meet your planned go-live date.
3. Your interface team will notify us when your location begins transmitting and we will verify receipt.

G. Production Monitoring

This is a monitoring phase to ensure that the production system continues to meet format and coding standards, and error correction in the ImmPact production environment. During this phase, actual entries into your production electronic health record system will be sent to ImmPact's production environment.

1. If messages continue to meet the established standard, then you will achieve ongoing submission.
2. We suggest at least one Post Production call.
3. If issues with submitting immunization messages arise, please contact the data exchange team at MEIIS.DEXCDC@maine.gov.