

CY 2022 Real World Testing Report for Florida Department of Health

Executive Summary

This is the Real World Test (RWT) Report for CY 2022 real world testing for our Florida Department of Health self-developed certified Electronic Health Record (EHR) solution the Health Management System. This is the companion document to our CY 2022 RWT Plan that described our approach for conducting real world testing in CY 2022 and the testing measures we employed.

Our findings show that the EHR is working in our production environment as it was certified. For each of our CY 2022 Real World Testing Measures, we have recorded our results and findings. If any non-conformities or errors were encountered, we noted them.

Our signed attestation of compliance with the Real World Testing requirements is on the following page.

Developer Attestation

This RWT Report is complete with all required elements, including measures that address all certification criteria and care settings. All information in this plan is up to date and fully addresses the health IT developer's Real World Testing requirements.

Authorized Representative Signature:

A handwritten signature in black ink, appearing to be "M. G. N.", written in a cursive style.

DATE

2/14/2023

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Score 11

General Information

Developer Name: Florida Department of Health

Product Name(s): The Florida Department of Health, Health Management System

Version Numbers(s): 2015

Certified Health IT Criteria: 315(b)(1)-(2), (b)(6), (f)(1)

Product List (CHPL) ID(s) and Link(s):

- 15.05.05.1498.FDOH.01.00.1.190626
- <https://chpl.healthit.gov/#/listing/10047>

Developer Real World Testing Page URL: <http://www.floridahealth.gov/about/state-and-community-health-assessment/health-management-system/index.html>

Timeline and Milestones for Real World Testing CY 2022

- Milestone 1Q-2022: Begin communication with users to ask for their support and participation in real world testing. The goal is to have a sufficient number of participants committed for real world testing by the end of 1Q-2022.
 - STATUS: Delayed until 4Q because of work on Cures certification. Completed in 4Q.
- Milestone 2Q-3Q 2022. During the 2nd and 3rd quarter of CY 2022, the real world testing with participants will be scheduled and performed. It is expected that a preparatory call will be done with participants to prepare them for testing activities. Because our EHR is self-developed for our own use, at the time of the data gathering to support this report, this capability was not widely used by our clinicians so we did not have “counting” metrics to apply. Participants utilized test patients to generate CCDs and the C-CDA Scorecard tool. Results will be documented in the test results section of the test methods and ultimately used to build the test report. If any non-compliances are observed, we will notify the ONC-ACB of the findings and make the necessary changes required.
 - STATUS: Delayed until 4Q because of work on Cures certification. Completed in 4Q.
- Milestone 4Q-2022. During the last quarter of the year, the CY 2023 RWT Plan will be completed according to ONC and ONC-ACB requirements and expectations. RWT Plan will be prepared for submission before the end of the year.
 - STATUS: MET
- Milestone 1Q-2023. Submit RWT Report to ONC-ACB.
 - STATUS: MET

Standards Updates

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

In CY 2022, we updated our product to support the Cures certification requirement and were certified accordingly. We implemented USCDI v1 and the C-CDA Companion Guide Release 2 and were certified on those versions.

Standard (and version)	USCDI v1 and C-CDA Companion Guide Release 2
Updated certification criteria and associated product	Florida Dept. of Health EHR for 315(b)(1) and 315(b)(2)
CHPL Product Number	<ul style="list-style-type: none">15.05.05.1498.FDOH.01.00.1.190626
Conformance measure	Measures #2 and #3

RWT Measure #1. Number of Patient Immunization History Queries Sent

Associated Criteria: 315(f)(1)

Testing Methodology: Reporting/Logging

Measurement Description

This measure is tracking and counting how many patient immunization history queries are created and successfully sent from the EHR Module to an IIS/immunization registry over the course of a given interval.

Care Settings

Our EHR is designed explicitly to support the clinicians in the Florida Department of Health, and our measures were designed for this setting.

Testing Results

Reporting Interval: 3 months

Testing Metric/Measurement: Number of Immunization History Queries Successfully Sent

Total for all of the state: 8015

Analysis and Key Findings

Our clinicians regularly use the immunization history queries in their daily practice, and the findings show this feature is working as expected in the production setting.

Non-Conformities or Errors Discovered

During our testing, we did discover 1 connectivity failure out of 8016 transmission attempts for a success rate of 99.99%. We did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #2. Compliance of C-CDA Creation and C-CDA Scorecard Average

Associated Criteria: 315(b)(1)

Testing Methodology: Compliance and Tool

Measurement Description

This measure is tracking compliance the EHR Module criteria functionality of creating a C-CDA and measuring its C-CDA Scorecard average.

Care Settings

Our EHR is designed explicitly to support the clinicians in the Florida Department of Health, and our measures were designed for this setting.

Testing Results

Testing Metric/Measurement: C-CDA Creation and C-CDA Scorecard Average Metric

Tested multiple C-CDA Records.

Average Scorecard Result – 74

Errors Detected – 0

Analysis and Key Findings

Because our EHR is self-developed for our own use, at the time of the data gathering to support this report, this capability was not widely used by our clinicians so we did not have “counting” metrics to apply. This test was done using simulated patient data in mirrored production settings. Our results reveal this certified EHR module is working as certified and scores at slightly above average value compared to the industry benchmark. The C-CDA sections which consistently scored the best on the Scorecard were demographics and social history, and the section scoring the worst was medications (Note: medication names, start dates, and stop dates are coming through appropriately but other labels and imbedded content are failing).

Our 3rd party relied upon software HISP, DataMotion Direct Messaging, was tested via our production simulated test environment and confirmed to be working. For future RWT measures tests, we hope to include our HISP within production exchanges as our users begin adopt and use this functionality within their workflow.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #3. Compliance of Problem/Medication/Allergy Incorporation from C-CDA

Associated Criteria: 315(b)(2)

Testing Methodology: Compliance

Measurement Description

This measure is tracking compliance of the EHR Module criteria functionality of incorporating problem/medication/allergy from a C-CDA.

Care Settings

Our EHR is designed explicitly to support the clinicians in the Florida Department of Health, and our measures were designed for this setting.

Testing Results

Testing Metric/Measurement: Compliance of Incorporation of Received C-CDA

Confirmed

Created several test patient C-CDA files and incorporated them successfully into the system.

Analysis and Key Findings

While at the time of data gathering for this report our clients did not regularly share data through C-CDA, we did confirm our functionality was working in a mirrored production environment.

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.

RWT Measure #4. Compliance of Data Export C-CDA Export and C-CDA Scorecard Average Score

Associated Criteria: 315(b)(6)

Testing Methodology: Compliance and Tool

Measurement Description

This measure is tracking compliance of the EHR Module criteria functionality of creating a batch export of C-CDAs and measuring its C-CDA Scorecard average.

Care Settings

Our EHR is designed explicitly to support the clinicians in the Florida Department of Health, and our measures were designed for this setting.

Testing Results

Testing Metric/Measurement: Batch C-CDA Export and C-CDA Scorecard Average Metric

Tested multiple C-CDA Records.

Average Scorecard Result – 73

Errors Detected – 0

Analysis and Key Findings

Because our EHR is self-developed for our own use, we are aware that this capability is not widely used by our clinicians so we would not have “counting” metrics to apply. This test was done using simulated patient data in mirrored production settings. Our results reveal this certified EHR module is working as certified and scores at slightly above average value compared to the industry benchmark. The C-CDA sections which consistently scored the best on the Scorecard were demographics and social history, and the section scoring the worst was medications (Note: medication names, start dates, and stop dates are coming through appropriately but other labels and imbedded content are failing).

Non-Conformities or Errors Discovered

During our testing, we did not discover any errors or criteria non-conformities. We did not make any changes to this measure from our original test plan.