**Immunization Test Tool Release Notes for Version 2.0.11 January 26, 2023**

**Data**

| **Test Case / Message Profile** | **Issue** | **Resolution** |
| --- | --- | --- |
| For Z22 messages | Per the CDC, the following **Unit of Sale NDC(**s) has/have been added:   * 58160-0827-30 for Menveo (meningococcal oligosaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV4O)) | Update(s) has/have been made to the **NDC Unit of Sale Value Set** in the Immunization Test Suite  Added:   * **Code**: 58160-0827-30 * **Code System**: NDC * **Description**: Menveo (meningococcal oligosaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV4O)) |
| For Z22 messages | Per the CDC, the following **Unit of Use NDC(s)** has/have been added:   * 58160-0827-03 for Menveo (meningococcal oligosaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV4O)) | Update(s) has/have been made to the **NDC Unit of Use Value Set** in the Immunization Test Suite  Added:   * **Code**: 58160-0827-03 * **Code System**: NDC * **Description**: Menveo (meningococcal oligosaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV4O)) |
| For Z22, Z32, and Z42 messages | Per the CDC, the following addition(s)/modification(s) has/have been made to the **CVX** table:  Added **New non-US CVX codes considered to count towards immunity in the US**:   * **CVX code 519** for SARS-COV-2 COVID-19 mRNA, bivalent, original/Omicron BA.1, Non-US Vaccine (Spikevax Bivalent), Moderna * **CVX code 520** for SARS-COV-2 COVID-19 mRNA, bivalent, original/Omicron BA.1, Non-US Vaccine Product (Comirnaty Bivalent), Pfizer-BioNTech * **CVX Code 506** for COVID-19 VVnr Non-US Vaccine (CanSino Biological Inc./Beijing Institute of Biotechnology)   Added **New non-US CVX codes not considered to count towards immunity in the US:**   * **CVX code 518** for SARS-COV-2 COVID-19 Inactivated, Non-US Vaccine (VLA2001, Valneva) | Update(s) has/have been made to the **CVX** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 519 * **Code System**: CVX * **Description**: SARS-COV-2 COVID-19 mRNA, bivalent, original/Omicron BA.1, Non-US Vaccine (Spikevax Bivalent), Moderna * **Code**: 520 * **Code System**: CVX * **Description**: SARS-COV-2 COVID-19 mRNA, bivalent, original/Omicron BA.1, Non-US Vaccine Product (Comirnaty Bivalent), Pfizer-BioNTech * **Code**: 518 * **Code System**: CVX * **Description**: SARS-COV-2 COVID-19 Inactivated, Non-US Vaccine (VLA2001, Valneva) * **Code**: 506 * **Code System**: CVX * **Description**: COVID-19 VVnr Non-US Vaccine (CanSino Biological Inc./Beijing Institute of Biotechnology) |
| For Z22, Z32, and Z42 messages | Per the CDC, the following CVX/VIS mapping addition(s) has/have been made:  Added:   * **CVX Code 230** has been mapped to VIS barcode string 253088698300051611220501 for the **COVID-19 Moderna EUA Recipient-Caregiver Fact Sheet - Pediatric 6mo to <6yrs** VIS | Update(s) has/have been made to the **PHVS\_VISVaccines\_IIS** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 230 * **Code System**: CVX * **Description**: **COVID-19 Moderna EUA Recipient-Caregiver Fact Sheet - Pediatric 6mo to <6yrs** VIS |

| **Message Profile** | **Issue** | | **Resolution** |
| --- | --- | --- | --- |
| For Z22, Z32, Z42 messages | Per the CDC, the following VIS document(s) and VIS Code(s) has/have been added: | | The new VIS document(s) with **Description** and associated VIS **Code** has/have been added to the **PHVS\_VISBarcodes\_IIS Value Set** in the Immunization Test Suite |
|  | **Document Type Description (New)** | **VIS Fully-encoded Test String** |
|  | Smallpox-Monkeypox Vaccine VIS | 253088698300053011221114 |
|  | **COVID-19 Pfizer BioNTech EUA Recipient-Caregiver Fact Sheet- Pediatric <5 yrs** | 253088698300048611220101 |

**Specific Validation**

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

**User Interface**

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

**Core Functionality**

| **Issue** | **Resolution** |
| --- | --- |
|  |  |

**Documentation**

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

**SOAP Functionality**

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

**Improvements/Features**

|  |
| --- |
| None |

**Issues for a Future Release**

**ONC 2015 Test Plan**

| **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.) |