**Immunization Test Tool Release Notes for Version 2.0.16 January 23, 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:   * 71665-0001-02 for anthrax (CYFENDUS) * 00069-0600-01 for MenB recombinant component for reconstitution with MenACWY, 0.5 mL (PENBRAYA) * 00069-0600-05 for MenACWY lyophilized component for reconstitution with MenB, 0.5 mL (PENBRAYA) * 00069-0600-10 for MenACWY lyophilized component for reconstitution with MenB, 0.5 mL (PENBRAYA) * 00069-2377-10 for COMIRNATY (COVID-19 Vaccine, mRNA, 2023-2024 Formula), no freeze formulation | Update(s) has/have been made to the **NDC Unit of Sale Value Set** in the Immunization Test Suite  Added:   * **Code**: 71665-0001-02 * **Code System**: NDC * **Description**: anthrax (CYFENDUS) * **Code**: 00069-0600-01 * **Code System**: NDC * **Description**: MenB recombinant component for reconstitution with MenACWY, 0.5 mL (PENBRAYA) * **Code**: 00069-0600-05 * **Code System**: NDC * **Description**: MenACWY lyophilized component for reconstitution with MenB, 0.5 mL (PENBRAYA) * **Code**: 00069-0600-10 * **Code System**: NDC * **Description**: MenACWY lyophilized component for reconstitution with MenB, 0.5 mL (PENBRAYA) * **Code**: 00069-2377-10 * **Code System**: NDC * **Description**: COMIRNATY (COVID-19 Vaccine, mRNA, 2023-2024 Formula), no freeze formulation |
| For Z22 messages | Per the CDC, the following **Unit of Use NDC(s)** has/have been added:   * 71665-0001-01 for anthrax (CYFENDUS) * 00069-0332-01 for MenB recombinant component for reconstitution with MenACWY, 0.5 mL (PENBRAYA) * 00069-0271-01 for MenACWY lyophilized component for reconstitution with MenB, 0.5 mL (PENBRAYA) * 00069-2377-01 for COMIRNATY (COVID-19 Vaccine, mRNA, 2023-2024 Formula), no freeze formulation | Update(s) has/have been made to the **NDC Unit of Use Value Set** in the Immunization Test Suite  Added:   * **Code**: 71665-0001-01 * **Code System**: NDC * **Description**: anthrax (CYFENDUS) * **Code**: 00069-0332-01 * **Code System**: NDC * **Description**: MenB recombinant component for reconstitution with MenACWY, 0.5 mL (PENBRAYA) * **Code**: 00069-0271-01 * **Code System**: NDC * **Description**: MenACWY lyophilized component for reconstitution with MenB, 0.5 mL (PENBRAYA) * **Code**: 00069-2377-01 * **Code System**: NDC * **Description**: COMIRNATY (COVID-19 Vaccine, mRNA, 2023-2024 Formula), no freeze formulation |
| 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 316** for meningococcal polysaccharide (MenACWY-TT conjugate), (MenB), PF * **CVX code 317** for Chikungunya, live attenuated vaccine, 0.5 mL, preservative free | Update(s) has/have been made to the **CVX** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 316 * **Code System**: CVX * **Description**: meningococcal polysaccharide (MenACWY-TT conjugate), (MenB), PF * **Code**: 317 * **Code System**: CVX * **Description**: Chikungunya, live attenuated vaccine, 0.5 mL, preservative free |
| For Z22, Z32, and Z42 messages | Per the CDC, the following CVX/VIS mapping addition(s) has/have been made:  Added:   * **CVX Code 313** has been mapped to VIS barcode string 253088698300037011230901 for the COVID-19 Novavax EUA Recipient-Caregiver Fact Sheet - 12 years and older * **CVX Code 309** has been mapped to VIS barcode string 253088698300063911231019 for the **COVID-19 Vaccine VIS - mRNA vaccine for 12 years and older** VIS * **CVX Code 312** has been mapped to VIS barcode string 253088698300063911231019 for the **COVID-19 Vaccine VIS - mRNA vaccine for 12 years and older** VIS * **CVX Code 223** has been mapped to VIS barcode string 253088698300064611231207 for the Tick-borne Encephalitis Vaccine VIS * **CVX Code 224** has been mapped to VIS barcode string 253088698300064611231207 for the Tick-borne Encephalitis Vaccine VIS | Update(s) has/have been made to the **PHVS\_VISVaccines\_IIS** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 313 * **Code System**: CVX * **Description**: COVID-19 Novavax EUA Recipient-Caregiver Fact Sheet - 12 years and older * **Code**: 309 * **Code System**: CVX * **Description**: **COVID-19 Vaccine VIS - mRNA vaccine for 12 years and older** * **Code**: 312 * **Code System**: CVX * **Description**: **COVID-19 Vaccine VIS - mRNA vaccine for 12 years and older** * **Code**: 223 * **Code System**: CVX * **Description**: Tick-borne Encephalitis Vaccine VIS * **Code**: 224 * **Code System**: CVX * **Description**: Tick-borne Encephalitis Vaccine 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** |
|  | COVID-19 Novavax EUA Recipient-Caregiver Fact Sheet - 12 years and older | 253088698300037011230901 |
|  | **COVID-19 Vaccine VIS - mRNA vaccine for 12 years and older** | 253088698300063911231019 |
|  | **RSV (Respiratory Syncytial Virus) Vaccine VIS** | 253088698300060811231019 |
|  | Tick-borne Encephalitis Vaccine VIS | 253088698300064611231207 |

**Specific Validation**

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

**User Interface**

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

**Core Functionality**

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

**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.) |