

2015 Edition §170.315(c)(2) Clinical Quality Measures – Import and Calculate

NCQA will use the ONC Cypress gold standard test procedures and tools for testing the following measures. For these specific measures, vendors will follow the testing steps as outlined in the most current version of the § 170.315(c)(2) Test Procedure found at <https://www.healthit.gov/policy-researchers-implementers/2015-edition-test-method>.

2017 Performance Period eQMs Tested with Cypress				
CMS22v5	CMS68v6	CMS138v5	CMS148v5	CMS177v5
CMS50v5	CMS69v5	CMS139v5	CMS149v5	CMS179v5
CMS52v5	CMS75v5	CMS140v5	CMS157v5	CMS182v6
CMS56v5	CMS77v5	CMS141v6	CMS158v5	
CMS61v6	CMS90v6	CMS142v5	CMS161v5	
CMS62v5	CMS129v6	CMS143v5	CMS163v5	
CMS64v6	CMS132v5	CMS144v5	CMS164v5	
CMS65v6	CMS133v5	CMS145v5	CMS167v5	
CMS66v5	CMS135v5	CMS147v6	CMS169v5	
2018 Performance Period eQMs Tested with Cypress				
CMS22v6	CMS68v7	CMS138v6	CMS149v6	CMS177v6
CMS50v6	CMS69v6	CMS139v6	CMS157v6	CMS347v1
CMS52v6	CMS75v6	CMS142v6	CMS158v6	CMS645V1
CMS56v6	CMS90v7	CMS143v6	CMS161v6	
CMS65v7	CMS129v7	CMS144v6	CMS164v6	
CMS66v6	CMS132v6	CMS145v6	CMS167v6	
	CMS133v6	CMS147v7	CMS169v6	
	CMS135v6			

NCQA will use their own test decks and [Online Scoring Program](#) for testing the following measures. Vendors will follow the testing steps outlined below.

2017 Performance Period eQMs Tested with NCQA				
CMS2v6	CMS123v5	CMS128v5	CMS137v5	CMS156v5
CMS74v6	CMS124v5	CMS130v5	CMS146v5	CMS159v5
CMS82v4	CMS125v5	CMS131v5	CMS153v5	CMS160v5
CMS117v5	CMS126v4	CMS134v5	CMS154v5	CMS165v5
CMS122v5	CMS127v5	CMS136v6	CMS155v5	CMS166v6
2018 Performance Period eQMs Tested with NCQA				
CMS2v7	CMS123v6	CMS128v6	CMS137v6	CMS156v6
CMS74v7	CMS124v6	CMS130v6	CMS146v6	CMS159v6
CMS82v5	CMS125v6	CMS131v6	CMS153v6	CMS160v6
CMS117v6	CMS126v5	CMS134v6	CMS154v6	CMS165v6
CMS122v6	CMS127v6	CMS136v7	CMS155v6	CMS166v7

Steps for Testing Measures Using NCQA Test Decks

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 [eCQM Testing Guide](#) in tandem with the test procedure as it provides clarifications that may be useful for testing.

Required Tests

(c)(2) Import

(i) **Import:** Enable a user to import a data file in accordance with the standard specified in § 170.205(h)(2) for one or multiple patients and use such data to perform the capability specified in paragraph (c)(2)(ii) of this section. A user must be able to execute this capability at any time the user chooses and without subsequent developer assistance to operate.

Standard(s): § 170.205(h)(2) [HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture – Category I \(QRDA I\); Release 1, DSTU Release 3 \(US Realm\)](#), Volume 1 – Introductory Material and HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture – Category I (QRDA I); Release 1, DSTU Release 3 (US Realm), Volume 2 – Templates and Supporting Material (incorporated by reference in § 170.299) .

Test Data: [NCQA Test Deck](#)

Test Tool: [NCQA Online Scoring Program](#)

Criteria ¶	System Under Test	Test Lab Verification
(i)	<p><u>Execute Any time</u></p> <ol style="list-style-type: none"> 1. The health IT developer supplies documentation outlining how a user can execute the import capability described in (c)(2)(i) any time the user chooses and without subsequent developer assistance to operate. <p><u>Setup</u></p> <ol style="list-style-type: none"> 2. The Health IT Module provides the following information as part of the NCQA application: <ul style="list-style-type: none"> • Name of the health IT developer; • Name of the Product; and • List of CQMs to be certified. <p><u>Import</u></p> <ol style="list-style-type: none"> 3. After the user tests the measure, a user demonstrates the importing of reports formatted in accordance with the standard specified at §170.205(h)(2), HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture – Category I(QRDA I) DSTU Release 4 (US Realm) for all of the data needed to calculate each of the clinical quality measures (CQMs) presented for testing, for one or multiple patients. 	<p><u>Execute Any time</u></p> <ol style="list-style-type: none"> 1. The tester verifies that the health IT developer supplied documentation that outlines that a user can perform an import as specified in (c)(2)(i) any time the user chooses and without subsequent developer assistance to operate. <p><u>Setup</u></p> <ol style="list-style-type: none"> 2. The tester creates the test decks for the corresponding CQMs being tested. <p><u>Import</u></p> <ol style="list-style-type: none"> 3. Using visual inspection, the tester verifies that the Health IT Module can demonstrate the importing of CQM data specified in accordance to the standard § 170.205(h)(2).

(c)(2) Calculate:

(ii) Calculate each and every clinical quality measure for which it is presented for certification.

Standard(s): § 170.205(h)(2) [HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture – Category I \(QRDA I\); Release 1, DSTU Release 3 \(US Realm\)](#), Volume 1 – Introductory Material and HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture – Category I (QRDA I); Release 1, DSTU Release 3 (US Realm), Volume 2 – Templates and Supporting Material (incorporated by reference in § 170.299)
 §170.205(k)(1) [HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture \(QRDA III\), Release 1, STU Release 2 \(US Realm\)](#) (incorporated by reference in § 170.299).
 §170.205(k)(2) [Errata to the HL7 Implementation Guide for CDA® R2: Quality Reporting Document Architecture – Category III, DSTU Release 1 \(US Realm\), September 2014](#) (incorporated by reference in § 170.299).

Test Data: [NCQA Test Deck](#)

Test Tool: [NCQA Online Scoring Program](#)

Criteria ¶	System Under Test	Test Lab Verification
(ii)	<p><u>Calculate</u></p> <ol style="list-style-type: none"> The user imports all the data needed to calculate each of the clinical quality measures (CQMs) presented for testing for one or multiple patients, supplied by NCQA through the Online Scoring Program in CCD format. The user calculates the aggregate reports for each of the CQMs for which they are seeking certification, based upon the imported and de-duplicated data set. The health IT module submits an aggregate report to the Online Scoring Program for each of the CQMs to be certified. 	<p><u>Calculate</u></p> <ol style="list-style-type: none"> The tester verifies that the Health IT Module can use the imported data to calculate the aggregate data and display the report in accordance at a minimum to the standard at 170.205(k)(1) and (2) using visual inspection. The tester uses the Online Scoring Program to verify the report was submitted and the results were accurate. All data and results will be archived from the online scoring program.

Revision History

Version	Primary Author(s)	Description of Version	Date Completed
0.1	Anne Marie Smith	Initial Draft Version	5/1/2017
1.0	Anne Marie Smith	First Published Version	6/23/2017