

AHQT Readiness Assessment v2.0

Start of Block: Introduction

Q0

Advancing Healthcare Quality Through Technology Readiness Assessment Greetings!
This is an assessment of foundational, technical, administrative, and operational capabilities to assess readiness to transition systems and infrastructure to access, share, and use data electronically for quality improvement. All questions are equally important. Your responses will be highly appreciated.

End of Block: Introduction

Start of Block: POC with autocomplete

Q1 Please identify your facility/practice's primary point of contact (POC) or Facility/Practice Champion for collecting the information needed in this assessment:

Q2 POC Name

Q3 POC Phone Number Ext. XXXX(XXX-XXX-XXXX)

Q4 Setting Type

- ☐ Hospital (1)
- ☐ Nursing Home (2)
- ☐ Outpatient Clinical Practice (3)

Display this question:

If Setting Type = Hospital

Q5a Organization/Facility Name

Display this question:

If Setting Type = Nursing Home

Q5b Organization/Facility Name

Display this question:

If Setting Type = Outpatient Clinical Practice

Q5c Practice Name

Display this question:

If Setting Type != Outpatient Clinical Practice

Q6 Please enter your organization/facility's Organizational CMS Certification Number (CCN)

Display this question:

If Setting Type = Outpatient Clinical Practice

Q7 Please enter your practice Tax Identifier Number (TIN)

Q8 Facility/Practice Address



Q9 State Abbreviation

Q10 Facility/Practice Phone

End of Block: POC with autocomplete

Start of Block: Tiering Questions - First Batch

Q11 Does your organization/practice use internet connectivity to support operations?

☐ Yes (1)

☐ No (please elaborate): (2)

Page Break

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

And Setting Type = Hospital

Q12a Are you an eligible hospital or critical access hospital (CAH) that has successfully attested to the Medicare Promoting Interoperability Program within the past [2 years]? (Promoting Interoperability was previously known as the EHR Incentive Program or Meaningful Use). Please indicate "No" if (a) you are not required to report Promoting Interoperability, (b) you received a hardship exception, or (c) you did not achieve the minimum score required for successful attestation (score greater than 60 points)

☐ Yes (1)

☐ No (3)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

And Setting Type = Outpatient Clinical Practice

Q12b Are you a clinical practice that has attested, logged in, and uploaded or directly submitted data for the Merit-based Incentive Payment System (MIPS) Promoting Interoperability performance category requirements in the Quality Payment Program within the past [2 years]? (Promoting Interoperability was previously known as the EHR Incentive Program or Meaningful Use). Please indicate "No" if (a) you are not required to report Promoting Interoperability, (b) you received a hardship exception, or (c) you did not achieve the minimum score required for successful attestation (score greater than zero)

☐ Yes (1)

☐ No (3)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Are you an eligible hospital or critical access hospital (CAH) that has successfully attested to... = Yes

Or Are you a clinical practice that has attested, logged in, and uploaded or directly submitted data... = Yes

Q13 Do you currently use an electronic health record (EHR) or other Health Information Technology (IT) solution across your organization/practice?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Use both paper and electronic health record (3)

Display this question:

If Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Use both paper and electronic health record

Q14 Who is your EHR vendor? (Please select all that apply).

- ☐ Allscripts (1)
- ☐ Athenahealth (2)
- ☐ eClinicalWorks (3)
- ☐ Epic (4)
- ☐ CPSI (5)
- ☐ Meditech (6)
- ☐ NextGen (7)
- ☐ Oracle Cerner (8)
- ☐ System built in-house (9)
- ☐ Other: (10) _____
-

Q15 Please indicate status to leveraging technology for developing a digital quality measurement infrastructure

	Yes (1)	No (2)
Budget: We have the necessary budget or financial resources. (1)	<input type="radio"/>	<input type="radio"/>
Training: We have the necessary training. (2)	<input type="radio"/>	<input type="radio"/>
Staff: We have the necessary support in terms of trained staff with the skillset required. (3)	<input type="radio"/>	<input type="radio"/>

Q16 In my organization/practice Health IT is supported by:

- ☐ A single staff member with other non-Health IT responsibilities (1)
- ☐ A small internal dedicated Health IT department (1–5 staff) (2)
- ☐ A large internal dedicated Health IT department (more than 5 staff) (3)
- ☐ A combination of internal staff and third-party contractor(s) / vendor(s) (4)
- ☐ Our organization does not have dedicated Health IT staff (5)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Q17 Does your organization/practice currently leverage data and conduct analytics to optimize patient outcomes?

- ☐ Yes, we have established workflows and regularly analyze our patient data to identify gaps in care and implement improvement activities (1)
 - ☐ Yes, we have the capability to leverage data or run reports, but do not use it to conduct any analytic or quality improvement activities (2)
 - ☐ No, we currently do not have the capability to leverage data and conduct analytics to improve quality of care (3)
-

Q18 Are you planning any changes for your primary EHR system within the next 12 months?

- ☐ No (1)
 - ☐ Yes (2)
-

Display this question:

If Are you planning any changes for your primary EHR system within the next 12 months? = Yes

Q19 Select the changes that you are planning to make to your primary EHR system within the next 12 months. Please select all that apply.

- ☐ Initial deployment (1)
 - ☐ Vendor switch (2)
 - ☐ Optimization of functionality for new releases (3)
 - ☐ Significant additional functionalities (e.g., adding modules) (4)
 - ☐ Planned update to newer version of EHR (5)
-

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q20 Is the EHR version you are using compliant with the most recent ONC-certified criteria for Health IT?

- ☐ Yes, EHR complies with the most recent ONC-certification criteria for Health IT (1)
- ☐ No, EHR does not comply with the most recent ONC-certification criteria for Health IT but there is a plan to upgrade to the ONC-certified version (2)
- ☐ No, EHR does not comply with the most recent ONC-certification criteria for Health IT and there is NO plan to upgrade to the ONC-certified version (3)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

And If

Is the EHR version you are using compliant with the most recent ONC-certified criteria for Health... = Yes, EHR complies with the most recent ONC-certification criteria for Health IT

Q21 If you have one or more Health IT product(s) that meets the ONC Certification Criteria for Health IT, please provide your CHPL ID for each certified Health IT product: Certified Health IT Product List (CHPL) Public User Guide. If you are entering multiple products, please separate with a semicolon.

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

And If

Is the EHR version you are using compliant with the most recent ONC-certified criteria for Health... = Yes, EHR complies with the most recent ONC-certification criteria for Health IT

Q22 Please indicate which of the following Health IT capabilities your organization/practice utilizes and whether they are ONC certified

	Capability exists and is ONC certified (1)	Capability exists but not ONC certified (2)	Capability does not exist (3)
a. E-Prescribing (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Query of Prescription Drug Monitoring (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Support Electronic Referral Loops by Sending Health Information (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Support Electronic Referral Loops by Receiving and Reconciling Health Information (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Provider to Patient Exchange (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Syndromic Surveillance Reporting (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Immunization Registry Reporting (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Electronic Case Reporting (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Electronic Reportable Laboratory Result Reporting (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Public Health Registry Reporting (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Electronic Clinical Quality Measures (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. Patient Demographic and Health Information (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

m. Clinical Decision Support (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. Physician Order Entry (14)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. Exchange electronic health information with, and integrate such information from other sources (15)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Tiering Questions - First Batch

Start of Block: Technical Readiness

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q23 Does your organization/practice offer a patient portal?

- ☐ Yes, it is part of our EHR vendor products (1)
- ☐ Yes, we are using a third-party vendor (2)
- ☐ No (3)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q24 How frequently have you transmitted data externally in an electronic format to public health agencies or registries? Such as for public health reporting, registry reporting, for electronic health exchange, or for some other purpose.

- ☐ More than once within the last 12 months (1)
- ☐ Only once within the last 12 months (2)
- ☐ Not within the last 12 months (3)
- ☐ Never (4)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q25 Is a cybersecurity risk analysis an element of your Emergency Preparedness All Hazards Planning or as part of another effort (e.g., performance improvement projects, cyber hygiene review)?

- ☐ Yes (1)
- ☐ No (2)

Display this question:

If Is a cybersecurity risk analysis an element of your Emergency Preparedness All Hazards Planning o... = Yes

Q26 Which framework(s) are you using to conduct security risk analyses for your organization/practice?

	This resource is currently being used (1)
a. NIST 800-66 Rev. 2 Implementing the Health Insurance Portability and Accountability Act (HIPAA) Security Rule: A Cybersecurity Resource Guide (1)	<input type="checkbox"/>
b. NIST 800-66 Rev. 1 An Introductory Resource Guide for Implementing the Health Insurance Portability and Accountability Act (HIPAA) Security Rule (2)	<input type="checkbox"/>
c. NIST SP 800-30 Rev. 1 Guide for Conducting Risk Assessments (3)	<input type="checkbox"/>
d. NIST SP 800-53 Rev. 5 Security and Privacy Controls for Information Systems and Organizations (4)	<input type="checkbox"/>
e. NIST SP 800-53A Rev. 5 Assessing Security and Privacy Controls in Information Systems and Organizations (5)	<input type="checkbox"/>
f. NIST SP 800-171 Rev. 3 Protecting Controlled Unclassified Information in Nonfederal Systems and Organizations (6)	<input type="checkbox"/>
g. NIST SP 800-171 Rev. 2 Protecting Controlled Unclassified Information in Nonfederal Systems and Organizations (7)	<input type="checkbox"/>
h. NIST SP 800-37 Rev. 2 Risk Management Framework for Information Systems and Organizations: A System Life Cycle Approach for Security and Privacy (8)	<input type="checkbox"/>
i. NIST SP 800-39 Managing Information Security Risk: Organization, Mission, and Information System View (9)	<input type="checkbox"/>
j. 405(d) Healthcare Industry Cybersecurity Practices (HICP) framework (10)	<input type="checkbox"/>
k. OCR / ONC Security Risk Assessment Tool (11)	<input type="checkbox"/>
l. ONC SAFER Guides (12)	<input type="checkbox"/>

m. We engage a third-party expert organization to assist us on this topic; I am not sure what tools they use (13)

☐

n. We use a framework, but I don't know which one it is (14)

☐

o. We are not using any listed frameworks (17)

☐

p. Other: (15)

☐

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

And Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q27a Do you use Fast Healthcare Interoperability Resources (FHIR®) in your organization/practice?

☐ Yes (1)

☐ No (2)

Display this question:

If Do you use Fast Healthcare Interoperability Resources (FHIR®) in your organization/practice? = Yes

Q27b How does your organization/practice use FHIR® (select all that apply)

- ☐ Quality Measurement submission (1)
 - ☐ Prior Authorization (2)
 - ☐ SMART on FHIR® patient apps (3)
 - ☐ FHIR® Bulk Data Exchange (4)
 - ☐ Clinical Decision Support (i.e., CDS Hooks) (5)
 - ☐ Conducting analytics and populating dashboards (6)
 - ☐ Health Information Exchange to external entities (7)
 - ☐ Other, please specify: (8)
-

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q28 What is your level of participation in a state, regional, and/or local health information exchange (HIE) or health information organization (HIO)?

- ☐ At least one HIE / HIO is operational in my area, and we are participating and actively exchanging data in at least one HIE / HIO (1)
 - ☐ At least one HIE / HIO is operational in my area, but we are not participating (2)
 - ☐ There is not an HIE/ HIO operational in my area (3)
-

Q29a When a patient transitions to another care setting outside of your organization or health system, please indicate whether your organization uses manual methods to SEND or RECEIVE

the summary of care record.

	SEND (1)	RECEIVE (2)	Neither send nor receive (3)
Mail or fax (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fax using EHR (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provider portals that allow outside organizations to view records in your EHR system (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Login credentials that allow access to your EHR (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other manual method (please specify) (10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q29b When a patient transitions to another care setting outside of your organization or hospital system, please indicate whether your organization uses these automated methods to **SEND** or **RECEIVE** the summary of care record automatically (without manual effort).

	SEND (1)	RECEIVE (2)	Neither send nor receive (3)
Interface connection between EHR systems (e.g., HL7 interface) (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Health Information Service Provider (HISP) that enable messaging via direct protocol (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regional, state, or local HIE / HIO (7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EHR vendor-based network that enables exchange with vendor's other users (e.g., Epic Care Everywhere) (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National networks that enable exchange across different EHR vendors (e.g., Common Well, eHealth Exchange, Carequality) (11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other automated method (please specify) (10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

And Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

And Do you use Fast Healthcare Interoperability Resources (FHIR®) in your organization/practice? = Yes

Q30 Can you use existing FHIR® Profiles that EHRs and other systems may already be producing (for example, FHIR® US Core)?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Unsure (3)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

And Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

And Do you use Fast Healthcare Interoperability Resources (FHIR®) in your organization/practice? = Yes

Q31 The following question assesses the completeness and accuracy of your internal EHR data to determine if you can rely on your EHR to report FHIR®-based quality data to an external organization.

	Yes (1)	No (2)
a. Does your Health IT systems map medication orders, dispenses, and administrations to either RxNorm or National Drug Codes (NDC)? (1)	<input type="radio"/>	<input type="radio"/>
b. Does your Health IT systems map diagnoses entered in visits or admissions to the most recently implemented version of International Classification of Diseases (ICD) codes? (2)	<input type="radio"/>	<input type="radio"/>
c. Does your Health IT systems map lab tests and results to Logical Observation Identifier Names and Codes (LOINC)? (3)	<input type="radio"/>	<input type="radio"/>

End of Block: Technical Readiness

Start of Block: Supplemental Questions

Display this question:

If In my organization/practice Health IT is supported by: = A single staff member with other non-Health IT responsibilities

Or In my organization/practice Health IT is supported by: = A small internal dedicated Health IT department (1–5 staff)

Or In my organization/practice Health IT is supported by: = A large internal dedicated Health IT department (more than 5 staff)

Or In my organization/practice Health IT is supported by: = A combination of internal staff and third-party contractor(s) / vendor(s)

Q32 Does your practice or facility have the capability to develop or modify your current technology services in-house? (Examples include FHIR®-based collection, information exchange, and reporting)

☐ Yes (1)

☐ No (2)

Q33 Before implementing activities to optimize your technical infrastructure to improve quality of care, it is important to analyze the current state of your organizational resources and technical capabilities to identify gaps and areas for improvement. Please indicate what reflects your status for each of the following items listed

	No, have not conducted an analysis, and do not plan to (1)	Yes, have completed an analysis but have NOT STARTED or NOT COMPLETED implementing solutions (2)	Yes, have completed an analysis and have COMPLETED implementing solutions (3)
IT Infrastructure (technical capabilities of your Health IT systems, such as hardware, software, and networking) (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resource needs (staffing, training, funding) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Operational and technical workflows (patient engagement, data exchange and integration processes) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display this question:

If Does your organization/practice offer a patient portal? = Yes, it is part of our EHR vendor products
Or Does your organization/practice offer a patient portal? = Yes, we are using a third-party vendor

Q34 Please indicate the appropriate response for each of the following patient portal features listed

	Capability exists and is available in our patient portal (1)	Capability does NOT exist in our patient portal (2)
Online Bill Pay (1)	<input type="radio"/>	<input type="radio"/>
Appointment Scheduling and Reminders (2)	<input type="radio"/>	<input type="radio"/>
Secure (HIPAA-Compliant) messaging with provider (3)	<input type="radio"/>	<input type="radio"/>
New Patient Registration conducted electronically (4)	<input type="radio"/>	<input type="radio"/>
Patient's Ability to Update Demographic Information (5)	<input type="radio"/>	<input type="radio"/>
View, Download, Transmit Medication List (6)	<input type="radio"/>	<input type="radio"/>
View, Download, Transmit Medical History (7)	<input type="radio"/>	<input type="radio"/>
View, Download, Transmit Lab, and Test Results (8)	<input type="radio"/>	<input type="radio"/>
View Resources and Educational Materials (9)	<input type="radio"/>	<input type="radio"/>
Share health information with an external entity (10)	<input type="radio"/>	<input type="radio"/>
Submit patient-generated data from wearable devices (e.g., blood glucose, weight, etc.) into the EHR (11)	<input type="radio"/>	<input type="radio"/>
Link their medical information with an app of their choosing using SMART on FHIR® apps (ex, Apple Health KIT) (12)	<input type="radio"/>	<input type="radio"/>

Display this question:

*If Does your organization/practice offer a patient portal? = Yes, it is part of our EHR vendor products
Or Does your organization/practice offer a patient portal? = Yes, we are using a third-party vendor*

Q35 What percent of your patient population has signed up for a patient portal account?

- ☐ 0%–10% (1)
- ☐ 11%–25% (2)
- ☐ 26%–50% (3)
- ☐ 51%–75% (4)
- ☐ 76%–89% (5)
- ☐ 90%–100% (6)

Display this question:

*If Does your organization/practice use internet connectivity to support operations? = Yes
And Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes*

Q36 Can you electronically query patient health information (examples include medications and outside encounters) from sources outside of your organization or hospital system?

- ☐ Yes (1)
- ☐ No (2)

Display this question:

If Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q37 Does your primary EHR have the capability to export multiple records from its system?

Note: This is sometimes referred to as "bulk" export. This functionality enables analytics and reporting, population management, or switching EHR systems.

☐ Yes (1)

☐ No (2)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

Or Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

Q38 Are you currently reporting data electronically to any federal or state government quality improvement initiatives (e.g., Medicare programs, CMS Innovation Center models, or Medicaid programs)?

☐ Yes (1)

☐ No (2)

Display this question:

If Does your organization/practice use internet connectivity to support operations? = Yes

And Do you currently use an electronic health record (EHR) or other Health Information Technology (IT... = Yes

And If

Are you currently reporting data electronically to any federal or state government quality improv... = Yes

Q39 You indicated you have the capability to submit eCQM data, please select (all that apply) to which entities

- ☐ Non-Governmental Organization (2)
 - ☐ Centers for Medicare & Medicaid Services (CMS) (3)
 - ☐ Centers for Disease Control and Prevention (CDC) (4)
 - ☐ Health Resources & Services Administration (HRSA) (5)
 - ☐ Other (please describe): (6)
-

Display this question:

*If You indicated you have the capability to submit eCQM data, please select (all that apply) to whic...
= Non-Governmental Organization*

*Or You indicated you have the capability to submit eCQM data, please select (all that apply) to
whic... = Centers for Medicare & Medicaid Services (CMS)*

*Or You indicated you have the capability to submit eCQM data, please select (all that apply) to
whic... = Centers for Disease Control and Prevention (CDC)*

*Or You indicated you have the capability to submit eCQM data, please select (all that apply) to
whic... = Health Resources & Services Administration (HRSA)*

*Or You indicated you have the capability to submit eCQM data, please select (all that apply) to
whic... = Other (please describe):*

And If

*Please indicate which of the following Health IT capabilities your organization/practice utilizes... = k.
Electronic Clinical Quality Measures [Capability exists and is ONC certified]*

Q40 If you currently report data electronically to external federal or state government quality improvement initiatives (e.g., Medicare programs, CMS Innovation Center models, or Medicaid programs), can you analyze quality reporting data prior to submission?

- ☐ Yes (1)
- ☐ No (2)

End of Block: Supplemental Questions
