**HIMSS IIP Release Notes for Version 1.9.11 March 16, 2022**

**Tool Software**

* Added “-DTOOL\_URL=url” launch paramter to override tool and wdsl enpoint urls.

**HIMSS IIP CDC Test Plans changes**

This test plan is to be used for the testing of the Immunization Integration Program: Immunization-Related Capabilities and Guidance developed under a cooperative agreement with the American Immunization Registry Association (AIRA) and the Centers for Disease Control and Prevention (CDC). All test cases are required to be executed where they include test objectives for which conformance is claimed. The test plan includes both functional and interoperability tests including Vaccine Update Notifications (HL7 V2.5.1 VXU/Z22) and Query and Response (Evaluated History and Forecast Group Z44/Z42).

This version is updated for use in the 2022 test cycle. It is aligned with ONC 2015 Certification Criteria for § 170.315(f)(1) Transmission to Immunization Registries. This test plan is approved by ONC to demonstrate conformance to these criteria.

**HIMSS Immunization Integration Program CDC Test Plan v10.0 (1/27/2022)**

This release includes all of the changes made in the interim Release v9.0 plus the following changes:

* Testing for 3 new requirements:

o Requirement 9.4 Add Jurisdiction-Specific Vaccine Eligibility Code

o Requirement 9.5 Acknowledgment Data Reporting

o Requirement 5.15 Record Vaccine Information by Scanning 2D Barcode Found on Unit-of-Use for Vaccine Administration

* Removal of testing for deprecated requirement: 2.6 Notify Public Health Immunization Registry (IIS) of Update from Adverse Event
* Updated messages to remove submission of adverse events and to correct refusal messages.
* Added ADT Messages to Initial Data Load for all patients to minimize data entry and notes to indicate manual entry of one of the patient demographics and clinical history will be required (or reviewed) to ensure that entry of the required fields is possible.
* Annual update of all dates to age the patient and associated vaccine products/vaccinations.
* Removed data elements for County and Birth location information
* Added Publicity Code Effective Dates.
* Added specific data entry instructions for VIS data.
* Updated new vaccination to replace the temporary Anthrax concepts with Pfizer Covid products along with associated qualifying language relating to the substituted vaccine.
* Editorial consistency updates.

**HIMSS Immunization Integration Program CDC Test Plan v9.0 Interim Release**

The 2019/2020 release included:

* additional clarification in the notes offering additional guidance regarding variations such as:

o Forecasting variation relating to patient age at the time the test is run

o Clarification that the 11-digit NDC code with dashes is required

o Clarifying new vaccine information needs to be added before inventory can be added for a specific vaccine,

* updates to products reflecting those available at the time of the documented vaccine, primarily for influenza vaccines with frequent product changes,
* date corrections to align the message content with the test instructions
* administration site corrections to align the message content with the test instructions
* added testing for the requirement to Produce Vaccine History Report
* updates to use of EHR term and clarification that criteria apply to EHRs or other clinical software systems
* added testing for Select One or More Patients
* added testing for adding new vaccine codes
* added testing for Receive Dose Not Indicated Alert Upon Vaccine Administration
* added testing for Update Patient Immunization Schedule
* added testing for Provide Access to Printable Immunization Record
* added testing for Review Patient-Provided Immunization Information
* added testing for Provide Access to Update Immunization Information
* added testing for Notify Patients of Immunization Status
* added testing for SOAP-based CDC WSDL
* added testing for Data Quality Checks

**ONC 2015 Test Plan**

* Updated by NIST Immunization Test Suite v2.0.6: <https://hl7v2-iz-r1.5-testing.nist.gov/iztool/>

**Profile/Valueset/Constraints**

* Profile updated by NIST Immunization Test Suite v2.0.6: <https://hl7v2-iz-r1.5-testing.nist.gov/iztool/>
* Valueset updated by NIST Immunization Test Suite v2.0.6: <https://hl7v2-iz-r1.5-testing.nist.gov/iztool/>
* Constraints no updated. Reference is NIST Immunization Test Suite v2.0.6: <https://hl7v2-iz-r1.5-testing.nist.gov/iztool/>