

# Cypress™

## Cypress Tech Talk

January 9, 2024



**MITRE**

The Office of the National Coordinator for  
Health Information Technology



# Agenda

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- Software Updates
  - Cypress 7.2.1
- 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 7.2.1

### ■ Cypress 7.2.1 patch was released on 12/7/23

- CVU+ tests will provide warnings and links when calculations could be impacted by eCQM Known Issues. ([CYPRESS-2547](#))
- eCQM categories updated to reflect program inclusion.
  - Moved from **Pre-rulemaking Hybrid** to **Eligible Hospital / Critical Access Hospital eCQMs - Hybrid**
    - CMS844v4, CMS529v4
  - Moved from **Pre-rulemaking EC** to **Eligible Clinician eCQMs**
    - CMS314v1, CMS1188v1
  - Moved from **Pre-rulemaking EC** to **Eligible Clinician eCQMs (2025 Performance Period)**
    - CMS1056v1
  - Moved from **Eligible Clinician eCQMs** to **Retired**
    - CMS127v12, CMS147v13, CMS161v12
- Updated CVU+ tests for Hybrid eCQMs to require QRDA I files to be batched per patient and per quarter. ([CYPRESS-2567](#))

## 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 7.0.2  |                                  |                                    |   |
|---|----------------------------------|------------------------------------|---|
| Summary   | 2023 Performance Period EC eCQMs | 2023 Reporting Period EH/CAH eCQMs | Solution  |
| CQM129v11 - PSA score of 0 not qualifying for denominator                                   |                                  |                                    |   |
| "undefined method `collect' for nil:NilClass" Error when creating CVU+ product for CMS69v10 | CMS69v11                         |                                    | see possible workaround below   |
| Error of CMS_0084 encountered while testing Hybrid Measure                                  |                                  |                                    | The error "CMS_0084 - QRDA files for hybrid measure/CCDE submissions must contain a HICN or MBI" should be treated as a Warning and not an Error. |
| 1-3 of 3  |                                  |                                    |   |

# Cypress Versions

| Version       | Dates                     | Release Note  |
|---------------|---------------------------|---|
| <b>V7.1.0</b> | <b>June 22, 2023</b>      | Support for the 2022, 2023, 2024 reporting/performance period                               |
| <b>V7.1.1</b> | <b>July 27, 2023</b>      | Additional Support for the 2024 CMS Implementation Guides for QRDA Category III             |
| <b>V7.2.0</b> | <b>September 14, 2023</b> | Support for the 2023/2024 CMS Implementation Guides for QRDA Category I released on 8/31/23 |
| <b>V7.2.1</b> | <b>December 7, 2023</b>   | Updated measure categorization for 2024 EH/EC eCQMs   |

| Bundle Version  | Dates                   | Features  |
|-----------------|-------------------------|---|
| <b>2022.1.1</b> | <b>October 20, 2022</b> | Removed cross-walking codes impacting CMS334                        |
| <b>2023.0.0</b> | <b>June 22, 2023</b>    | Measures and patients released in 2022 for the 2023 reporting year. |

# OPEN DISCUSSION

# Next Cypress Tech Talk

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- Tuesday, February 6, 2024 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

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- **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](mailto:project-cypress-talk@googlegroups.com)
- **Report bugs and issues to the Cypress JIRA at**
  - <https://oncprojecttracking.healthit.gov/support/browse/CYPRESS>



# Glossary

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- **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**