

2015 Edition Master Table of Related and Required Criteria

Version 1.2– Last Updated 08/17/18

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 requirements. We also encourage developers to consult the Certification Companion Guide as they provide clarifications that may be useful for product development and testing.

Privacy and Security

The revised Privacy and Security certification approach for the 2015 Edition was adjusted so that each certification criterion has a set of appropriate P&S “safeguards” that must be in place. It is required that an ONC-ACB must ensure that a Health IT Module presented for certification to any of the certification criteria that fall into each regulatory text “first level paragraph” category of § 170.315 (e.g., § 170.315(a)) identified below would be certified to either Approach 1 (technically demonstrate) or Approach 2 (system documentation). For each applicable P&S certification criterion not certified for approach 1, the health IT developer may certify for the criterion using system documentation sufficiently detailed to enable integration with external services necessary to meet the criterion.

Criteria	§ 170.315 (d)(1) Authentication, Access Control, Authorization	§ 170.315 (d)(2) Auditable Events and Tamper-resistance	§ 170.315 (d)(3) Audit Report(s)	§ 170.315 (d)(4) Amendments	§ 170.315 (d)(5) Automatic Access Time-out	§ 170.315 (d)(6) Emergency Access	§ 170.315 (d)(7) End-User Device Encryption	§ 170.315 (d)(8) Integrity	§ 170.315 (d)(9) Trusted Connection	§ 170.315 (d)(10) Auditing Actions on Health Information
§ 170.315 (a)(1) - (a)(15)	C	C	C	C	C	C	C			
§ 170.315 (b)(1) – (b)(9)	C	C	C		C	C	C	C		
§ 170.315 (c)(1) – (c)(4) Clinical Quality Measures	C	C	C		C					
§ 170.315 (e)(1) View, Download, and Transmit to 3 rd Party	C	C	C		C		C		C	
§ 170.315 (e)(2) & (e)(3)	C	C	C		C				C	
§ 170.315 (f)(1) – (f)(7)	C	C	C				C			
§ 170.315 (g)(7) – (g)(9) Application Access	C	Either 170.315 (d)(2) OR § 170.315 (d)(10)							C	Either 170.315 (d)(2) OR § 170.315 (d)(10)
§ 170.315 (h)(1) & (h)(2) Direct	C	C	C							

Related and Required Criteria

The table below outlines the general criteria requirements and options such as Safety Enhanced Design and Gap Eligibility. The 2015 Final Rule no longer requires ONC-ACBs to certify Health IT Modules to the 2015 Edition “meaningful use measurement” certification criteria (§ 170.315(g)(1) “automated numerator recording” and § 170.315(g)(2) “automated measure calculation”). This will make the ONC Health IT Certification more accessible to the certification of health IT for other purposes beyond the EHR Incentive Programs. We also emphasized that this proposed approach would not preclude health IT developers from seeking certification to § 170.315(g)(1) or (2) in support of their customers' and providers' needs related to the EHR Incentive Programs.

Criteria	Gap Eligibility with criteria mapped from 2014	General Optional Testing	Ambulatory Optional Testing	Inpatient Optional Testing	CCDS	§ 170.315 (g)(3) SED	§ 170.315 (g)(4) QMS	§ 170.315 (g)(5) Accessibility-centered Design	§ 170.315 (g)(6) Consolidated CDA Creation Performance
§ 170.315 (a)(1) Computerized Provider Order Entry (CPOE) – Medications	§ 170.314(a)(1) -- § 170.314(a)(18)	(a)(1)(ii) – Includes “reason for order”				C	C	C	
§ 170.315 (a)(2) CPOE - Laboratory	§ 170.314(a)(2) -- § 170.314(a)(19)	(a)(2)(ii) – Includes “reason for order”				C	C	C	
§ 170.315 (a)(3) CPOE - Diagnostic Imaging	§ 170.314(a)(1) -- § 170.314(a)(20)	(a)(3)(ii) – Includes “reason for order”				C	C	C	
§ 170.315 (a)(4) Drug-drug, Drug-allergy Interaction Checks for CPOE	§ 170.314(a)(2)					C	C	C	
§ 170.315 (a)(5) Demographics				(a)(5)(ii) – Preliminary cause of death and date of death		C	C	C	
§ 170.315 (a)(6) Problem List			(a)(6)(i) – Over multiple encounters	(a)(6)(ii) – For the duration of an entire hospitalization		C	C	C	
§ 170.315 (a)(7) Medication List	§ 170.314(a)(6)		(a)(7)(i) - Over multiple encounters	(a)(7)(ii) – For the duration of an entire hospitalization		C	C	C	
§ 170.315 (a)(8) Medication Allergy List	§ 170.314(a)(7)		(a)(8)(i) - Over multiple encounters	(a)(8)(ii) – For the duration of an entire hospitalization		C	C	C	
§ 170.315 (a)(9) Clinical Decision Support						C	C	C	
§ 170.315 (a)(10) Drug-formulary and Preferred Drug List Checks	§ 170.314(a)(10)						C	C	

Criteria	Gap Eligibility with criteria mapped from 2014	General Optional Testing	Ambulatory Optional Testing	Inpatient Optional Testing	CCDS	§ 170.315 (g)(3) SED	§ 170.315 (g)(4) QMS	§ 170.315 (g)(5) Accessibility-centered Design	§ 170.315 (g)(6) Consolidated CDA Creation Performance
§ 170.315 (a)(11) Smoking Status	§ 170.314(a)(11)						C	C	
§ 170.315 (a)(12) Family Health History							C	C	
§ 170.315 (a)(13) Patient-specific Education Resources		(a)(13)(ii) – patient-specific resources based on preferred language in accordance with §170.207(g)(2)					C	C	
§ 170.315 (a)(14) Implantable Device List						C	C	C	
§ 170.315 (a)(15) Social, Psychological, and Behavioral Data							C	C	
§ 170.315 (b)(1) Transitions of Care		(b)(1)(iii)(G)(1)(i) - Includes time zone offset with DOB	(b)(1)(iii)(E) - Reason for referral, referring provider's name and contact	(b)(1)(ii)(A) and (b)(1)(iii) - Discharge Summary document templates (b)(1)(iii)(F) – Discharge instructions	C		C	C	C
§ 170.315 (b)(2) Clinical Information Reconciliation and Incorporation				(b)(2)(i) -Discharge Summary document templates		C	C	C	C
§ 170.315 (b)(3) Electronic Prescribing		(b)(3)(iii) – Transmit and receive the reason for the prescription using the Indication elements in the SIG Segment for all transactions.				C	C	C	
§ 170.315 (b)(4) Common Clinical Data Set Summary Record - Create		(b)(4)(vii)(A)(2) – Includes time zone offset with DOB	(b)(4)(v) - Reason for referral, referring provider's name and contact	(b)(4)(vi) - Discharge instructions	C		C	C	C

Criteria	Gap Eligibility with criteria mapped from 2014	General Optional Testing	Ambulatory Optional Testing	Inpatient Optional Testing	CCDS	§ 170.315 (g)(3) SED	§ 170.315 (g)(4) QMS	§ 170.315 (g)(5) Accessibility-centered Design	§ 170.315 (g)(6) Consolidated CDA Creation Performance
§ 170.315 (b)(5) Common Clinical Data Set Summary Record - Receive			(b)(5)(i)(E) - Reason for referral, referring provider's name and contact	(b)(5)(i) and (5)(ii)(A)(1) - Discharge Summary document templates. (b)(5)(i)(F) -- Discharge instructions	C		C	C	
§ 170.315 (b)(6) Data Export			(b)(6)(E) - Reason for referral, referring provider's name and contact	(b)(6)(F) -- Discharge instructions	C		C	C	C
§ 170.315 (b)(7) Data Segmentation for Privacy – Send							C	C	
§ 170.315 (b)(8) Data Segmentation for Privacy – Receive							C	C	
§ 170.315 (b)(9) Care Plan							C	C	C
§ 170.315 (c)(1) Clinical Quality Measures (CQM) – Record and Export							C	C	
§ 170.315 (c)(2) CQM – Import and Calculate							C	C	
§ 170.315 (c)(3) CQM - Report		(c)(3)(ii) – QRDA reports can be electronically accepted by CMS					C	C	
§ 170.315 (c)(4) CQM – Filter							C	C	
§ 170.315 (d)(1) Authentication, Access Control, Authorization	§ 170.314(d)(1)						C	C	

Criteria	Gap Eligibility with criteria mapped from 2014	General Optional Testing	Ambulatory Optional Testing	Inpatient Optional Testing	CCDS	§ 170.315 (g)(3) SED	§ 170.315 (g)(4) QMS	§ 170.315 (g)(5) Accessibility-centered Design	§ 170.315 (g)(6) Consolidated CDA Creation Performance
§ 170.315 (d)(2) Auditable Events and Tamper-resistance							C	C	
§ 170.315 (d)(3) Audit Report(s)							C	C	
§ 170.315 (d)(4) Amendments	§ 170.314(d)(4)						C	C	
§ 170.315 (d)(5) Automatic Access Time-out	§ 170.314(d)(5)						C	C	
§ 170.315 (d)(6) Emergency Access	§ 170.314(d)(6)						C	C	
§ 170.315 (d)(7) End-User Device Encryption	§ 170.314(d)(7)						C	C	
§ 170.315 (d)(8) Integrity							C	C	
§ 170.315 (d)(9) Trusted Connection							C	C	
§ 170.315 (d)(10) Auditing Actions on Health Information							C	C	
§ 170.315 (d)(11) Accounting of Disclosures	§ 170.314(d)(9)						C	C	

Criteria	Gap Eligibility with criteria mapped from 2014	General Optional Testing	Ambulatory Optional Testing	Inpatient Optional Testing	CCDS	§ 170.315 (g)(3) SED	§ 170.315 (g)(4) QMS	§ 170.315 (g)(5) Accessibility-centered Design	§ 170.315 (g)(6) Consolidated CDA Creation Performance
§ 170.315 (e)(1) View, Download, and Transmit to 3 rd Party			(e)(1)(i)(A)(2) and (e)(1)(i)(B)(2)(i) – Provider’s name and office contact	(e)(1)(i)(A)(3) and (e)(1)(i)(B)(2)(ii) - Admission and discharge dates and locations; discharge instructions; and reason(s) for hospitalization. (e)(1)(i)(B)(3) - Patients (and their authorized representatives) must be able to download transition of care/referral summaries that were created as a result of a transition of care (pursuant to the capability expressed in the certification criterion specified in paragraph (b)(1) of this section). (e)(1)(i)(C)(2) - Transmit transition of care/referral summaries (as a result of a transition of care/referral as referenced by (e)(1)(i)(B)(3)) of this section selected by the patient (or their authorized representative) in both of the ways referenced (e)(1)(i)(C)(1)(i) and (ii) of this section)	C		C	C	C
§ 170.315 (e)(2) Secure Messaging							C	C	
§ 170.315 (e)(3) Patient Health Information Capture							C	C	
§ 170.315 (f)(1) Transmission to Immunization Registries							C	C	
§ 170.315 (f)(2) Transmission to Public Health Agencies – Syndromic Surveillance							C	C	

Criteria	Gap Eligibility with criteria mapped from 2014	General Optional Testing	Ambulatory Optional Testing	Inpatient Optional Testing	CCDS	§ 170.315 (g)(3) SED	§ 170.315 (g)(4) QMS	§ 170.315 (g)(5) Accessibility-centered Design	§ 170.315 (g)(6) Consolidated CDA Creation Performance
§ 170.315 (f)(3) Transmission to Public Health Agencies – Reportable Laboratory Tests and Values/Results	§ 170.314(f)(4)						C	C	
§ 170.315 (f)(4) Transmission to Cancer Registries							C	C	
§ 170.315 (f)(5) Transmission to Public Health Agencies – Case Reporting							C	C	
§ 170.315 (f)(6) Transmission to Public Health Agencies – Antimicrobial Use and Resistance Reporting							C	C	
§ 170.315 (f)(7) Transmission to Public Health Agencies – Health Care Surveys							C	C	
§ 170.315 (g)(1) Automated Numerator Recording							C	C	
§ 170.315 (g)(2) Automated Measure Calculation							C	C	
§ 170.315 (g)(6) Consolidated CDA Creation Performance					C		C	C	
§ 170.315 (g)(7) Application Access - Patient Selection							C	C	

Criteria	Gap Eligibility with criteria mapped from 2014	General Optional Testing	Ambulatory Optional Testing	Inpatient Optional Testing	CCDS	§ 170.315 (g)(3) SED	§ 170.315 (g)(4) QMS	§ 170.315 (g)(5) Accessibility-centered Design	§ 170.315 (g)(6) Consolidated CDA Creation Performance
§ 170.315 (g)(8) Application Access - Data Category Request					C		C	C	
§ 170.315 (g)(9) Application Access - All Data Request					C		C	C	C
§ 170.315 (h)(1) Direct Project							C	C	
§ 170.315 (h)(2) Direct Project, Edge Protocol, and XDR/XDM							C	C	

Required Tests for §170.315(g)(1) and §170.315(g)(2)

The following table from § 170.315 (g)(1) and § 170.315 (g)(2) provides a description of the Modified Stage 2 2015 – 2017 and Stage 3 Medicare and Medicaid Electronic Health Record (EHR) Incentive Program and the ACI Modified Stage 2 and ACI objectives supported by the measure calculation (§170.315(g)(1) and §170.315(g)(2)) certification criteria.

Meaningful Use Modified Stage 2 2015 – 2017, Stage 3, ACI Transition, and ACI Percentage-Based Measures	Certification Criteria that Directly Correlate with Utilization Expected by Meaningful Use Percentage-based measure(s)	Comments, Additional Certification Criteria
<p>Required Test 1 - ePrescribing</p> <p>Modified Stage 2 Objective 4 and Stage 3 Objective 2</p> <p>ACI Transition Objective 2 Measure 1 and ACI Objective 2 Measure 1</p>	<p>§170.315(b)(3) Electronic Prescribing</p> <p>§170.315(a)(10) Drug- Formulary and Preferred Drug List Checks</p>	<p>--</p>
<p>Required Test 2a, b, or c – Patient Electronic Access</p> <p>Modified Stage 2 Objective 8 Measure 1 and Stage 3 Objective 5 Measure 1</p> <p>ACI Transition Objective 3 Measure 1 and ACI Objective 3 Measure 1</p>	<p>§170.315(e)(1) View, Download, and Transmit to 3rd party</p> <p>§170.315(g)(8) Application Access – Data Category Request</p> <p>§170.315(g)(9) Application Access – All Data Request</p>	<p>§170.315(g)(8) Application Access – Data Category Request, §170.315(g)(9) Application Access – All Data Request support the Stage 3 measure only</p>
<p>Required Test 3 – Patient Education</p> <p>Modified Stage 2 Objective 6 and Stage 3 Objective 5 Measure 2</p> <p>ACI Transition Objective 4 Measure 1 and ACI Objective 3 Measure 2</p>	<p>§170.315(a)(13) Patient-Specific Education Resources</p>	<p>--</p>
<p>Required Test 4a, b, or c – View, Download, Transmit</p> <p>Modified Stage 2 Objective 8 Measure 2 and Stage 3 Objective 6 Measure 1</p> <p>ACI Transition Objective 3 Measure 2 and ACI Objective 4 Measure 1</p>	<p>§170.315(e)(1) View, Download, and Transmit to 3rd party</p> <p>§170.315(g)(8) Application Access – Data Category Request</p> <p>§170.315(g)(9) Application access – All Data Request</p>	<p>§170.315(g)(8) Application Access – Data Category Request, §170.315(g)(9) Application Access – All Data Request support the Stage 3 measure only</p>
<p>Required Test 5 – Secure Messaging</p> <p>Modified Stage 2 Objective 9 and Stage 3 Objective 6 Measure 2</p> <p>ACI Transition Objective 5 Measure 1 and ACI Objective 4 Measure 2</p>	<p>§170.315(e)(2) Secure Messaging</p>	<p>--</p>
<p>Required Test 6 – Patient Generated Health Data</p> <p>Stage 3 Objective 6 Measure 3</p> <p>ACI Objective 4 Measure 3</p>	<p>§170.315(e)(3) Patient Health Information Capture</p>	<p>--</p>

Meaningful Use Modified Stage 2 2015 – 2017, Stage 3, ACI Transition, and ACI Percentage-Based Measures	Certification Criteria that Directly Correlate with Utilization Expected by Meaningful Use Percentage-based measure(s)	Comments, Additional Certification Criteria
<p>Required Test 7 – Transitions of Care</p> <p>Modified Stage 2 Objective 5 and Stage 3 Objective 7 Measure 1</p> <p>ACI Transition Objective 6 Measure 1 and ACI Objective 5 Measure 1</p>	<p>§170.315(b)(1) Transitions of Care</p>	<p>--</p>
<p>Required Test 8 – Receive and Incorporate</p> <p>Modified Stage 2 Objective 7 and Stage 3 Objective 7 Measure 3</p> <p>ACI Transition Objective 7 Measure 1 and ACI Objective 5 Measure 3</p>	<p>§170.315(b)(2) Clinical Information Reconciliation and Incorporation</p>	<p>§170.315(b)(1) Transitions of Care – receive, display, and incorporate summary care records may support electronic receipt of transitions of care/referral summaries</p>
	<p>OR</p> <p>§170.315(b)(2) Clinical Information Reconciliation and Incorporation</p>	
<p>Required Test 9 – Medication/Clinical Information Reconciliation</p> <p>Stage 3 Objective 7 Measure 2</p> <p>ACI Objective 5 Measure 2</p>	<p>§170.315(b)(2) Clinical Information Reconciliation and Incorporation</p>	<p>§170.315(b)(1) Transitions of Care – receive, display, and incorporate summary care records may support electronic receipt of transitions of care/referral summaries</p>
<p>Required Test 10 – CPOE Medications</p> <p>Modified Stage 2 Objective 3 Measure 1 and Stage 3 Objective 4 Measure 1</p>	<p>§170.315(a)(1) Computerized Provider Order Entry (CPOE) – Medications</p>	<p>--</p>
<p>Required Test 11 – CPOE Laboratory</p> <p>Modified Stage 2 Objective 3 Measure 2 and Stage 3 Objective 4 Measure 2</p>	<p>§170.315(a)(2) CPOE – Laboratory</p>	<p>--</p>
<p>Required Test 12 – CPOE Radiology/Diagnostic Imaging</p> <p>Modified Stage 2 Objective 3 Measure 3 and Stage 3 Objective 4 Measure 3</p>	<p>§170.315(a)(3) CPOE – Diagnostic Imaging</p>	<p>--</p>
<p>Required Test 13 – Query of Prescription Drug Monitoring Program (PDMP)</p>	<p>§170.315(a)(10) Drug-formulary and preferred drug list checks</p> <p>§170.315(b)(3) Electronic Prescribing</p>	<p>--</p>

Meaningful Use Modified Stage 2 2015 – 2017, Stage 3, ACI Transition, and ACI Percentage-Based Measures	Certification Criteria that Directly Correlate with Utilization Expected by Meaningful Use Percentage-based measure(s)	Comments, Additional Certification Criteria
Required Test 14 – Verify Opioid Treatment Agreement	§170.315(a)(10) Drug-formulary and preferred drug list checks §170.315(b)(3) Electronic Prescribing	--
Required Test 15 – Support Electronic Referral Loops by Receiving and Incorporating Health Information	§170.315(b)(1) Transitions of Care §170.315(b)(2) Clinical Information Reconciliation and Incorporation	--

Document History

Version Number	Description of Change	Date
1.0	Final Version	August 28, 2016
1.1	Updated to include the table from § 170.315 (g)(1) and § 170.315 (g)(2) that provides a description of the Modified Stage 2 2015 – 2017 and Stage 3 Medicare and Medicaid Electronic Health Record (EHR) Incentive Program and the ACI Modified Stage 2 and ACI objectives supported by the measure calculation (§170.315(g)(1) and §170.315(g)(2)) certification criteria.	December 14, 2017
1.2	Added Required Tests 13, 14, and 15.	August 17, 2018