**Immunization Test Tool Release Notes for Version 2.0.18 April 22, 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:   * 58160-0726-15 for Haemophilus influenzae type b vaccine, PRP-T conjugate (Hiberix) * 49281-0590-10 for meningococcal conjugate quadrivalent, MenACWY-TT (MCV4) (MenQuadfi) * 49281-0590-01 for meningococcal conjugate quadrivalent, MenACWY-TT (MCV4) (MenQuadfi) * 42515-0003-01 for Chikungunya live attenuated vaccine, 0.5 mL, PF (IXCHIQ) * 50090-7036-00 for pneumococcal polysaccharide PPV23   Per the CDC, the following Unit of Sale NDC(s) has/have been added for new Southern Hemisphere Influenza Vaccines for 2024   * 49281-0324-50 for influenza, Southern Hemisphere, preservative free * 49281-0398-15 for influenza, Southern Hemisphere, quadrivalent, with preservative * 49281-0933-50 for influenza, Southern Hemisphere, high-dose, quadrivalent | Update(s) has/have been made to the **NDC Unit of Sale Value Set** in the Immunization Test Suite  Added:   * **Code**: 58160-0726-15 * **Code System**: NDC * **Description**: Haemophilus influenzae type b vaccine, PRP-T conjugate (Hiberix) * **Code**: 49281-0590-10 * **Code System**: NDC * **Description**: meningococcal conjugate quadrivalent, MenACWY-TT (MCV4) (MenQuadfi) * **Code**: 49281-0590-01 * **Code System**: NDC * **Description**: meningococcal conjugate quadrivalent, MenACWY-TT (MCV4) (MenQuadfi) * **Code**: 42515-0003-01 * **Code System**: NDC * **Description**: Chikungunya live attenuated vaccine, 0.5 mL, PF (IXCHIQ) * **Code**: 49281-0324-50 * **Code System**: NDC * **Description**: influenza, Southern Hemisphere, preservative free * **Code**: 49281-0398-15 * **Code System**: NDC * **Description**: influenza, Southern Hemisphere, quadrivalent, with preservative * **Code**: 49281-0933-50 * **Code System**: NDC * **Description**: influenza, Southern Hemisphere, high-dose, quadrivalent * **Code**: 50090-7036-00 * **Code System**: NDC * **Description**: pneumococcal polysaccharide PPV23 |
| For Z22 messages | Per the CDC, the following **Unit of Use NDC(s)** has/have been added:   * 58160-0816-03 for Haemophilus influenzae type b vaccine, PRP-T conjugate (Hiberix) * 42515-0003-00 for Chikungunya live attenuated vaccine, 0.5 mL, PF (IXCHIQ) * 50090-7036-01 for pneumococcal polysaccharide PPV23   Per the CDC, the following Unit of Use NDC(s) has/have been added for new Southern Hemisphere Influenza Vaccines for 2024   * 49281-0324-88 for influenza, Southern Hemisphere, preservative free * 49281-0398-78 for influenza, Southern Hemisphere, quadrivalent, with preservative * 49281-0933-88 for influenza, Southern Hemisphere, high-dose, quadrivalent | Update(s) has/have been made to the **NDC Unit of Use Value Set** in the Immunization Test Suite  Added:   * **Code**: 58160-0816-03 * **Code System**: NDC * **Description**: Haemophilus influenzae type b vaccine, PRP-T conjugate (Hiberix) * **Code**: 42515-0003-00 * **Code System**: NDC * **Description**: Chikungunya live attenuated vaccine, 0.5 mL, PF (IXCHIQ) * **Code**: 49281-0324-88 * **Code System**: NDC * **Description**: influenza, Southern Hemisphere, preservative free * **Code**: 49281-0398-78 * **Code System**: NDC * **Description**: influenza, Southern Hemisphere, quadrivalent, with preservative * **Code**: 49281-0933-88 * **Code System**: NDC * **Description**: influenza, Southern Hemisphere, high-dose, quadrivalent * **Code**: 50090-7036-01 * **Code System**: NDC * **Description**: pneumococcal polysaccharide PPV23 |
| 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 318** for Anthrax vaccine, adsorbed, adjuvanted, post-exposure prophylaxis * **CVX code 319** for Anthrax vaccine, unspecified   Added **New non-US CVX codes considered to count towards immunity in the US**:   * **CVX code 503** for SARS-COV-2 COVID-19 Live Attenuated Virus Non-US Vaccine Product (COVIVAC) * **CVX code 508** for SARS-COV-2 COVID-19 Protein Subunit Non-US Vaccine Product (Jiangsu Province Centers for Disease Control and Prevention)   Modified Description   * **CVX Code 24 description updated**   + “anthrax”   changed to   * + “Anthrax vaccine, adsorbed, pre-exposure and post-exposure prophylaxis” | Update(s) has/have been made to the **CVX** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 318 * **Code System**: CVX * **Description**: Anthrax vaccine, adsorbed, adjuvanted, post-exposure prophylaxis * **Code**: 503 * **Code System**: CVX * **Description**: SARS-COV-2 COVID-19 Live Attenuated Virus Non-US Vaccine Product (COVIVAC) * **Code**: 508 * **Code System**: CVX * **Description**: SARS-COV-2 COVID-19 Protein Subunit Non-US Vaccine Product (Jiangsu Province Centers for Disease Control and Prevention) * **Code**: 319 * **Code System**: CVX * **Description**: Anthrax vaccine, unspecified   Description Modified   * **Code**: 24 * **Code System**: CVX * **Description**: Anthrax vaccine, adsorbed, pre-exposure and post-exposure prophylaxis |
| For Z22, Z32, and Z42 messages | Per the CDC, the following CVX/VIS mapping addition(s) has/have been made:  Added:   * **CVX Code 318** has been mapped to VIS barcode string 253088698300002811200108 for the Anthrax Vaccine VIS * **CVX Code 316** has been mapped to VIS barcode strings   + 253088698300014111210806 for the Meningococcal ACWY Vaccine VIS   + 253088698300030111210806 for the Meningococcal B Vaccine VIS | Update(s) has/have been made to the **PHVS\_VISVaccines\_IIS** **Value Set** in the Immunization Test Suite  Added:   * **Code**: 318 * **Code System**: CVX * **Description**: Anthrax Vaccine VIS * **Code**: 316 * **Code System**: CVX * **Description**: Meningococcal polysaccharide (groups A, C, Y, W) tetanus toxoid conjugate, meningococcal B recombinant vaccine, 0.5mL, preservative free |

**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.) |