

MADiE User Group

December User Group

Hosted by ICF/SemanticBits

December 18, 2025



Disclaimer

This meeting is being recorded to ensure notes and action items are captured accurately.

Attendees who have objections to the meeting being recorded are asked to let the facilitator know at this time.

Agenda and Objectives

Agenda

1. MADiE Updates
2. User Experience/Design Discussions
3. Community Questions & Discussions
4. Review of Resources

Objectives

- Inform MADiE users of current and planned activities
- Create a forum to gather community feedback on future enhancements
- Foster collaboration through open community discussion

60 Day Account Deactivation

Keeping your MADiE Account Active:

- In accordance with CMS and HHS security requirements, MADiE has implemented an account deactivation policy for all users who have not logged in within the previous 60 days or more.
- Users will receive warning messages after 30 days of inactivity.
- After 60 days of inactivity, accounts will be deactivated.
- To access a deactivated MADiE account again, users will need to request the MADiE role in HARP.
 - Do **NOT** respond to the deactivation email.

*Keep your MADiE account active to continue to receive important email communications!

MADiE

MADiE 2.3.3

MADiE Current State

MADiE 2.3.3 released on 12/10/2025

- MADiE has been updated to use HAPI FHIR version 8.4.0. More information can be found [here](#). ([MADIE-2301](#))
- Resolved Known Issues
 - MADiE now displays consistent text formatting in measure details across the UI and Human Readable view. ([MADIE-2312](#), [MADIE-2320](#))

CMS Web Application Firewall Errors

CMS Web Application Firewall (WAF) Issues

- CMS WAF errors are received when an attempted action (i.e. saving or exporting) is rejected by the CMS security policy, blocking further action by the user
- This can happen when working in a measure or test case that previously did not receive a CMS WAF error, or when making a change to the measure or test case

When an action is blocked, please include the following information in your ONC JIRA ticket.

- Measure Name/ID
- Test case Name (if applicable)
- Action that resulted in unexpected error messages or an inability to save changes (include specific verbiage/CQL/JSON that was unable to save)
- Providing the error message assists the team in confirming the cause of the issue
- When error messages include a 'Support ID' include that ID number in your ticket so that can be provided to CMS to unblock the attempted action

Examples of CMS WAF error messages:

- MADiE was unable to process the request. Please try again. If the problem persists, please contact the Help Desk.
- System error. Unable to process information
- 403 Forbidden The requested URL was rejected by CMS security policy. If you believe this is in error, please contact the HIDS Security Operations Center QNET_soc@cms.hhs.gov and reference your Support ID: 2586968644408754759

Help Desk Ticket Submission Process (1 of 3)

The **MADiE Ticket Submission Guidance** document on the [Training & Resources](#) tab on the public website provides guidance to measure developers needing assistance with measures or test cases.

This document should be reviewed prior to creating a ticket to verify if the ticket should be submitted to the MADiEIT or to the CQLIT.

This document includes the following:

- Steps to take prior to submitting a Help Desk ticket
- When to submit a ticket to MADiE Issue Tracker (MADiEIT) and when to submit a ticket to CQL Issue Tracker (CQLIT)
- A list of artifacts to include if a ticket is being created with either CQLIT or MADiEIT for assistance with measure CQL or test case JSON

Reference the [MADiE Help Desk Process Diagram](#)

Help Desk Ticket Submission Process (2 of 3)

Steps to take prior to submitting a ticket:

1. **[Search for an Issue](#)**: Have a question or experiencing an issue? Search by keyword or project, see if others have submitted the same question or reported the same issue, and review the responses.
2. **If a ticket needs to be submitted, identify the appropriate Issue Tracker – [CQLIT](#) or [MADIEIT](#)**
 - Submitting tickets to the incorrect IT will increase the response time as two teams will need to review the ticket. This will delay possible resolution for the submitter.
3. **Identify the Ticket Type to be used**
 - Choices are – Bug/Issue, Delete Library, Enhancement Request, MADiE Access Question, Question, User Group Question/Topic, or User Research Feedback
 - The responses that are auto-generated when a ticket is created is determined by the ticket type and include additional information that may be needed for the ticket to be processed.
 - For example, the auto-response, required information, and format for that information for an Enhancement Request ticket is driven by the “Are you part of a CMS Contract” field. CMS Contractors must attach a completed Enhancement Request Form while other submitters are directed to answer several questions in the description or as a comment.

Help Desk Ticket Submission Process (3 of 3)

Steps to take prior to submitting a ticket (continued):

4. Include all required information based on the type of ticket you are creating

- Populate all applicable available fields when creating the ticket. These fields can be updated after the ticket is created by selecting “Edit” if additional information needs to be added.
- The required fields are specific to the Issue Tracker the ticket is submitted to. For example, the measure name and URL is required for the MADiEIT but is not available for the CQLIT. When tickets are moved only the data in fields available by the IT the ticket is moved to will be retained, and different data may be needed that wasn’t originally entered.

5. Attach required artifacts and supporting documentation

- Tickets created with required information and supporting documentation missing will be sent back to the submitter with a comment listing the missing information and supporting documentation. Populating all applicable fields while creating the ticket will assist the MADiE team when processing this ticket.
- **IMPORTANT NOTE:** Until all required information and supporting documentation are included, the ticket cannot be processed. Including this information at the time of ticket creation will expedite the time from ticket creation to when the team may begin processing the ticket. **Specifically: Attach the measure package and test case export, include measure, library and/or test case URLs, and include the Enhancement Request Form when applicable for the ticket you are submitting.**

Tickets to be Submitted to the CQLIT

Tickets submitted to the CQL Issue Tracker will be evaluated and the standards team may identify the ticket needs to be moved on to the MADiE Issue Tracker to evaluate MADiE functionality.

The following types of tickets should be submitted to the [CQL Issue Tracker](#):

- User is experiencing a CQL error in the MADiE CQL Editor that is not resolved after reviewing resources (see list in the Ticket Submission Guidance document) and consulting with SMEs
- User is unable to resolve JSON test case error message(s) after reviewing resources (see list in the Ticket Submission Guidance document) and consulting with SMEs
- MADiE test case results are not as expected, and the following has been confirmed:
 - JSON does not contain validation errors
 - Valid CQL
 - Appropriate utilization of QI-Core Profiles:
 - hl7.org/fhir/us/qicore/STU4.1.1/profiles.html
 - hl7.org/fhir/us/qicore/STU6/profiles.html

Tickets to be Submitted to the MADiEIT

The following types of tickets should be submitted to the [MADiE Issue Tracker](#):

- Enhancement requests
- Issues accessing the applications after verifying network or internet connection
- Tool performance issues in which do not subside after verifying network or internet connection
- Error message received which instructs the user to contact the Help Desk
- Clarification needed for functionality after review of resources
- MADiE CQL error that was not resolved after review of available resources, consulting with SMEs and/or [CQL Issue Tracker](#)
- MADiE test case error that was not resolved after review of available resources, consulting with SMEs and/or [CQL Issue Tracker](#)
- MADiE measure export inquiries
- Issues with the measure HTML file (referred to as the 'Human Readable'), in the measure package export
- MADiE test case export (QRDA or Excel) inquiries
- Library deletion requests

Help Desk Requests Including HARP IDs

- The following requests must be submitted via email at MADiE@cms.hhs.gov as they contain HARP IDs
 - Measure or library ownership transfer requests
 - CMS ID deletion requests
 - Revert measure version requests
 - or other inquiries with a HARP ID
- Do not submit these requests until you have confirmed that all users involved in the request have active MADiE accounts
- MADiE allows users two options for adding or removing share access for libraries and measures
 - **Preferred Method:** Users can share or unshare one or more libraries or measures via the MADiE UI
 - If users require assistance, users can submit a request to share or unshare one or more libraries or measures via email MADiE@cms.hhs.gov

UXR Update

- The MADiE user survey has been collecting data.
 - We are currently interpreting the survey data and expect to share some results for the January User Group meeting.
 - After presenting Matomo data for the months of August – October, we expect the next presentation to be in February 2026, to show data collected through November, December and January and compare with the previous data (August – October) that was presented.
 - We hope everyone has a great holiday season.

UXD Update – Comparing Measure Versions

High level requirements:

- Ability for a user to compare the **CQL** of 2 different versions of the same measure side-by-side (like a programmatic diff)
- Ability for a user to compare the **Human Readable** output of 2 different versions of the same measure side-by-side
 - Ability to view just the differences in a dedicated "Differences" table within an expandable panel

Measure Version Difference Comparison modal – CQL tab

The screenshot displays the 'Compare Measure Versions' modal in the MADiE (Measure Authoring Development Integrated Environment) application. The modal is titled 'Compare Measure Versions' and shows a comparison between two versions of a measure: 'Version 1.0.000' (last updated on 12/30/2024) and 'Version 2.0.017' (last updated on 02/15/2025). The modal is currently set to the 'CQL' tab, but the 'Human Readable' tab is also visible. The comparison shows differences in the CQL code, with changes highlighted in red (removals) and green (additions). The 'Human Readable' tab shows the corresponding changes in the human-readable output, also highlighted in red and green. The modal includes a 'Close' button at the bottom right. The background shows the MADiE interface with a sidebar for 'Owned Measures' and a top navigation bar with 'Measures', 'Libraries', and 'Help' tabs. The user 'Jonathan Jones' is logged in.

Version 1.0.000	Version 2.0.017
1 - library MyTestMeasureCQLLibrary version '0.0.000'	1 + library MyTestMeasureCQLLibrary version '2.0.017'
2 -	2
3 - using FHIR version '4.0.1'	3 + using FHIR version '4.0.1'
4 -	4
5 include FHIRHelpers version '4.0.001' called FHIRHelpers	5 + include FHIRHelpers version '4.0.001' called FHIRHelpers
6 - include SupplementalDataElementsFHIR4 version '2.0.000' called SDE	6 include SupplementalDataElementsFHIR4 version '2.0.000' called SDE
7 include MATGlobalCommonFunctionsFHIR4 version '5.0.000' called Global	7 include MATGlobalCommonFunctionsFHIR4 version '5.0.000' called Global
8	8
9 parameter "Measurement Period" Interval<DateTime>	9 parameter "Measurement Period" Interval<DateTime>
10	10
11 context Patient	11 context Patient
12	12
13 define "SDE Ethnicity"	13 define "SDE Ethnicity"
14 SDE:"SDE Ethnicity"	14 SDE:"SDE Ethnicity"
15	15
16 - define "SDE Payer":	16 + define "SDE Race":
17 - SDE:"SDE Payer"	17 + SDE:"SDE Race"
18	18
19 define "SDE Race":	19
20 SDE:"SDE Race"	20
21 -	21 + define "SDE Sex":
22 - define "SDE Sex":	22 + SDE:"SDE Sex"
23 SDE:"SDE Sex"	23
24	24

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Measure Version Difference Comparison modal – Human Readable tab

Compare Measure Versions

A Change in Severity of the -- Level of Food Insecurity ++ Level (CMS ID: 4321)

CQL Human Readable

Version 1.0.000 Last updated on 12/30/2024

eCQM Title	CRB TEST 2
eCQM Identifier (Measure Authoring Tool)	
CRB Number	Not Applicable
Measurement Period	January 1, 20XX through December 31, 20XX
Measure Steward	ICF
Measure Developer	
Endorsed By	None
Description	test
Copyright	test
Disclaimer	test
Measure Scoring	Continuous Variable
Measure Type	
Stratification	test
Risk Adjustment	test
Rate Aggregation	test
Rationale	test

Version 2.0.017 Draft Last updated on 02/15/2025

eCQM Title	CRB TEST 2
eCQM Identifier (Measure Authoring Tool)	
CRB Number	Not Applicable
Measurement Period	January 1, 20XX through December 31, 20XX
Measure Steward	ICF
Measure Developer	
Endorsed By	None
Description	test
Copyright	test
Disclaimer	test
Measure Scoring	Continuous Variable
Measure Type	
Stratification	test
Risk Adjustment	test
Rate Aggregation	test
Rationale	test

Differences (5)

Field	Version 1.0.000	Version 2.0.017 Draft
Measure Name	A Change in Severity of the Level of Food Insecurity	A Change in Severity of the Food Insecurity Level
Measurement Period	January 1, 20XX through December 31, 20XX	January 1, 2025 through December 31, 2025
Rationale	Sickle Cell Disease (SCD) is the most common inherited blood disorder and is	Sickle Cell Disease (SCD) is the most common inherited blood disorder and is

Close

UXD Update – Comparing Measure Versions

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Measure Version Difference Comparison modal – Human Readable tab

The screenshot shows the MADiE (Measure Authoring Development Integrated Environment) interface. A modal titled "Compare Measure Versions" is open, displaying a comparison between two versions of a measure: Version 1.0.000 (last updated 12/30/2024) and Version 2.0.017 (Draft, last updated 02/15/2025). The measure is "A Change in Severity of the -- Level-of Food Insecurity ++ Level (CMS ID: 4321)". The modal is set to the "Human Readable" tab. Below the version headers, there are two side-by-side panels showing the measure details for each version. A "Differences (5)" table is displayed, comparing the two versions across five fields: Measure Name, Measurement Period, and Rationale. The Rationale field contains a large block of text with differences highlighted in red and green. A "Close" button is located at the bottom right of the modal.

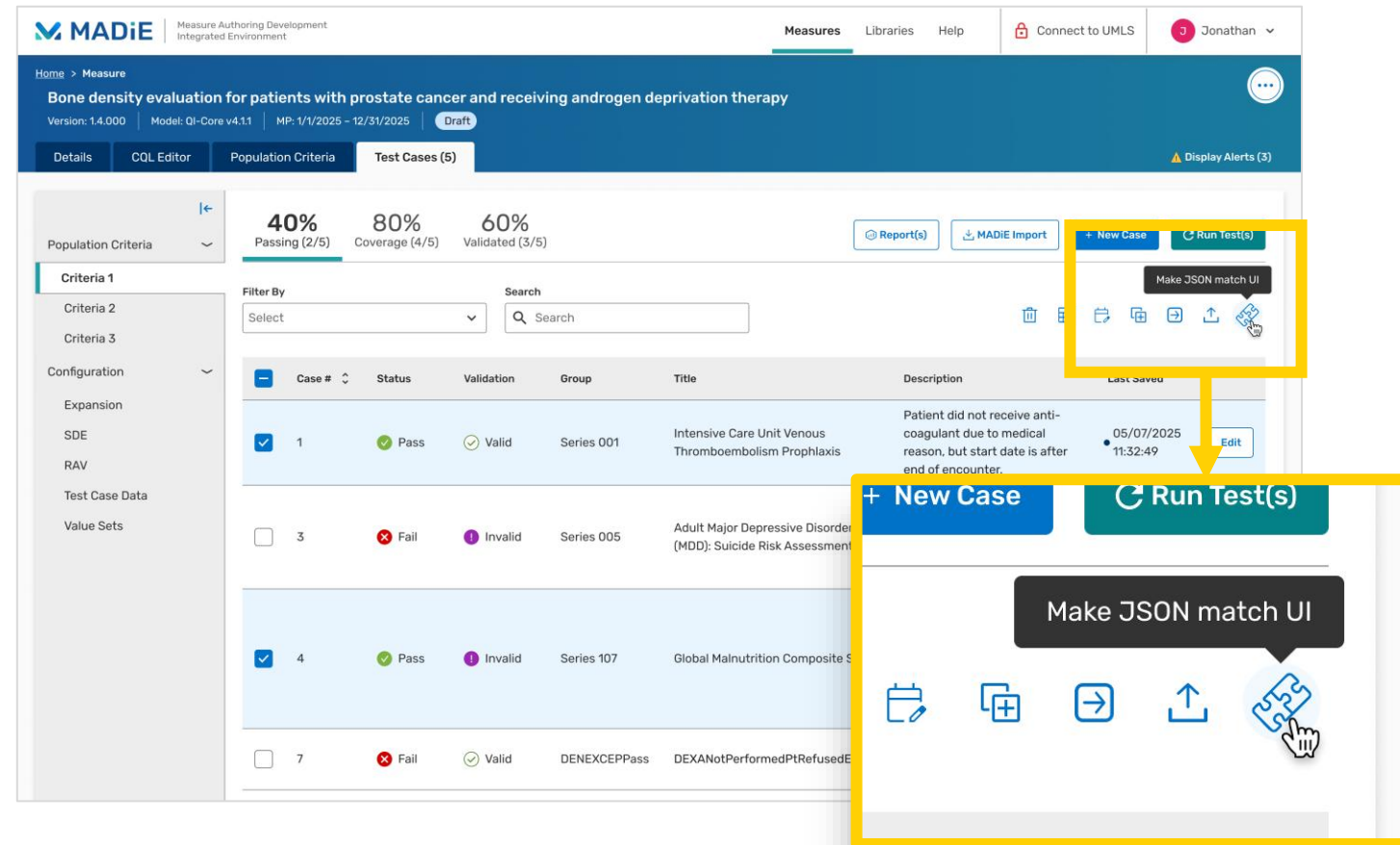
Field	Version 1.0.000	Version 2.0.017 Draft
Measure Name	A Change in Severity of the Level-of Food Insecurity	A Change in Severity of the Food Insecurity Level
Measurement Period	January 1, 20XX through December 31, 20XX	January 1, 2025 through December 31, 2025
Rationale	<p>Sickle Cell Disease (SCD) is the most common inherited blood disorder and is estimated to affect approximately 100,000 individuals in the United States (Hassell, 2010). SCD is also most prominent among Black or African American patients-affecting 1 out of 365 Black or African American births (Hassell, 2010)—and the average life expectancy of publicly insured individuals with SCD is reported to be approximately 52.6 years of age (Jiao et al., 2023). Based on a 2022 systematic review, total annual costs (medical and non-medical) were estimated to range from \$14,012 to \$80,842 per patient per year (Baldwin et al., 2022).</p> <p>Evidence suggests that up to 60% of patients with SCD surveyed reported avoiding care in the ED (Crego et al., 2021). When they do seek emergency care due to an acute severe pain crisis, studies have shown patients wait an average of 90 minutes before analgesics are given (Tanabe, 2007; Lin, Strouse, Whiteman, Anders, & Stewart, 2016), and in another study across seven EDs found that half of all pediatric visits had a time to first opioid over</p>	<p>Sickle Cell Disease (SCD) is the most common inherited blood disorder and is estimated to affect approximately 100,000 individuals in the United States (Hassell, 2010). SCD is also most prominent among Black or African American patients-affecting 1 out of 365 Black or African American births (Hassell, 2010). Based on a 2022 systematic review, total annual costs (medical and non-medical) were estimated to range from \$14,012 to \$80,842 per patient per year (Baldwin et al., 2022).</p> <p>Evidence suggests that up to 70% of patients with SCD surveyed reported avoiding care in the ED (Crego et al., 2021). When they do seek emergency care due to an acute severe pain crisis, studies have shown patients wait an average of 90 minutes before analgesics are given (Tanabe, 2007; Lin, Strouse, Whiteman, Anders, & Stewart, 2016), and in another study across seven EDs found that half of all pediatric visits had a time to first opioid over one hour and thirty minutes (Brousseau et al., 2020). Updated data from the National Hospital Ambulatory Medical Care Survey (NHAMCS) show that from</p>

UXD Update – Make JSON Match UI

New "Make JSON match UI" icon in "actions center"

High level requirements:

- Currently test case JSON has the fields "family" and "given" and users would like to:
 - Make the "family" field in the JSON be set to the value that they enter in the "group" field in the UI
 - Make the "given" field in the JSON be set to the value that they enter in the "title" field in the UI
- If we give the user an icon on the test case list screen, they can select 1 or multiple or all test cases and click the icon and make that update in the JSON.

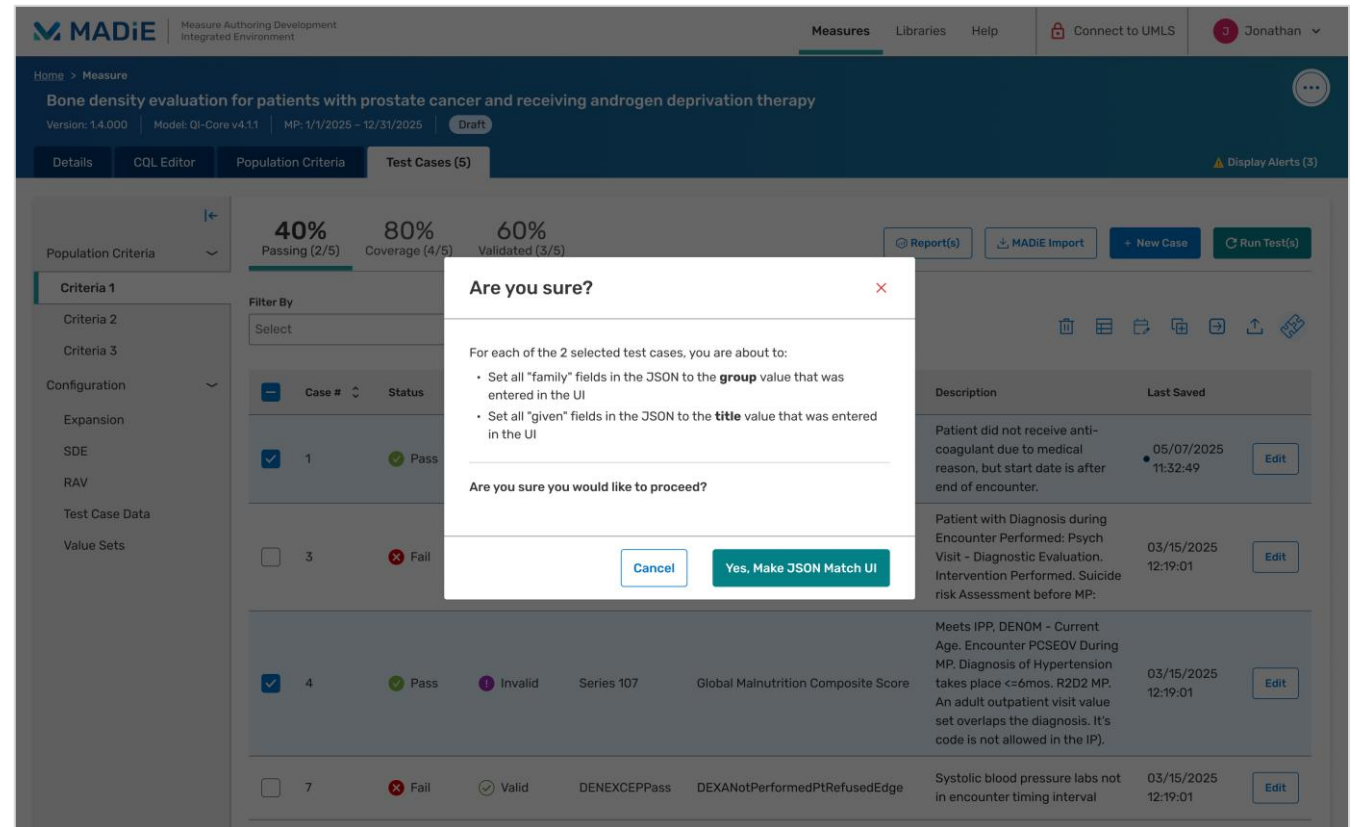


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"Are you sure?" Confirmation modal



UXD Update – Make JSON Match UI

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 - Make the "given" field in the JSON be set to the value that they enter in the "title" field in the UI
- If we give the user an icon on the test case list screen, they can select 1 or multiple or all test cases and click the icon and make that update in the JSON.

Success toast message

The screenshot displays the MADiE (Measure Authoring Development Integrated Environment) interface. At the top, a blue header bar contains the MADiE logo, version information (1.4.000), model information (QI-Core v4.1.1), and a draft status. Below the header, a navigation bar shows tabs for Details, CQL Editor, Population Criteria, and Test Cases (5). The main content area displays a table of test cases with columns for Case #, Status, Validation, Group, Title, Description, and Last Saved. A yellow arrow points from a success toast message at the top to another success toast message at the bottom. The toast messages read: "Making JSON match the UI completed successfully".

Case #	Status	Validation	Group	Title	Description	Last Saved
1	Pass	Valid	Series 001	Intensive Care Unit Venous Thromboembolism Prophylaxis	Patient did not receive anti-coagulant due to medical reason, but start date is after end of encounter.	05/07/2025 11:32:49
3	Fail	Invalid	Series 005	Adult Major Depressive Disorder (MDD): Suicide Risk Assessment	Patient with Diagnosis during Encounter Performed: Psych Visit - Diagnostic Evaluation. Intervention Performed. Suicide risk Assessment before MP.	03/15/2025 12:19:01
4	Pass	Invalid	Series		Meets IPP, DENOM - Current Age. Encounter PCSEOV During MP. Diagnosis of Hypertension	
7	Fail	Valid	DENEX			

UXD Update – QI-Core Composite Measure Support

High level requirements:

- Allow users to select "Enable Composite functionality" on create measure modal
- Only if QI-Core measure model is selected

Create New Measure modal

The screenshot displays the 'Create Measure' modal within the MADiE (Measure Authoring Development Integrated Environment) interface. The modal is titled 'Create Measure' and includes a close button (X) in the top right corner. It contains several input fields and a checkbox. The 'Measure Name' field is populated with 'Risk-Standardized Acute Admission Rates for Patients With Multin...'. The 'Measure CQL Library Name' field is 'ExampleHere'. The 'eCQM Abbreviated Title' field is 'eCQM Example'. The 'Model' dropdown menu is set to 'QI-Core v6.0.0'. The 'Enable Composite functionality' checkbox is checked and highlighted with a yellow box. An arrow points from this checkbox to a larger yellow box on the right that contains a checkmark and the text 'Enable Composite functionality'. The 'Measure Period - Start Date' is '01/01/2024' and the 'Measure Period - End Date' is '01/01/2025'. At the bottom of the modal are 'Cancel' and 'Continue >' buttons. The background shows the 'Measures' dashboard with a list of measures and a table of measure details.

Measure ID	Measure Name	Measure Period - Start Date	Measure Period - End Date	Action
2154FHIR		12/20/2024		Edit
-		11/01/2024		Edit
5678FHIR		10/31/2024		Edit
8765FHIR		09/09/2024		Edit
6758		07/11/2024		Edit

UXD Update – QI-Core Composite Measure Support

High level requirements:

- If measure is tagged as Composite, Status column and 'Edit Test Case' header contain "Composite" bubble, like "Draft" bubble

New Composite measure gets added to Measures list

The screenshot shows the MADiE Measures list interface. A green notification bubble at the top states "Composite Measure created successfully". The interface includes a header with the MADiE logo, user information (Jonathan Jones), and navigation links. Below the header, there are tabs for "Owned Measures (18)", "Shared Measures (6)", and "All Measures (1112)". A "Filter By" dropdown and a "Search" input are present. The main table lists measures with columns: Measure, Version, Status, Model, Shared, CMS ID, and Updated. The first row, "Risk-Standardized Acute Admission Rates for Patients With Multiple Chronic Conditions", is highlighted. Its "Status" column shows two bubbles: "Draft" (blue) and "Composite" (purple). A yellow box highlights the "Status" column for this row, and an arrow points to a detailed view of the "Status" column on the right. This detailed view shows the "Draft" and "Composite" bubbles. The table also includes an "Edit" button for each measure. At the bottom, there is a pagination control showing "Items per page" (10) and "1 - 10 of 17".

Measure	Version	Status	Model	Shared	CMS ID	Updated
Risk-Standardized Acute Admission Rates for Patients With Multiple Chronic Conditions	1.1.010	Draft Composite	QI-Core 4.1.1	✓	4321	12/30/2024
Skilled Nursing Facility 30-Day All-Cause Readmission Measures (SNFRM)	2.0.017		QI-Core 4.1.1	✓		
A Change in Severity of the Level of Food Insecurity	0.1.002	Draft	QI-Core 4.1.1	✓	2134F	
Ambulatory Sensitive Conditions Admissions: Heart Failure (HF)	1.0.005		QI-Core 4.1.1	✓	-	
Hospital Harm - Falls with Major InjuryFHIR...	0.0.024		QI-Core 4.1.1	✓	5678F	
ColorectalCancerMeasureFHIR4...	0.0.001		QI-Core 4.1.1	✓	8765F	09/09/2024
Addressing Social Needs (ASN) in the Outpatient Setting...	1.0.005		QDM v5.6	✓	6758	07/11/2024

UXD Update – QI-Core Composite Measure Support

High level requirements:

- Population Criteria tab
 - Scoring
 - Hard coded to "Composite" for stage 1 and stage 2
 - "Composite" is an option with standard scoring options (cohort, continuous variable, proportion, ratio)
 - Population sub tab
 - Hidden for composite scores
 - Component sub tab
 - displayed for composite scores
 - drop down for "Composite score"
 - Options are "Opportunity", "All-or-nothing", and "Linear"
 - "Weighted" is an option, but we will not be supporting initially
 - After the composite score is selected "Select Components" button becomes enabled

Composite Scoring field available within Population Criteria Components tab

The screenshot displays the MADiE interface for configuring a measure. The main title is "Risk-Standardized Acute Admission Rates for Patients with Multiple Chronic Conditions". The interface includes tabs for "Details", "CQL Editor", "Population Criteria", and "Test Cases (5)". The "Population Criteria" tab is active, showing "Population Criteria 1". Within this tab, the "Components" sub-tab is selected, revealing a "Composite Scoring" dropdown menu. A yellow box highlights the "Composite" option in the "Scoring" dropdown. Another yellow box highlights the "Composite Scoring" dropdown in the "Components" section, which is currently set to "Select". A third yellow box highlights the "Select Components" button, which is enabled after a composite score is selected. The interface also shows a "Supplemental Data" section and a "Reporting" tab.

UXD Update – QI-Core Composite Measure Support

High level requirements:

- Clicking 'Select Components' button brings up a measure search
 - Measures shown must be:
 - Versioned
 - Match the QI-Core version
 - Align with the composite scoring requirements found

Select Composite Measure Components modal

The screenshot shows the 'Select Composite Measure Components' modal in the MADIE (Measure Authoring Development Integrated Environment) interface. The modal is overlaid on a background showing the 'Risk-Standardized A...' measure page. The modal contains a search bar and a table of measures. The table has columns for 'Measure', 'Version', 'CMS ID', and 'Updated'. Several measures are listed, with checkboxes indicating their selection status. The selected measures are 'Skilled Nursing Facility 30-Day All-Cause Readmission Measures (SNFRM)', 'Documentation of Clinical Response to Allergen Immunotherapy within One Year', and 'ColorectalCancerMeasureFHIR4'. The modal also includes 'Cancel' and 'Save' buttons at the bottom right.

Measure	Version	CMS ID	Updated
<input type="checkbox"/> Risk-Standardized Acute Admission Rates for Patients With Multiple Chronic Conditions	1.1.010	4321	12/30/2024
<input checked="" type="checkbox"/> Skilled Nursing Facility 30-Day All-Cause Readmission Measures (SNFRM)	2.0.017	-	12/28/2024
<input checked="" type="checkbox"/> Documentation of Clinical Response to Allergen Immunotherapy within One Year	1.5.001	2134FHIR	12/20/2024
<input type="checkbox"/> Ambulatory Sensitive Conditions Admissions: Heart Failure (HF)	1.0.005	-	11/01/2024
<input type="checkbox"/> Hospital Harm - Falls with Major InjuryFHIR...	0.0.024	5678FHIR	10/31/2024
<input checked="" type="checkbox"/> ColorectalCancerMeasureFHIR4	0.0.001	8765FHIR	09/09/2024
<input type="checkbox"/> Addressing Social Needs (ASN) in the Outpatient Setting...	1.0.005	6758	07/11/2024

UXD Update – QI-Core Composite Measure Support

High level requirements:

- After components are selected:
 - Table is displayed with all measures and their groups (stage 1)
 - Allows users to change groups (stage 2)
 - If measure previously selected no longer exists (version changed or deleted) we need to display a warning that they need to re-select a measure

Selected Composite Measure Components are displayed in a table

The screenshot displays the MADiE (Measure Authoring Development Integrated Environment) interface. The top navigation bar includes the MADiE logo, user information (Jonathan), and links to Libraries, Help, and Connect to UMLS. A green notification banner at the top states "Composite Measure components selected successfully".

The main content area is titled "Risk-Standardized Acute Admission Rates for Patients With Multiple Chronic Conditions" and shows the "Population Criteria" tab. The interface includes a left sidebar with "Population Criteria" and "Supplemental Data" sections. The main panel shows the "Population Criteria 1" configuration, including a description, measure type (Outcome), population basis (Boolean), scoring unit (UCUM Code or Name), and scoring precision. Below this, the "Components" tab is active, showing a table of selected composite measure components.

Measure	Version	CMS ID	Updated
Skilled Nursing Facility 30-Day All-Cause Readmission Measures (SNFRM)	2.0.017	-	12/28/2024
Documentation of Clinical Response to Allergen Immunotherapy within One Year	1.5.001	2134FHIR	12/20/2024
ColorectalCancerMeasureFHIR4	0.0.001	8765FHIR	09/09/2024

At the bottom of the components table, there are "Delete", "Discard Changes", and "Save" buttons. The footer of the interface includes links to Get Help, User Guide, Freedom of Information Act, Accessibility Policy, Privacy Policy, Rules of Behavior, Terms of Use, and cms.gov, along with the Measure Authoring logo and version information (Version 2.1.3).

User Group Discussion



- Topic suggestions and questions for the User Group can also be submitted through the MADiE Issue Tracker located here:
<https://oncprojecttracking.healthit.gov/support/projects/MADiE/summary>
- Additional questions or comments can be submitted by using the chat feature or unmuting your own line.
- Our next User Group will be held January 15 at 2 pm ET.

PII / PHI

- PHI and PII are prohibited in MADiE.
- Measure testing should only represent synthetic patient test data.
- Report any questions or concerns to the Help Desk.



Resources

MADiE Resources (1 of 4)

The [MADiE public website](#) provides a Login button to access MADiE.

The [Training & Resources](#) tab on the public website provides:

- **MADiE Access Guide** – how to get your MADiE account
- **MADiE User Guide** – provides details regarding tool functionality
- **JSON Test Case Guide** – steps for using the JSON test case editor. This document has been updated to include QI-Core v6.0.0 information.
- **Known Issues** – updated regularly
- **MADiE Version Information** – provides information about third party tools used by MADiE and the global shared libraries
- **MADiE Enhancement Request Form for CMS Contractors** – additional details required when submitting an enhancement request
- **MADiE CMS ID Deletion Request Form** – to request the CMS ID associated with a draft measure with no prior versions be deleted
- **MADiE Revert Measure Version Request Form** – to request a measure version number be reverted to a previous version number if the measure was versioned in error
- **MADiE Independent Testing Supplemental Guide** – provides information about testing a measure in MADiE by someone other than the measure developer of the measure
- **Release Notes** – posted with each MADiE release

MADiE Resources (2 of 4)

MADiE QI-Core Profile Examples – Updated to Include QI-Core v6.0.0

- The MADiE Test Case JSON Guide v2.1, available on the [Training & Resources](#) tab on the public website, has been updated to also provide guidance to aid MADiE users in updating or creating QI-Core v6.0.0 test cases in MADiE.
- The MADiE team has created a measure in MADiE (**QI-Corev6.0.0 Test Case Template**) with an included test case JSON bundle (**QI-Corev6Example Bundle**) which contains entries for many QI-Core v6.0.0 profiles.
- To continue to support QI-Core v4.1.1 test case creation, the measure (**QI-Corev4.1.1 Test Case Template**) with one test case (**QI-Corev4.1.1 Example Bundle version 2**) is available in MADiE.
- The purpose of these test case JSON bundles is to provide users the framework for commonly used QI-Core v4.1.1 and v6.0.0 profiles that can be leveraged with their own test case development.
- The QI-Core profiles examples in the v4.1.1 and the v6.0.0 JSON bundles are for guidance and are not intended to fulfill any measure or testing requirement. Updates to reflect the specific details of your test case will be necessary.
- Measure developers may copy any of the profiles from either of the test cases to your test case(s) (of the same QI-Core version) or use a source code editor (e.g., Notepad++ and Visual Studio Code) and make any updates needed to meet your testing needs. The test cases may also be exported.

MADiE Resources (3 of 4)

MADiE In Depth Training Videos

- Located on the public website [Training & Resources](#) tab
 - [Log In and Measures](#)
 - [QI-Core Test Cases](#)

MADiE Process Workflows

- [MADiE Help Desk Process](#)
- [MADiE Enhancement Request Process](#)

JIRA Status and Resolution Use Cases

- Located on the [MADiE Issue Tracker](#) Summary page

MADiE Resources (4 of 4)

MADiE

- <https://madie.cms.gov>

MADiE Release Schedule

- Located on the public website [Training & Resources](#) tab

MADiE Issue Tracker

- <https://oncprojecttracking.healthit.gov/support/projects/MADIE/summary>

eCQI Resource Center

- <https://ecqi.healthit.gov/>