

2015 Edition §170.315(f)(6) Transmission to public health agencies – antimicrobial use and resistance reporting					
Testing Components:					
Test Procedure Version 1.1 – Last Updated 10/27/15					

Please consult the Final Rule entitled: *2015 Edition Health Information Technology (Health IT) Certification Criteria, 2015 Edition Base Electronic Health Record (EHR) Definition, and ONC Health IT Certification Program Modifications* for a detailed description of the certification criterion with which these testing steps are associated. We also encourage developers to consult the Certification Companion Guide in tandem with the test procedure as they provide clarifications that may be useful for product development and testing.

Note: The order in which the test steps are listed reflects the sequence of the certification criterion and does not necessarily prescribe the order in which the test should take place.

Required Tests

(f)(6) Transmission to public health agencies – antimicrobial use and resistance reporting

Create antimicrobial use and resistance reporting information for electronic transmission in accordance with the standard specified in § 170.205(r)(1).

Standard(s): § 170.205(r)(1) The following sections of [HL7 Implementation Guide for CDA® Release 2 – Level 3: Healthcare Associated Infection Reports, Release 1, U.S. Realm](#) (incorporated by reference in § 170.299). Technology is only required to conform to the following sections of the implementation guide:

- (i) HAI Antimicrobial Use and Resistance (AUR) Antimicrobial Resistance Option (ARO) Report (Numerator) specific document template in Section 2.1.2.1 (pages 69-72);
- (ii) Antimicrobial Resistance Option (ARO) Summary Report (Denominator) specific document template in Section 2.1.1.1 (pages 54-56); and
- (iii) Antimicrobial Use (AUP) Summary Report (Numerator and Denominator) specific document template in Section 2.1.1.2 (pages 56-58).

Test Tool: [CDC's NHSN CDA Validator](#)

Criteria ¶	System Under Test	Test Lab Verification
(f)(6)	<p>1. The Health IT module creates Antimicrobial use and resistance reporting information in accordance with the following sections of the standard specified at §170.205(r)(1), HL7 Implementation Guide for CDA® Release 2 – Level 3: Healthcare Associated Infection Reports, Release 1, U.S. Realm:</p> <ul style="list-style-type: none"> • HAI Antimicrobial Use and Resistance (AUR) Antimicrobial Resistance Option Report (Numerator), document template in Section 2.1.2.1; • Antimicrobial Resistance Option (ARO) Summary Report (Denominator), document template in Section 2.1.1.1; and • Antimicrobial Use (AUP) Summary Report (Numerator and Denominator), document template in Section 2.1.1.2. 	<p>1. The tester verifies through visual inspection that the documents generated are correct and without omission, reflecting the data entered into the Health IT module, using value sets specified by the HL7 HAI Reports implementation guide.</p> <p>2. The tester imports each antimicrobial use and resistance reporting document into the test tool for validation and uses the Validation Report produced by the test tool to verify the report indicates passing without error to confirm that the Antimicrobial use and resistance reporting document is conformant to the specified templates of the §170.205(r)(1) HL7 Implementation Guide for CDA® Release 2 – Level 3: Healthcare Associated Infection Reports, Release 1, U.S. Realm.</p>

Document History

Version Number	Description of Change	Date
1.0	Released for Comment - NPRM	March 31, 2015
1.1	Released for Comment - FR	October 27, 2015

Dependencies: For all related and required criteria, please refer to the [Master Table of Related and Required Criteria](#).