M.A.P. REAL WORLD TESTING RESULTS REPORT 2023

BACKGROUND & INSTRUCTIONS

Under the ONC Health IT Certification Program (Certification Program), health IT developers are required to conduct Real World Testing of their certified health IT (45 CFR 170.405). The Office of the National Coordinator for Health Information Technology (ONC) issues Real World Testing resources to clarify health IT developers' responsibilities for conducting Real World Testing, to identify topics and specific elements of Real World Testing that ONC considers a priority, and to assist health IT developers in developing their Real World Testing plans and results reports.

A Real World Testing plan template was created to assist health IT developers in organizing the required information that must be submitted for each element in their Real World Testing plan. To accompany the plan template, ONC has also provided this results report template.

While the use of this template is voluntary, health IT developers may find it useful in preparing their Real World Testing results report(s). Health IT developers must submit one year of results to address the Real World Testing of eligible products as outlined in their previous year's Real World Testing plan(s). If adjustments to approaches are made throughout Real World Testing, the health IT developer should reflect these adjustments in their Real World Testing results report. ONC expects that the results report will include a list of these changes, the reasons for them, and how intended outcomes were more efficiently met as a result.

While every effort has been made to ensure the accuracy of restatements of 45 CFR Part 170, this template is not a legal document. The official program requirements are contained in the relevant laws and regulations. This resource should be read and understood in conjunction with the following companion resources, which describe in detail many of the Certification Program requirements referenced in this resource.

- Real World Testing–What It Means for Health IT Developers – Fact Sheet
- Real World Testing Resource Guide
- Real World Testing Certification Companion Guide

Health IT developers should also review the following regulatory materials, which establish the core requirements and responsibilities for Real World Testing under the Certification Program.

- 21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program final rule, 85 FR 25642 (May 1, 2020) (**ONC Cures Act Final Rule**)
  - Section VII.B.5 — *"Real World Testing"*

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GENERAL INFORMATION

Plan Report ID Number: [For ONC-Authorized Certification Body use only]

Developer Name: HCA Physician Services Group

Product Name(s):   M.A.P.

Version Number(s):   5.0

Certified Health IT Product List (CHPL) Product Number(s):   15.04.04.1557.MAP5.05.00.0.181031

Developer Real World Testing Plan Page URL: https://hcahealthcare.com/onc-certification/

Developer Real World Testing Results Report Page URL [if different from above]:

[OPTIONAL] CHANGES TO ORIGINAL PLAN

If a developer has made any changes to their approach for Real World Testing that differs from what was

Summary of Change [Summarize each element that changed between the plan and actual execution of Real World Testing]	Reason [Describe the reason this change occurred]	Impact [Describe what impact this change had on the execution of your Real World Testing activities]

SUMMARY OF TESTING METHODS AND KEY FINDINGS

Provide a summary of the Real World Testing methods deployed to demonstrate real-world interoperability, including any challenges or lessons learned from the chosen approach. Summarize how the results that will be shared in this report demonstrate real-world interoperability.

If any non-conformities were discovered and reported to the ONC-ACB during testing, outline these incidences and how they were addressed.

Note: A single Real World Testing results report may address multiple products and certification criteria for multiple care settings.

PSG selected the date range of July 3 through September 29, 2023 to test the M.A.P. calculation engine in a real-world setting. This test was conducted with live data which was imported from the electronic medical record, eClinicalWorks, and the daily calculation of data for clinicians to reference for improving care and performance on quality measures. This was expected to occur 86 times for the calculation and the import each, accounting for an occurrence once per day during the period excluding the 3rd Saturday of each month during that time frame.

PSG analyzed the jobs occurrence and success or failure across the date range. In importing data for each individual instance of the eMR (referred to as a 'region'), 10 jobs import different data sets across all regions.

For **data loading**, out of the 86 expected occurrences:
- 75 days all jobs ran successfully.
    - 4 days 1 out of the 10 importing jobs failed on initial load, but later reran successfully.
- 9 days all jobs were delayed but ran successfully.
- 1 day 9 jobs ran successfully and 1 job was delayed but later ran successfully.
- 1 day 1 job ran successfully and 9 jobs were delayed but later ran successfully.

For **data calculation**:
- 81 days at least one of the two jobs ran successfully at the normal time
- 1 day the job was delayed but later ran successfully.
- 4 days the jobs did not run but the providers were able to see the calculations as of the prior day.
- In total 82 out of 86 days finished with up-to date calculations and 4 days data was delayed by 1 day.

PSG successfully updated the QRDAIII file structure in accordance with the annual updates required by CMS in the 2023 CMS QRDA III Implementation Guide for Eligible Clinicians.

STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))

Both required and voluntary standards updates must be addressed in the Real World Testing plan. Real World Testing plans must include all certified health IT updated to newer versions of standards prior to August 31 of the year in which the updates were made.

Indicate as to whether optional standards, via SVAP and/or USCDI, are leveraged as part of the certification of your health IT product(s).

☐ Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below.

☑ No, none of my products include these voluntary standards.

Standard (and version)	
Updated certification criteria and associated product	
CHPL Product Number	
Conformance measure	

Care Setting(s)

The expectation is that a developer's Real World Testing is conducted within each type of clinical setting in which their certified health IT is marketed. Health IT developers are not required to test their certified health IT in every setting in which it is marketed for use.

List each care setting that was tested.

Ambulatory clinicians' reference tool on performance and quality of care.

Metrics and Outcomes

Health IT developers should detail outcomes from their testing that successfully demonstrate that the certified health IT:

1. is compliant with the certification criteria, including the required technical standards and vocabulary codes sets;
2. is exchanging electronic health information (EHI) in the care and practice settings for which it is marketed for use; and/or,
3. EHI is received by and used in the certified health IT.

(from 85 FR 25766)

Health IT developers could also detail outcomes that did not result from their measurement approach if that better describes their efforts.

Within this section, health IT developers should also describe how the specific data collected from their Real World Testing measures demonstrate their results. Where possible, context should be provided to the measures and results to understand the number of sites/users/transactions tested for the specified measures (i.e., the denominator for comparison to the reported results). If applicable, any Relied Upon Software that is used to meet a criterion's requirements should be included in this section.

Measurement /Metric	Associated Criterion(a)	Relied Upon Software	Outcomes	Challenges Encountered
All records wrote to the PSG tables for load into the calculation engine	170.315 c.1 Record and Export		100% of the record loads were successful for each expected occurrence.	N/A
All records imported from eCW daily during the testing period and calculated daily. Period across 3 months was selected for testing.	170.315 c.2 Import and Calculate		100% of the imports were successful for each expected occurrence. 100% of daily calculations were successful for each expected occurrence.	N/A
QRDAIII updated to performance year standards and runs without failure	170.315 c.3 Report		Annual Update occurred and was exported.	N/A

KEY MILESTONES

Include a list of key milestones that were met during the Real World Testing process. Include details on how and when the developer implemented measures and collected data. Key milestones should be relevant and directly related to outcomes discussed.

For each key milestone, describe when Real World Testing began in specific care settings and the date/timeframe during which data was collected.

Key Milestone	Care Setting	Date/Timeframe
Complete daily Import and Calculation testing	Ambulatory clinicians' reference tool on performance and quality of care.	July 3 - September 29, 2023
Annual updates to and generation of QRDA III file for CMS Quality Payment Program year 2023.	Ambulatory clinicians' reference tool on performance and quality of care.	January 2024

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