**Immunization Test Tool Release Notes for Version 2.0.19 July 15, 2024**

**Data**

| **Test Case / Message Profile** | **Issue** | **Resolution** |
| --- | --- | --- |
| For Z22 messages | Per the CDC, the following **Unit of Sale NDC(**s) has/have been added:   * 80777-0345-90 for RSV, mRNA, injectable, PF (**mRESVIA)** * 80777-0345-96 for RSV, mRNA, injectable, PF (**mRESVIA)** * 50632-0015-02 for cholera, live attenuated (**Vaxchora)** | Update(s) has/have been made to the **NDC Unit of Sale Value Set** in the Immunization Test Suite  Added:   * **Code**: 80777-0345-90 * **Code System**: NDC * **Description**: RSV, mRNA, injectable, PF (**mRESVIA)** * **Code**: 80777-0345-96 * **Code System**: NDC * **Description**: RSV, mRNA, injectable, PF (**mRESVIA)** * **Code**: 50632-0015-02 * **Code System**: NDC * **Description**: cholera, live attenuated (**Vaxchora)** |
| For Z22 messages | Per the CDC, the following **Unit of Use NDC(s)** has/have been added:   * 80777-0345-01 for RSV, mRNA, injectable, PF (**mRESVIA)** * 50632-0015-02 for cholera, live attenuated (**Vaxchora)** | Update(s) has/have been made to the **NDC Unit of Use Value Set** in the Immunization Test Suite  Added:   * **Code**: 80777-0345-01 * **Code System**: NDC * **Description**: for RSV, mRNA, injectable, PF (**mRESVIA)** * **Code**: 50632-0015-02 * **Code System**: NDC * **Description**: cholera, live attenuated (**Vaxchora)** |
| For Z22, Z32, and Z42 messages | Per the CDC, the following addition(s)/modification(s) has/have been made to the **CVX** table:  Added:   * **CVX code 326** for Respiratory syncytial virus (RSV), mRNA, injectable, preservative free * **CVX code 324** for Poliovirus, inactivated, fractional-dose (fIPV)   Per the CDC, new seasonal influenza vaccines for the 2024/2025 season have been added   * **CVX code 320** for Influenza, MDCK, trivalent, preservative   Per the CDC, new avian influenza CVX codes (associated to new Vaccine Group “FLU-Avian-H5”) have been added   * **CVX code 321** for Influenza-avian, H5N8, viral-vector, monovalent, injectable, preservative free * **CVX code 322** for Influenza-avian, H5N8, viral-vector, monovalent, injectable, contains preservative * **CVX code 323** for Influenza-avian, H5, unspecified formulation | Update(s) has/have been made to the **CVX** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 320 * **Code System**: CVX * **Description**: Influenza, MDCK, trivalent, preservative * **Code**: 326 * **Code System**: CVX * **Description**: Respiratory syncytial virus (RSV), mRNA, injectable, preservative free * **Code**: 324 * **Code System**: CVX * **Description**: Poliovirus, inactivated, fractional-dose (fIPV) * **Code**: 321 * **Code System**: CVX * **Description**: Influenza-avian, H5N8, viral-vector, monovalent, injectable, preservative free * **Code**: 322 * **Code System**: CVX * **Description**: Influenza-avian, H5N8, viral-vector, monovalent, injectable, contains preservative * **Code**: 323 * **Code System**: CVX * **Description**: Influenza-avian, H5, unspecified formulation |
| For Z22, Z32, and Z42 messages | Per the CDC, the following CVX/VIS mapping addition(s) has/have been made:  Added:   * **CVX Code 320** has been mapped to VIS barcode string **253088698300010311210806** for the Influenza (Flu) Vaccine (Inactivated or Recombinant) VIS | Update(s) has/have been made to the **PHVS\_VISVaccines\_IIS** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 320 * **Code System**: CVX * **Description**: Influenza (Flu) Vaccine (Inactivated or Recombinant) VIS |

**Specific Validation**

| **Issue** | **Resolution** |
| --- | --- |
| AIRA\* has requested a change in the RSP-Z31 Profile in the Immunization Test Suite related to the *Conformance Statement IZ-67: "The value of QPD-1 (Message Query Name) SHALL be 'Z34^Request Immunization History^CDCPHINVS'.”* for the QPD-1 field in Segment QPD.  The RSP-Z31 Profile is not used in the ONC Test Plan but is included in the Context-free Validation in the Immunization Test Suite.  \*AIRA = American Immunization Registry Association | The Conformance Statement IZ-67 for the QPD-1 field of Segment QPD in the RSP-Z31 Profile has been modified to:  IZ-67-NIST: The value of QPD-1 (Message Query Name) SHALL be 'Z34^Request Immunization History^CDCPHINVS' OR ‘Z44^Request Evaluated History and Forecast^CDCPHINVS’. |

**User Interface**

| **Issue** | **Resolution** |
| --- | --- |
| In the Profile Viewer, the “Expanded” view omits Predicate and Conformance Statement verbiage for nested elements, e.g., for MSH-22.6, MSH-22.6.1, 6.2, and 6.3, and ORC-2.2, 2.3, and 2.4. | The “Expanded” view In the Profile Viewer has been fixed so it displays the Predicate and Conformance Statement verbiage for all elements including nested elements. |

**Core Functionality**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**Documentation**

| **Issue** | **Resolution** |
| --- | --- |
| The *Understanding NIST HL7 v2 Validation* file under “User Documentation” on the Documentation Page was initially published on 1/21/16 and was updated on 6/27/23 and 3/26/24. The cover page is dated “March 26, 2024”. No modifications have been made to the content of the file since the initial publication other than the deletion of “2015” on the cover page (per request of ONC) and corrections of typos and grammatical errors. | This file has been updated:   * Cover page date information has been changed to “January 21st, 2016 (Updated)” for improved accuracy * Document History slide added after cover page |

**SOAP Functionality**

| **Test Case** | **Issue** | **Resolution** |
| --- | --- | --- |
| None |  |  |

**Improvements/Features**

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| --- |
| None |

**Issues for a Future Release**

| **Test Case/if Applicable** | **Issue** |
| --- | --- |
| All Test Steps with a VXU message | In a VXU Context-based message where there are multiple OBX segments for each Order Group, if an OBX segment has OBX-3.1 populated with the 69764-9 LOINC code and has OBX-5.1 populated with an incorrect VIS ID, the Test Tool issues an Error notification that indicates   * in the **Path** information the VXU Order Group (e.g., “VXU\_V04.ORDER[1]”) within which the OBX with the error is contained and * in the **Line #** information the line number listed in the Message Content window for the ORC segment in that Order Group. * In the **Description** information that an Error has been found due to there being no OBX segment where OBX-3.1 is populated with the 69764-9 LOINC code and OBX-5.1 is populated with [an expected VIS ID] within in this Order Group.   The Path, Line #, and Description information may or may not be meaningful enough for a Tester to determine which OBX segment contains the VIS ID error.  The Tool will be modified to make the Error notification more specific and meaningful. |
| Context-free Data Quality Assurance (DQA) function | The DQA tab in the Context-free / VXU Z22 function has been removed in order to update the capability. The Tool will be modified with an updated version.  (Demonstration of how DQA is intended to function has been deleted from the updated Tool Tutorial.) |