

Cypress Tech Talk

Cypress™

November 25, 2025



MITRE



Agenda

- Software Updates
 - Cypress 7.4.2
- Recent Issue
 - Cypress Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

*See the Glossary at the back for definitions of terms

Software Updates

Cypress 7.4.2

- **Cypress 7.4.2 patch scheduled for release on December 4, 2025**
- **Cypress Features**
 - Validation warnings when QRDA I files are missing the provider's Tax Identification Number (TIN) ([CYPRESS-2795](#))
 - Improved Product page load times
- **Cypress Bug Fixes**
 - NUMEX values were not being displayed in Patient View ([CYPRESS-2792](#))
 - Unable to edit a Checklist Test after uploading a passing QRDA file ([CYPRESS-2802](#))

Software Updates

TIN Validation Warnings (1 of 2)

- **Cypress will return warnings when QRDA I files are missing a provider's Tax Identification Number**
 - Rationale: Having the TIN recorded in QRDA I files can assist with provider attribution when aggregating patient data from multiple sources within an ACO.
 - Warnings will be returned for tests related to the 3 ACO eCQMs
 - CMS2 - Preventive Care and Screening: Screening for Depression and Follow-Up Plan
 - CMS122 - Diabetes: Glycemic Status Assessment Greater Than 9%
 - CMS165 - Controlling High Blood Pressure
 - Warnings in Cypress are treated as informational, and will not result in a test failing

Software Updates

TIN Validation Warnings (2 of 2)

- TIN validation warnings will be provided when
 - The TIN is missing

The screenshot shows the 'Results' page for a test run. At the top, it says 'Most Recent - Upload 4 of 4 (in progress)' and 'Refresh View'. Below this, a green bar indicates 'Passed'. To the right, a dark blue box contains test details: 'Test Date: November 18, 2025 4:49pm', 'Files Uploaded: Archive.zip', and 'Total Test Executions: 4'. Below the 'Passed' bar, there are links: 'Try the associated QRDA Category III Measure Test', 'Try a different Measure Test', and 'Try a Record Sample'. A 'Warnings' section lists two files: '0_Anita_Mcguire.xml' and '15_Kimberly_Singleton.xml', both with a warning icon and a count of 1. A button 'View Uploaded XML with Errors' is present. Below this, a tabbed interface shows 'Errors (0)' and 'Warnings (1)'. The 'Warning message' section states: 'The Provider's TIN should be reported for this measure to support ACO reporting.' A 'Go To in XML' link is on the right.

- The TIN does not match the expected value

The screenshot shows the 'Results' page for a test run. At the top, it says 'Most Recent - Upload 5 of 5 (in progress)' and 'Refresh View'. Below this, a green bar indicates 'Passed'. To the right, a dark blue box contains test details: 'Test Date: November 18, 2025 4:51pm', 'Files Uploaded: Archive.zip', and 'Total Test Executions: 5'. Below the 'Passed' bar, there are links: 'Try the associated QRDA Category III Measure Test', 'Try a different Measure Test', and 'Try a Record Sample'. A 'Warnings' section lists two files: '0_Anita_Mcguire.xml' and '15_Kimberly_Singleton.xml', both with a warning icon and a count of 1. A button 'View Uploaded XML with Errors' is present. Below this, a tabbed interface shows 'Errors (0)' and 'Warnings (1)'. The 'Warning message' section states: 'Reported TIN 237413058 does not match Expected TIN 237413057. You can configure expected TIN using Vendor Preferences.' A 'Go To in XML' link is on the right.

Software Updates

Configuring expected TIN

- By default, Cypress assigns a random TIN for each measure test

Previous Test: CMS165v14

CMS165v14 Measure Test

Measure: Controlling High Blood Pressure
Measurement Period: 01/01/2026 - 12/31/2026
HQMF ID: CD9A5C8E-AC16-4E10-A1F4-4DFE48E02CAB
CMS ID: CMS165v14 ([eCQM Specification](#))

Provider Name: Ashley Moore
Provider NPI: 1329690444
Provider TIN: 237413057
Provider CCN: 316137

[View Patients](#)
[Get Known Good Result](#)

C1

Errors
--
Warnings
--
Execution Date
November 18, 2025 9:51pm
✓ **Passing**

Next Test: CMS165v14

C2 and C3

Errors
--
Warnings
--
Execution Date
--
[start](#)

- If a product is tailored for a specific provider, a preferred TIN can be set using the Vendor Preferences

Dashboard > Vendor: Rails 8

Rails 8

6 Products

+ Add Product
Vendor Preferences
Vendor Patients
Edit Vendor

Recent Issue

Cypress Known Issues Dashboard

- <https://oncprojecttracking.healthit.gov/support/secure/Dashboard.jspa?selectPageId=18000>
- The dashboard collects all labeled known issues in one place, sorted by Cypress version
- Easily navigate to the dashboard from the Cypress summary page

Filter Results: Cypress Known Bugs 7.3.1			
Summary	2024 Performance Period EC eQMs	2024 Reporting Period EH/CAH eQMs	Solution
Question regarding "First SUD Episode During Measurement Period"	CMS0137v12		
1-1 of 1			

Cypress Versions

Version	Dates	Release Note
V7.4.0	June 18, 2025	Support for the 2026 performance/reporting period eQMs
V7.4.1	July 31, 2025	Support for the 2026 CMS Implementation Guide for QRDA Category III
V7.4.2	December 4, 2025	Addition of TIN validation

Bundle Version	Dates	Features
2023.0.0	June 22, 2023	Measures and patients released in 2023 for the 2024 reporting year.
2024.0.0	June 20, 2024	Support for the 2025 performance/reporting period eQMs
2025.0.0	June 18, 2025	Support for the 2026 performance/reporting period eQMs

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, December 23, 2025 at 1pm ET
- To join online, visit: <https://mitre.zoomgov.com/j/1605680758>
- To join via phone, dial: 1-551-285-1373
- Meeting Number: 160 568 0758
- Meeting link, as well as a calendar event file, available at:
 - <https://www.healthit.gov/cypress/techtalks.html>

Notes

- **Completed Webinars will be posted on the Cypress website on the Tech Talks tab**
 - <https://www.healthit.gov/cypress/techtalks.html>
- **Send questions and feedback to the Cypress Talk List at**
 - project-cypress-talk@googlegroups.com
- **Report bugs and issues to the Cypress JIRA at**
 - <https://oncprojecttracking.healthit.gov/support/browse/CYPRESS>

Glossary

- **API – Application Programming Interface**
- **CCDE – Core Clinical Data Elements**
- **CQL – Clinical Quality Language**
- **CVU – Cypress Validation Utility**
- **CVU+ – Cypress Validation Utility Plus Calculation Check**
- **EC – Eligible Clinician**
- **eCQM – Electronic Clinical Quality Measure**
- **EH – Eligible Hospital**
- **EP – Eligible Professional**
- **HL7 – Health Level Seven International**
- **IG – Implementation Guide**
- **QPP – Quality Payment Program**
- **QRDA – Quality Reporting Document Architecture**
- **UMLS – Unified Medical Language System**