**Immunization Test Tool Release Notes for Version 1.9.7 December 16, 2019**

**Data**

| **Test Case / Message Profile** | **Issue** | **Resolution** |
| --- | --- | --- |
| For Z22 messages | The CDC published an incorrect **Unit of Sale NDC** for the following 2019/2020 influenza seasonal vaccine:  FLUCELVAX QUADRIVALENT (PREFILLED SYRINGE)  NDC UoS 70461-031**8**-03  This incorrect UoS NDC was added to the Value Set in the NIST Immunization Test Suite | The corrected UoS NDC – 70461-031**9**-03 – has been substituted in the Value Set in the NIST Immunization Test Suite |
| For Z22 messages | The CDC published an incorrect **Unit of Use NDC** for the following 2019/2020 influenza seasonal vaccine:  FLUCELVAX QUADRIVALENT (PREFILLED SYRINGE)  NDC UoU 70461-031**8**-04  This incorrect UoU NDC was added to the Value Set in the NIST Immunization Test Suite | The corrected UoU NDC – 70461-031**9**-04 – has been substituted in the Value Set in the NIST Immunization Test Suite |
| For Z22 messages | NDC UoS 70461-0419-10 for FLUCELVAX QUADRIVALENT displays intermittently as  in the Value Set listing, and use of this NDC in a message causes an error notification to be generated by the NIST validator | The UoS NDC 70461-0419-10 has been corrected in the Value Set in the NIST Immunization Test Suite |
| Administration Group  Test Case:  IZ-AD-3\_No\_Consent  Test Step:  IZ-AD-3.1\_Send\_V04\_Z22 | Per the CDC, the VIS code (fully-encoded text string) 253088698300029511161202 for HPV Vaccine VIS has been updated to VIS code (fully-encoded text string) **253088698300029511191030** | In the VXU Example Message, theVIS code (fully-encoded text string) 253088698300029511161202 for HPV Vaccine VIS has been replaced with VIS code (fully-encoded text string) **253088698300029511191030.** |
| Administration Group  Test Case:  IZ-AD-4\_Delete\_Record  Test Step:  IZ-AD-4.1\_Send\_V04\_Z22 | Per the CDC, the VIS code (fully-encoded text string) 253088698300029511161202 for HPV Vaccine VIS has been updated to VIS code (fully-encoded text string) **253088698300029511191030** | In the VXU Example Message, theVIS code (fully-encoded text string) 253088698300029511161202 for HPV Vaccine VIS has been replaced with VIS code (fully-encoded text string) **253088698300029511191030.** |
| Administration Group  Test Case:  IZ-AD-1\_Admin\_Child  Test Step:  IZ-AD-1.1\_Send\_V04\_Z22 | Per the CDC, the VIS code (fully-encoded text string) 253088698300006611150402 for Haemophilus Influenzae type b VIS has been updated to **Hib Vaccine VIS** with VIS code (fully-encoded text string) **253088698300006611191030** | In the **VXU Example Message**, theVIS code (fully-encoded text string) 253088698300006611150402 and the Description Haemophilus Influenzae type b VIS have been replaced with **Hib Vaccine VIS** and VIS code (fully-encoded text string) **253088698300006611191030.**  In the **Test Data Specification**, theDocument Type Haemophilus Influenzae type b VIS has been changed to **Hib Vaccine VIS.** |
| Administration Group  Test Case:  IZ-AD-1\_Admin\_Child  Test Step:  IZ-AD-1.1\_Send\_V04\_Z22 | Per the CDC, the VIS code (fully-encoded text string) 253088698300015811151105 for Pneumococcal Conjugate (PCV13) VIS has been updated to **PCV13 VIS** with VIS code (fully-encoded text string) **253088698300015811191030** | In the **VXU Example Message**, theVIS code (fully-encoded text string) 253088698300015811151105 and the Description Pneumococcal Conjugate (PCV13) VIS have been replaced with **PCV13 VIS** and VIS code (fully-encoded text string) **253088698300015811191030.**  In the **Test Data Specification**, theDocument Type Pneumococcal Conjugate (PCV13) VIS has been changed to **PCV13 VIS.** |
| Administration Group  Test Case:  IZ-AD-1\_Admin\_Child  Test Step:  IZ-AD-1.1\_Send\_V04\_Z22 | Per the CDC, the VIS code (fully-encoded text string) 253088698300019611180223 for Rotavirus Vaccine VIS has been updated to VIS code (fully-encoded text string) **253088698300019611191030** | In the **VXU Example Message**, theVIS code (fully-encoded text string) 253088698300019611180223 and the Description Rotavirus VIS have been with **Rotavirus Vaccine VIS** and VIS code (fully-encoded text string) **253088698300019611191030.**  In the **Test Data Specification**, theDocument Type Rotavirus VIS has been changed to **Rotavirus Vaccine VIS.** |
| Administration Group  Test Case:  IZ-AD-1\_Admin\_Child  Test Step:  IZ-AD-1.1\_Send\_V04\_Z22 | Per the CDC, the VIS code (fully-encoded text string) 253088698300017211160720 for Polio Vaccine VIS has been updated to VIS code (fully-encoded text string) **253088698300017211191030** | In the **VXU Example Message**, theVIS code (fully-encoded text string) 253088698300017211160720 and the Description Polio VIS have been replaced with **Polio Vaccine VIS** and VIS code (fully-encoded text string) **253088698300017211191030.**  In the **Test Data Specification**, theDocument Type Polio VIS has been changed to **Polio Vaccine VIS.** |
| 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 (fully-encoded text string) 253088698300017211160720 for Polio Vaccine VIS has been updated to VIS code (fully-encoded text string) **253088698300017211191030** | In the **VXU Example Message**, theVIS code (fully-encoded text string) 253088698300017211160720 and the Description Polio VIS have been replaced with **Polio Vaccine VIS** and VIS code (fully-encoded text string) **253088698300017211191030.**  In the **Test Data Specification**, theDocument Type Polio VIS has been changed to **Polio Vaccine VIS.** |

| **Test Case / Message Profile** | **Issue** | **Resolution** |
| --- | --- | --- |

|  |  |  |  |
| --- | --- | --- | --- |
| For Z22, Z32, and Z42 messages | Per the CDC, the **VIS Document Type Descriptions** have changed for the following VIS documents, and **new VIS codes (fully-encoded text strings)** have been added: | | The VIS **Descriptions** and associated VIS **Codes** have been added to the **PHVS\_VISBarcodes\_IIS Value Set** in the Immunization Test Suite |
| **New VIS Document Type Description** | **New VIS Code** |
| HPV Vaccine VIS | 253**0886983000295**11191030 |
| Cholera Vaccine VIS | 253**0886983000318**11191030 |
| Recombinant Zoster Vaccine VIS | 253**0886983000325**11191030 |
| Hib Vaccine VIS | 253**0886983000066**11191030 |
| PCV13 VIS | 253**0886983000158**11191030 |
| PPSV23 VIS | 253**0886983000165**11191030 |
| Polio Vaccine VIS | 253**0886983000172**11191030 |
| Rotavirus Vaccine VIS | 253**0886983000196**11191030 |
| Live Zoster Vaccine VIS | 253**0886983000202**11191030 |
| Typhoid VIS | 253**0886983000233**11191030 |

**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.) |