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.

2018 Performance Period eCQMs Tested with Cypress				
CMS22v6	CMS75v6	CMS142v6	CMS161v6	CMS347v1
CMS52v6	CMS129v7	CMS143v6	CMS167v6	CMS645V1
CMS56v6	CMS132v6	CMS157v6	CMS169v6	
CMS66v6	CMS133v6	CMS158v6	CMS177v6	
2019 Performance Period eCQMs Tested with Cypress				
CMS22v7	CMS132v7	CMS143v7	CMS161v7	CMS645v2
CMS52v7	CMS133v7	CMS157v7	CMS167v7	
CMS129v8	CMS142v7	CMS158v7	CMS169v7	
2020 Performance Period eCQMs Tested with Cypress				
CMS22v8	CMS 129v9	CMS249v2	CMS645v3	CMS771v1

Better health care. Better choices. Better health.

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

2018 Performance Period eCQMs Tested with NCQA				
CMS2v7	CMS117v6	CMS131v6	CMS145v6	CMS159v6
CMS50v6	CMS122v6	CMS134v6	CMS146v6	CMS160v6
CMS65v7	CMS123v6	CMS135v6	CMS147v7	CMS164v6
CMS68v7	CMS124v6	CMS136v7	CMS149v6	CMS165v6
CMS69v6	CMS125v6	CMS137v6	CMS153v6	CMS166v7
CMS74v7	CMS127v6	CMS138v6	CMS154v6	
CMS82v5	CMS128v6	CMS139v6	CMS155v6	
CMS90v7	CMS130v6	CMS144v6	CMS156v6	
2019 Performance Period eCQMs Tested with NCQA				
CMS2v8	CMS82v6	CMS130v7	CMS144v7	CMS156v7
CMS50v7	CMS90v8	CMS131v7	CMS145v7	CMS159v7
CMS56v7	CMS117v7	CMS134v7	CMS146v7	CMS160v7
CMS66v7	CMS122v7	CMS135v7	CMS147v8	CMS165v7
CMS68v8	CMS124v7	CMS136v8	CMS149v7	CMS177v7
CMS69v7	CMS125v7	CMS137v7	CMS153v7	CMS347v2
CMS74v8	CMS127v7	CMS138v7	CMS154v7	
CMS75v7	CMS128v7	CMS139v7	CMS155v7	
2020 Performance Period eCQMs Tested with NCQA				
CMS2v9	CMS117v8	CMS134v8	CMS145v8	CMS159v8
CMS50v8	CMS122v8	CMS135v8	CMS146v8	CMS161v8
CMS56v8	CMS124v8	CMS136v9	CMS147v9	CMS165v8
CMS66v8	CMS125v8	CMS137v8	CMS149v8	CMS177v8
CMS68v9	CMS127v8	CMS138v8	CMS153v8	CMS347v3
CMS69v8	CMS128v8	CMS139v8	CMS154v8	CMS 349v2
CMS74v9	CMS130v8	CMS142v8	CMS155v8	
CMS75v8	CMS131v8	CMS143v8	CMS156v8	
CMS90v9	CMS133v8	CMS144v8	CMS157v8	

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.

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.

Regulation Text:

§170.315 (c)(2) Clinical quality measures—import and calculate—

(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.

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

Standard(s) Referenced:

Paragraph (c)(2)(i)

§ 170.205(h)(2) HL7 CDA® Release 2 Implementation Guide for: Quality Reporting Document Architecture

– Category I (QRDA I); Release 1, DSTU Release 3 (US Realm), Volume 1

Additional Resources

§ 170.205(k)(1) Quality Reporting Document Architecture Category III, Implementation Guide for CDA Release 2

§ 170.205(k)(2) Errata to the HL7 Implementation Guide for CDA® Release 2: Quality Reporting Document Architecture—Category III, DSTU Release 1 (US Realm), September 2014

Test Tool: NCQA Online Scoring Program

Paragraph (c)(2)(i)

System Under Test	Test Lab Verification
Execute Any time 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. Setup 2. The Health IT Module provides the following information as part of the NCQA application: • Name of the health IT developer; • Name of the Product; • List of CQMs to be certified; and • List of certification criteria to be tested Import 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 for: Quality Reporting Document Architecture – Category I (QRDA I); Release 1, DSTU Release 3, Volume 1 for all of the data needed to calculate each of the clinical quality measures (CQMs) presented for testing, for one or multiple patients.	Execute Any time 1. The tester verifies that the health IT developer supplied documentation 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. Setup 2. The tester creates the test decks for the corresponding CQMs being tested. Import 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).

Paragraph (c)(2)(ii)

System Under Test	Test Lab Verification

Calculate
 	
1. 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.
 	
2. 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.
 	
3. The health IT module submits an aggregate report to the Online Scoring Program for each of the CQMs to be certified.
	Calculate
	
	1. 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.
	
	2. 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.
	
	Packaging of Results
	
	3. The tester generates a test artifact containing the following into a single archived file and any additional notes that the tester deems important:
	
	   a. Results submitted by the SUT; and
	
	   b. Copies of the test decks generated for the SUT.

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
2.0	Rebeccah Baer	Added additional measures to the 2018 NCQA table	6/21/2018
3.0	Rebeccah Baer	Added 2019 measures to the NCQA table	11/21/2019
4.0	Tess Rayle	Added 2020 measures to the NCQA and Cypress tables	12/18/2019
5.0	Lisa Anderson	Updated tables with information from ONC testing site	12/23/2019
6.0	Lisa Anderson	Removed 2017 Performance Period eCQMs from tables	2/6/2020