

# MADiE 2.0.4 Release Notes

The following updates are included in the MADiE 2.0.4 release:

Category	Feature Description
QMIG STU4 Support	<p>Stratification Association is now a multi-select field. It will default to selecting all possible populations. If the stratification should not be associated to all populations, the user can de-select their relevant populations. Test cases will also represent the multi-stratification association and allow users to set expected values for associations and show the actual results.</p> <p><b>Important:</b> Due to the database updates needed with multi-select associations, ALL stratification details had to be cleared out. Users will need to reset any stratifications and their associations for QI-Core measures.</p>
Measure Creation	<p><b>QDM and QI-Core Measures:</b> When a user creates a new measure, the CQL defaults with a common set of CQL code used in most measures to give users a head start instead of beginning with completely blank CQL code.</p> <ul style="list-style-type: none"> <li>• For QDM Measures, this will include the library statement, the using statement, a statement to include the MATGlobalCommonFunctionsQDM library, valueset statements to include the Ethnicity, ONC Administrative Sex, Payer Type, and Race value sets, the parameter statement for the measurement period, the context statement, as well as the SDE definitions.</li> <li>• For QI-Core measures, this will include the library statement, the using statement, statements to include CQMCommon, FHIRHelpers, QICoreCommon, and SupplementalDataElements libraries, the parameter statement for the measurement period, the context statement, as well as the SDE definitions.</li> </ul>
Measure Creation	<p><b>QDM Measures:</b> With the addition of the new Value Set and Code tabs in the CQL Editor, it was requested that these tabs should default in a minimized position so that users may access them easily, and the new tabs do not use screen space when they are not needed. (<a href="#">MADIE-2007</a>)</p>
Measure Creation	<p><b>QDM and QI-Core Measures:</b> Users can now use the new Find &amp; Replace feature. Users may click an icon in the CQL Editor OR ensure the cursor is within the CQL Editor and press Ctrl+F or Cmd+F on their keyboard to bring up the Find &amp; Replace window. This feature allows users to search for strings in their CQL and replace them as needed. (<a href="#">MADIE-1484</a>)</p>
Measure Creation	<p><b>QDM and QI-Core Measures:</b> MADiE now has the ability to change the version number on a measure that was accidentally versioned incorrectly. To request that a measure version be reverted, fill out the MADiE Revert Measure Version Request Form available on the <a href="#">Training &amp; Resources</a> tab of the public website under the MADiE Resources heading, and email completed form to <a href="mailto:semanticbits-madie-help@icf.com">semanticbits-madie-help@icf.com</a>.</p>
Measure Export	<p><b>QI-Core Measures:</b> As discovered during Connectathon, library resource files in QI-Core measure exports contained some encoded (and thus meaningless) content. MADiE now decodes this data in the exported files. (<a href="#">MADIE-1974</a>)</p>
Measure Export	<p><b>QI-Core Measures:</b> Measure Exports now include the missing measure resource files, and the naming convention has been updated so that resource files will be prepended with either "library" or "measure" depending on which entity the resource applies. (<a href="#">MADIE-1975</a>)</p>

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Measure Export	<b>QI Core Measures:</b> There was an issue in how some QI-Core profiles were being mapped to their related FHIR resource types for data requirements, resulting in missing data requirements in the measure export. This known issue since 1/25/2024 has been resolved. ( <a href="#">MADIE-1720</a> )
Measure Export	<b>QDM Measures:</b> In some instances, in MADiE QDM measures exports, some definitions or data elements are not represented in the human readable. This known issue since 8/30/2024 has been resolved. ( <a href="#">MADIE-2010</a> , <a href="#">MADIE-2017</a> )
Test Case Creation	<b>QDM and QI-Core Measures:</b> MADiE now displays a new column in the test case list called Last Saved which displays the date on which each test case was last saved.
Test Case Export	<b>QDM Measures:</b> Some test cases were unable to be exported in QRDA format due to a parsing error in MADiE. ( <a href="#">MADIE-1987</a> )
Test Case Export	<b>QDM Measures:</b> QRDA test case export files no longer reference Cypress in the titles. ( <a href="#">MADIE-1945</a> )
Test Case Export	<b>QI-Core Measures:</b> When exporting test cases, the file and folder name of each test case now matches the patient ID in the JSON for the test case in MADiE. ( <a href="#">MADIE-1976</a> )
CQL-ELM Translator	MADiE has been updated to use CQL-ELM Translator 3.14.0. More information can be found <a href="#">here</a> . <ul style="list-style-type: none"> <li>With the translator update the code that calculates the code coverage CQL has been updated to be more accurate. It has started breaking out the CQL into more concise statements, allowing MADiE to be more accurate on what has been covered via test cases. Due to this update, your code coverage calculation may have changed. This is expected behavior and will lead to more accurate tests. If you have concerns about how your test case is being covered, please reach out to the help desk, and we will assist you in understanding what has been updated.</li> </ul>
CQL-ELM Translator	<b>QI-Core Measures:</b> Due to a LocalID issue in the translator and execution engines, some measures showed inaccurate coverage numbers, which is resolved with the updated CQL-ELM Translator. ( <a href="#">MADIE-1719</a> )