**Syndromic Surveillance Test Suite Release Notes for 1.4.0 June 8, 2016**

Test Data

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

Specific Validation

|  |  |
| --- | --- |
| **Issue** | **Resolution** |
| The prior version of the ONC Test Procedure document for the §170.315(f)(2) Transmission to public health agencies – syndromic surveillance criterion stated:  “The Health IT module creates syndromic surveillance content using ONC Supplied Test data for each of the test cases under the ONC 2015 Certification Test Plan on the Context-Based Validation Tab of the NIST HL7 v2Syndromic Surveillance Test Suite. All test cases are required. Input may be performed using manual or automated processes.”  In response to objections from vendors whose Health IT Modules are not applicable to all of the health care settings named in the *HL7 v2.5.1 PHIN Messaging Guide for Syndromic Surveillance: Emergency Department, Urgent Care, Inpatient and Ambulatory Care Settings, Release 2.0, April 21, 2015*, *and Erratum to the CDC PHIN 2.0 Implementation Guide, August 20, 2015*, the ONC Test Procedure document was modified as of 4/28/16 to state:  The health IT developer identifies which of the health care setting(s) (Emergency Department, Inpatient, Urgent Care) are applicable to the system under test. The Health IT Module creates syndromic surveillance content using ONC Supplied Test data for each of the test cases for the identified health care setting(s) under the ONC 2015 Certification Test Plan on the Context-Based Validation Tab of the NIST HL7 v2 Syndromic Surveillance Test Suite. All test cases are required that apply to the health care setting(s) supported by the system under test. Input may be performed using manual or automated processes.  In order to be conformant to the PHIN Messaging Guide and associated Erratum, HIT developers must demonstrate for certification testing that their Module supports ICD-9CM, ICD-10CM, and SNOMED CT value sets for PV2-3 (Admit/Encounter Reason) and DG1-3 (Diagnosis Code).  The Test Cases and Test Data in the Edition 2015 NIST Syndromic Surveillance Test Tool were designed to support certification testing using all of the Test Cases.   * The Urgent Care Visit Test Case was designed to test the HIT Module’s support for ICD-9CM codes * The ED Visit with Mortality and Inpatient Visit Test Cases were designed to test the HIT Module’s support for ICD-10CM codes * The ED Visit with Inpatient Admission Test Case was designed to test the HIT Module’s support for SNOMED-CT codes | In the NIST Syndromic Surveillance Test Tool, verbiage has been added in the **Notes for Testers** **section** of the **Test Story tab** **for each Test Step** to provide detailed instructions to the Tester regarding how to ensure testing includes demonstration of support for ICD-9CM, ICD-10CM, and SNOMED CT value sets for PV2-3 and DG1-3 for instances when an HIT developer indicates their Module does not support all of the health care settings. |

Documentation

| **Issue** | **Resolution** |
| --- | --- |
| The prior version of the ONC Test Procedure document for the §170.315(f)(2) Transmission to public health agencies – syndromic surveillance criterion stated:  “The Health IT module creates syndromic surveillance content using ONC Supplied Test data for each of the test cases under the ONC 2015 Certification Test Plan on the Context-Based Validation Tab of the NIST HL7 v2Syndromic Surveillance Test Suite. All test cases are required. Input may be performed using manual or automated processes.”  In response to objections from vendors whose Health IT Modules are not applicable to all of the health care settings named in the *HL7 v2.5.1 PHIN Messaging Guide for Syndromic Surveillance: Emergency Department, Urgent Care, Inpatient and Ambulatory Care Settings, Release 2.0, April 21, 2015*, *and Erratum to the CDC PHIN 2.0 Implementation Guide, August 20, 2015*, the ONC Test Procedure document was modified as of 4/28/16 to state:  The health IT developer identifies which of the health care setting(s) (Emergency Department, Inpatient, Urgent Care) are applicable to the system under test. The Health IT Module creates syndromic surveillance content using ONC Supplied Test data for each of the test cases for the identified health care setting(s) under the ONC 2015 Certification Test Plan on the Context-Based Validation Tab of the NIST HL7 v2 Syndromic Surveillance Test Suite. All test cases are required that apply to the health care setting(s) supported by the system under test. Input may be performed using manual or automated processes.  In order to be conformant to the PHIN Messaging Guide and associated Erratum, HIT developers must demonstrate for certification testing that their Module supports ICD-9CM, ICD-10CM, and SNOMED CT value sets for PV2-3 (Admit/Encounter Reason) and DG1-3 (Diagnosis Code).  The Test Cases and Test Data in the Edition 2015 NIST Syndromic Surveillance Test Tool were designed to support certification testing using all of the Test Cases.   * The Urgent Care Visit Test Case was designed to test the HIT Module’s support for ICD-9CM codes * The ED Visit with Mortality and Inpatient Visit Test Cases were designed to test the HIT Module’s support for ICD-10CM codes * The ED Visit with Inpatient Admission Test Case was designed to test the HIT Module’s support for SNOMED-CT codes | The following modifications were made in the **NIST Syndromic Surveillance Normative Test Process Document**:  Informative Test Description Section   * Information added to inform Testers that HIT developers must demonstrate that their Module supports ICD-9CM, ICD-10CM, and SNOMED CT value sets for PV2-3 (Admit/Encounter Reason) and DG1-3 (Diagnosis Code) in order to be conformant to the PHIN Messaging Guide and associated Erratum.   Test Data Section – Navigating a Test Case   * Explanation added to inform Testers how HIT developers must demonstrate that their Module supports ICD-9CM, ICD-10CM, and SNOMED CT value sets for PV2-3 (Admit/Encounter Reason) and DG1-3 (Diagnosis Code) in order to be conformant to the PHIN Messaging Guide and associated Erratum. * Column that shows Value Set of Provided Codes for each Test Step was added to Table 1 |

User Interface

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

Core Functionality

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

|  |
| --- |
| **Improvements/Features** |
| None |

Issues for a Future Release

|  |  |
| --- | --- |
| **Test Case/if Applicable** | **Issue** |
| None |  |