**Immunization Test Tool Release Notes for Version 1.9.10 May 19, 2020**

**Data**

| **Test Case / Message Profile** | **Issue** | | **Resolution** |
| --- | --- | --- | --- |
| For Z22 messages | Per the CDC, the following **Unit of Sale NDCs** have been added:   * 49281-0181-25 for FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * 49281-0320-50 for FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * 49281-0336-15 for FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * 63361-0243-10 for VAXELIS | | Updates have been made to **NDC Unit of Sale Value Set** in the Immunization Test Suite; added:   * **Code**: 49281-0181-25 * **Code System**: NDC * **Description**: FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * **Code**: 49281-0320-50 * **Code System**: NDC * **Description**: FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * **Code**: 49281-0336-15 * **Code System**: NDC * **Description**: FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * **Code**: 63361-0243-10 * **Code System**: NDC * **Description**: VAXELIS |
| For Z22 messages | Per the CDC, the following **Unit of Use NDCs** have been added:   * 49281-0181-00 for FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * 49281-0320-88 for FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * 49281-0336-78 for FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * 63361-0243-58 for VAXELIS | | Updates have been made to **NDC Unit of Use Value Set** in the Immunization Test Suite; added:   * **Code**: 49281-0181-00 * **Code System**: NDC * **Description**: FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * **Code**: 49281-0320-88 * **Code System**: NDC * **Description**: FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * **Code**: 49281-0336-78 * **Code System**: NDC * **Description**: FLUZONE QUADRIVALENT SOUTHERN HEMISPHERE * **Code**: 63361-0243-58 * **Code System**: NDC * **Description**: VAXELIS |
| For Z22, Z32, and Z42 messages | Per the CDC, the following CVX codes have been added:   * CVX code 200, “influenza, seasonal, Southern Hemisphere, quadrivalent, pediatric 0.25mL dose, preservative free” * CVX code 201, “influenza, seasonal, Southern Hemisphere, quadrivalent, 0.5mL dose, no preservative” * CVX code 202, “influenza, seasonal, Southern Hemisphere, quadrivalent, 0.5mL dose, with preservative” | | Updates have been made to **CVX Value Set** in the Immunization Test Suite; added:   * **Code**: 200 * **Code System**: CVX * **Description**: influenza, seasonal, Southern Hemisphere, quadrivalent, pediatric 0.25mL dose, preservative free * **Code**: 201 * **Code System**: CVX * **Description**: influenza, seasonal, Southern Hemisphere, quadrivalent, 0.5mL dose, no preservative * **Code**: 202 * **Code System**: CVX * **Description**: influenza, seasonal, Southern Hemisphere, quadrivalent, 0.5mL dose, with preservative |
| For Z22, Z32, and Z42 messages | Per the CDC, the following VIS documents have been updated: | | The new VIS **Descriptions** and associated VIS **Codes** have been added to the **PHVS\_VISBarcodes\_IIS Value Set** in the Immunization Test Suite |
| **Document Type Description (New)** | **VIS Fully-encoded Test String** |
| DTaP (Diphtheria, Tetanus, Pertussis) Vaccine VIS | 253088698300003511200401 |
| Yellow Fever VIS | 253088698300025711200401 |
| Multi Pediatric Vaccines VIS | 253088698300026411200401 |
| Tetanus, Diphtheria, and Pertussis (Tdap) VIS | 253088698300027111200401 |
| Tetanus/Diphtheria (Td) Vaccine VIS | 253088698300028811200401 |
| Administration Group  Test Case: IZ-AD-1\_Admin\_Child  Test Step: IZ-AD-1.1\_Send\_V04\_Z22 | Per the CDC, the VIS code for the DTaP (Diphtheria, Tetanus, Pertussis) vaccine has been updated. | | VIS code 253088698300003511180824  was replaced with VIS code 253088698300003511200401 for the DTaP (Diphtheria, Tetanus, Pertussis) Vaccine in the VXU test message |
| Administration Group  Test Case: IZ-AD-2\_Admin\_Adult  Test Step: IZ-AD-2.1\_Send\_V04\_Z22 | Per the CDC, the VIS code for the Tetanus/Diphtheria (Td) vaccine has been updated. | | VIS code **253088698300028811170411** was replaced with VIS code **253088698300028811200401** for the Tetanus/Diphtheria (Td) vaccine in the VXU test message |
| Administration Group  Test Case: IZ-AD-9\_Admin\_IIS-2Warnings  Test Step: IZ-AD-9.1\_Send\_V04\_Z22 | Per the CDC, the VIS code for the DTaP (Diphtheria, Tetanus, Pertussis) vaccine has been updated. | | VIS code **253088698300003511180824** was replaced with VIS code **253088698300003511200401** for the DTaP (Diphtheria, Tetanus, Pertussis) Vaccine in the VXU test message |

**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**

| **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.) |